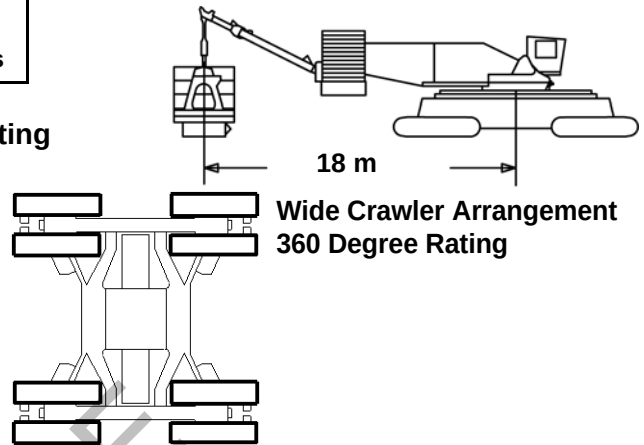
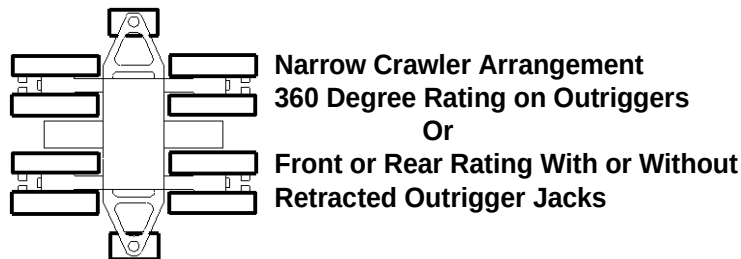


Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). **360 degree operation requires set outrigger jacks for narrow crawler arrangement.**

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

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

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

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

Upper luffing jib point capacity for liftcrane service with single part whip line is 22 130 kg or 44 270 kg with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and luffing jib point sheaves is considered part of luffing jib load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS

General: Machine to operate on a firm uniformly supporting surface with gantry in intermediate position, mast up and bearing turntable level within a tolerance of 13 mm in 3 m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib rigging assembly **No. 192589** and Wire Rope Specification chart **No. 8201-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

Narrow Crawler Arrangement: Narrow crawler arrangement (9,1 m) requires outriggers with jacks set for 360 degree operation (no travel). Refer to Operator's Manual for jacking instructions. Operation restricted to limited swing over front or rear with outrigger jacks retracted or outriggers removed. Refer to Operating Range Diagram chart **No. 8141-A**.

Wide Crawler Arrangement: Operation with wide crawler arrangement (14,5m) is 360 degrees.

MACHINE TRAVEL

General: Machine to travel on a firm, level, and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8679-A**.

Narrow Crawler Arrangement: Narrow crawler arrangement (9,1m) travel allowed only with upperworks centered over front or rear of lowerworks (no swing) with outrigger jacks retracted or outriggers removed.

Wide Crawler Arrangement: Wide crawler arrangement (14,5m) travel allowed with 360 degree rating.

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

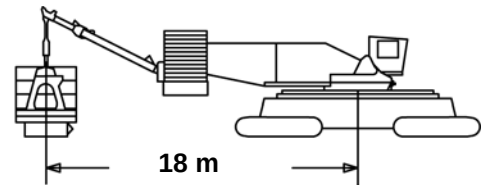
90 720 kg Carbody Counterweight

192 010 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

MACHINE EQUIPMENT: Machine equipped with MAX-ER, lowerworks carbody beams, outriggers, eight 4 978 mm crawlers, 1 219 mm treads, 42,7 m mast, 8 534 mm retractable gantry, 20 part boom hoist reeving,

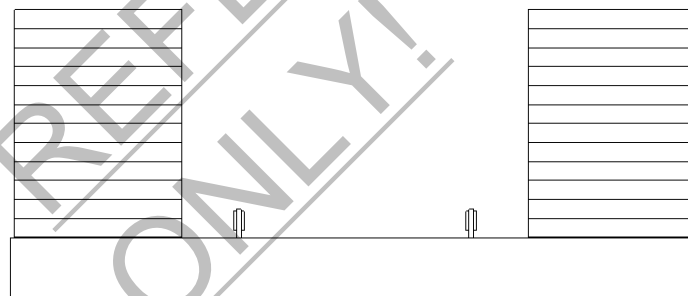
boom support straps, 22 part luffing jib hoist reeving, luffing jib and backstay support straps, 208 060 kg crane counterweight, two 24 270 kg and two 21 090 kg carbody counterweights and 271 840 kg hanging counterweight.

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

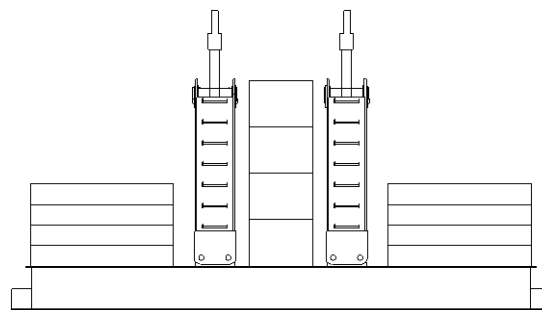
Warning: Narrow crawler arrangement requires set outrigger jacks to swing beyond front or rear operating range.

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

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



208 060 kg Crane Counterweight
24 Side Boxes



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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

90 720 kg Carbody Counterweight

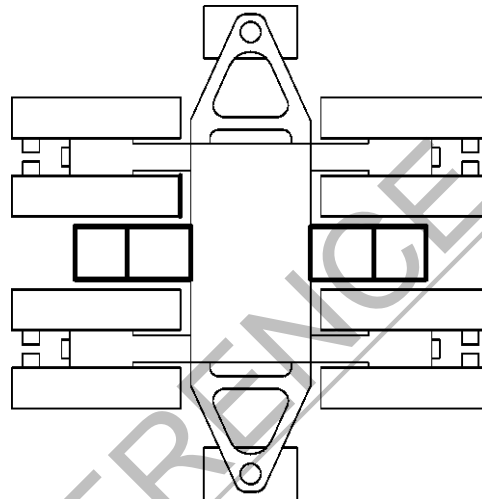
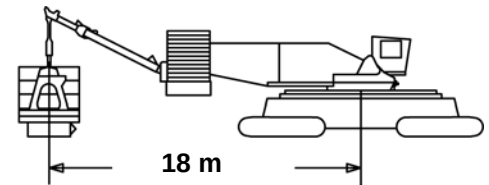
192 010 kg Hanging Counterweight

at 18 m Position

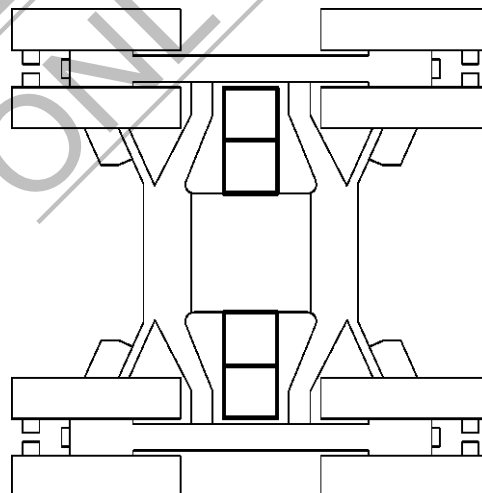
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



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



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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

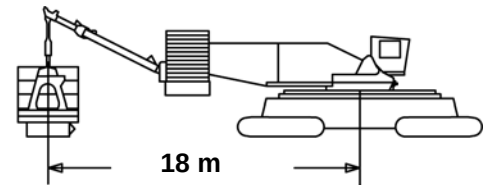
90 720 kg Carbody Counterweight

192 010 kg Hanging Counterweight

at 18 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 - 67,1	36,6 - 91,4	90
73,2 - 79,2	36,6 - 91,4	60
Load blocks, hook and weight ball on ground until boom and luffing jib are erected.		

RAISING AND LOWERING PROCEDURE

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

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

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

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

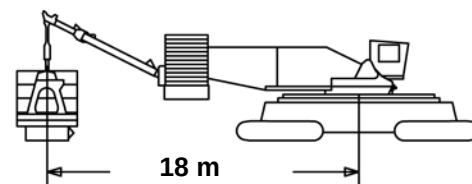
CAUTION: Do not under any condition allow boom to luffing jib angle to become less than 60 degrees.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	243 400	324 300*b													24,0
26,0	60,8	89,8	219 400	298 100*b				c									26,0
28,0	57,1	88,6	199 300	275 600*b	65,8	90,6	181 000	263 800*b									28,0
30,0	53,2	87,1	182 200	256 100*	62,2	89,6	165 200	244 900*b									30,0
32,0	49,1	85,4	167 300	238 900*	58,6	88,4	151 600	228 500*b									32,0
34,0	44,7	83,4	154 200	223 600*	54,7	87,0	139 700	213 900*b	63,5	88,9	125 100	204 100*b					34,0
36,0	39,9	81,1	142 500	209 800*	50,7	85,4	129 100	200 800*	59,9	87,7	115 500	191 600*b					36,0
38,0	34,5	78,3	132 100	197 500*	46,4	83,5	119 700	189 100*	56,1	86,4	107 000	180 500*b					38,0
40,0	28,1	74,8	122 600	186 200*	41,8	81,3	111 200	178 400*	52,2	84,9	99 400	170 300*					40,0
42,0	19,9	69,9	113 700	175 700*	36,7	78,7	103 500	168 700*	48,0	83,1	92 500	161 100*	57,3	85,3	81 300	153 500*b	42,0
44,0					30,8	75,6	96 400	159 700*	43,5	81,0	86 100	152 700*	53,4	83,8	75 600	145 400*	44,0
46,0					23,5	71,4	89 600	151 400*	38,6	78,6	80 300	144 900*	49,3	82,1	70 400	138 100*	46,0
48,0									33,0	75,7	74 900	137 700*	44,9	80,2	65 600	131 300*	48,0
50,0									26,3	71,9	69 700	130 900*	40,1	77,9	61 200	124 900*	50,0
52,0									17,3	66,5	64 600	124 400*	34,8	75,1	57 000	119 000*	52,0
54,0													28,5	71,6	53 000	113 500*	54,0
56,0													20,4	66,9	49 000	108 100*	56,0

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

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

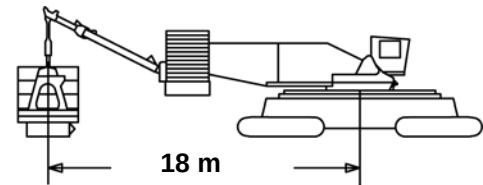
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	243 300	323 000*b													24,0
26,0	65,3	96,8	219 100	296 800*b													26,0
28,0	62,3	95,7	199 000	274 500*b													28,0
30,0	59,2	94,5	181 800	255 000*	66,5	96,4	164 100	243 400*b									30,0
32,0	56,0	93,2	166 900	237 800*	63,5	95,4	150 400	226 900*b									32,0
34,0	52,6	91,7	153 900	222 700*	60,4	94,3	138 500	212 400*b									34,0
36,0	49,1	90,0	142 400	209 100*	57,2	93,0	128 100	199 500*									36,0
38,0	45,3	88,0	132 200	196 900*	53,9	91,6	118 800	187 800*	61,5	93,6	105 300	178 800*b					38,0
40,0	41,3	85,8	123 000	185 800*	50,5	90,0	110 400	177 300*	58,4	92,4	97 700	168 700*					40,0
42,0	36,9	83,2	114 600	175 700*	46,8	88,1	102 900	167 700*	55,1	91,0	90 900	159 600*					42,0
44,0	32,0	80,1	106 900	166 500*	42,9	86,0	96 000	159 000*	51,7	89,5	84 800	151 300*					44,0
46,0	26,2	76,3	99 900	158 000*	38,7	83,6	89 700	150 900*	48,1	87,7	79 100	143 700*	56,1	89,9	68 500	136 300*	46,0
48,0	18,8	71,2	93 100	149 900*	34,0	80,7	83 800	143 500*	44,3	85,7	73 900	136 600*	52,8	88,4	63 800	129 700*	48,0
50,0					28,6	77,3	78 400	136 500*	40,2	83,4	69 100	130 100*	49,2	86,7	59 600	123 500*	50,0
52,0					22,0	72,8	73 100	129 900*	35,7	80,7	64 600	124 000*	45,5	84,8	55 600	117 700*	52,0
54,0									30,7	77,5	60 300	118 300*	41,5	82,6	51 900	112 300*	54,0
56,0									24,6	73,4	56 200	112 900*	37,1	80,0	48 400	107 300*	56,0
58,0									16,4	67,7	52 100	107 600*	32,2	77,0	45 100	102 600*	58,0
60,0													26,5	73,2	41 800	98 100*	60,0
62,0													19,2	68,2	38 600	93 600*	62,0
64,0													4,2	57,2	34 600	88 700*	64,0

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

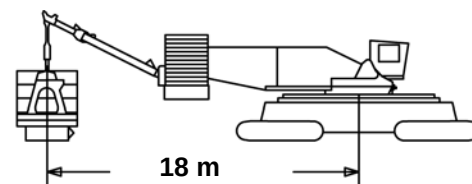
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	242 900	321 900*b													24,0
26,0	68,6	103,4	218 700	295 800*b													26,0
28,0	66,0	102,6	198 500	273 400*b													28,0
30,0	63,4	101,6	181 300	254 000*													30,0
32,0	60,7	100,4	166 400	237 000*	67,1	102,2	149 300	225 700*b									32,0
34,0	58,0	99,2	153 500	221 800*	64,5	101,3	137 500	211 200*b									34,0
36,0	55,1	97,8	142 000	208 300*	61,8	100,2	127 100	198 400*									36,0
38,0	52,1	96,3	131 800	196 200*	59,1	99,0	117 800	186 800*									38,0
40,0	49,1	94,6	122 700	185 300*	56,2	97,7	109 500	176 300*	62,8	99,5	96 400	167 400*					40,0
42,0	45,8	92,7	114 500	175 300*	53,3	96,2	102 100	166 800*	60,0	98,3	89 600	158 400*					42,0
44,0	42,3	90,5	107 100	166 100*	50,3	94,6	95 300	158 200*	57,3	97,1	83 500	150 100*					44,0
46,0	38,6	88,1	100 200	157 800*	47,1	92,7	89 100	150 200*	54,4	95,7	78 000	142 500*					46,0
48,0	34,6	85,2	93 900	150 000*	43,7	90,7	83 500	142 900*	51,4	94,1	72 900	135 600*	58,1	95,9	62 400	128 400*	48,0
50,0	30,0	81,9	88 000	142 900*	40,1	88,4	78 200	136 100*	48,3	92,3	68 200	129 100*	55,3	94,6	58 100	122 200*	50,0
52,0	24,7	77,8	82 600	136 100*	36,2	85,7	73 400	129 800*	45,0	90,3	63 800	123 200*	52,3	93,0	54 300	116 600*	52,0
54,0	17,9	72,4	77 200	129 800*	31,9	82,6	68 800	123 900*	41,4	88,1	59 800	117 600*	49,2	91,3	50 700	111 300*	54,0
56,0					26,9	78,9	64 500	118 300*	37,7	85,6	56 000	112 400*	46,0	89,4	47 300	106 400*	56,0
58,0					20,8	74,1	60 300	113 000*	33,5	82,7	52 400	107 500*	42,5	87,3	44 200	101 800*	58,0
60,0									28,8	79,2	49 000	102 900*	38,8	84,9	41 200	97 400*	60,0
62,0									23,2	74,9	45 700	98 500*	34,8	82,1	38 400	93 200*	62,0
64,0									15,7	68,8	42 300	94 100*	30,3	78,8	35 700	89 200*	64,0
66,0													25,0	74,8	33 000	85 400*	66,0
68,0													18,3	69,4	30 400	81 700*	68,0
70,0													5,6	58,9	27 100	77 700*	70,0

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

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

Liftcrane Luffing Jib Capacities

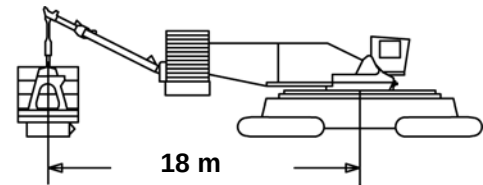
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	
22,9	74,6	111,0	258 100	336 700 b													22,9
24,0	73,3	110,7	242 500	320 200 b													24,0
26,0	71,1	110,0	218 100	294 100 b													26,0
28,0	68,9	109,2	197 700	271 900 b													28,0
30,0	66,6	108,3	180 400	252 500*													30,0
32,0	64,3	107,4	165 500	235 400*	69,7	108,8	147 700	223 800 b									32,0
34,0	61,9	106,3	152 500	220 400*	67,5	108,0	135 900	209 400*									34,0
36,0	59,5	105,2	141 000	206 900*	65,2	107,1	125 400	196 600*									36,0
38,0	57,0	103,9	130 800	194 800*	62,9	106,1	116 200	185 000*									38,0
40,0	54,4	102,4	121 700	183 900*	60,5	104,9	107 900	174 600*									40,0
42,0	51,8	100,9	113 500	174 000*	58,0	103,7	100 500	165 200*	63,7	105,3	87 600	156 500*					42,0
44,0	49,0	99,2	106 100	164 900*	55,5	102,3	93 700	156 600*	61,3	104,2	81 500	148 200*					44,0
46,0	46,2	97,3	99 300	156 600*	52,9	100,8	87 600	148 700*	58,9	103,0	76 000	140 700*					46,0
48,0	43,1	95,2	93 100	149 000*	50,1	99,2	82 000	141 400*	56,4	101,7	70 900	133 800*					48,0
50,0	39,9	92,8	87 400	142 000*	47,3	97,3	76 800	134 700*	53,8	100,3	66 300	127 400*					50,0
52,0	36,5	90,2	82 100	135 400*	44,4	95,3	72 100	128 500*	51,1	98,7	62 000	121 500*	57,1	100,6	52 000	114 600*	52,0
54,0	32,7	87,2	77 100	129 300*	41,2	93,1	67 600	122 700*	48,3	96,9	58 100	116 000*	54,6	99,2	48 500	109 400*	54,0
56,0	28,4	83,6	72 500	123 500*	37,9	90,6	63 500	117 300*	45,4	95,0	54 300	110 900*	51,9	97,6	45 200	104 500*	56,0
58,0	23,5	79,3	68 100	118 100*	34,2	87,7	59 600	112 200*	42,4	92,8	50 900	106 100*	49,2	95,9	42 100	100 000*	58,0
60,0	17,1	73,6	63 800	112 900*	30,2	84,4	55 900	107 400*	39,1	90,4	47 600	101 600*	46,3	94,1	39 200	95 700*	60,0
62,0					25,5	80,4	52 400	102 900*	35,6	87,7	44 600	97 300*	43,3	92,0	36 500	91 700*	62,0
64,0					19,9	75,4	49 000	98 500*	31,7	84,5	41 600	93 300*	40,1	89,6	34 000	87 800*	64,0
66,0									27,3	80,8	38 800	89 400*	36,6	87,0	31 500	84 200*	66,0
68,0									22,1	76,3	36 100	85 600*	32,9	84,0	29 200	80 700*	68,0
70,0									15,1	69,9	33 300	82 000*	28,7	80,5	27 000	77 400*	70,0
72,0													23,7	76,2	24 800	74 200*	72,0
74,0													17,5	70,6	22 500	71 100*	74,0
76,0													6,4	60,2	19 700	67 600*	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).

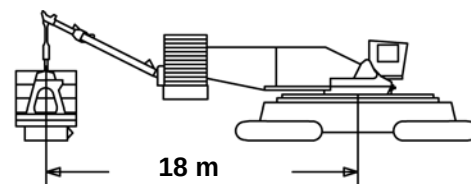
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

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	
24,4	74,7	116,9	236 500	293 000*(b)													24,4
26,0	73,1	116,4	217 200	292 000*(b)													26,0
28,0	71,1	115,7	196 800	270 700*(b)													28,0
30,0	69,1	115,0	179 400	251 200*													30,0
32,0	67,0	114,1	164 500	234 200*													32,0
34,0	65,0	113,2	151 400	219 200*													34,0
36,0	62,8	112,2	139 900	205 700*	67,8	113,8	124 100	195 200*									36,0
38,0	60,7	111,1	129 700	193 700*	65,8	112,9	114 700	183 600*									38,0
40,0	58,5	109,8	120 600	182 800*	63,7	111,9	106 500	173 300*									40,0
42,0	56,2	108,5	112 500	172 900*	61,5	110,8	99 100	163 900*									42,0
44,0	53,9	107,1	105 100	163 900*	59,4	109,6	92 400	155 300*									44,0
46,0	51,5	105,5	98 300	155 600*	57,1	108,3	86 300	147 400*	62,3	110,1	74 300	139 200*					46,0
48,0	49,0	103,8	92 200	148 100*	54,8	106,9	80 700	140 200*	60,1	109,0	69 300	132 400*					48,0
50,0	46,5	101,9	86 600	141 000*	52,5	105,4	75 600	133 500*	57,9	107,7	64 700	126 000*					50,0
52,0	43,8	99,8	81 300	134 500*	50,0	103,8	70 900	127 400*	55,7	106,3	60 400	120 200*					52,0
54,0	40,9	97,6	76 500	128 500*	47,5	101,9	66 500	121 600*	53,3	104,9	56 500	114 700*	58,6	106,6	46 700	107 900*	54,0
56,0	37,9	95,0	72 000	122 900*	44,8	100,0	62 400	116 200*	50,9	103,3	52 900	109 600*	56,3	105,3	43 500	103 100*	56,0
58,0	34,6	92,2	67 800	117 600*	42,1	97,8	58 700	111 300*	48,4	101,5	49 500	104 900*	54,0	103,8	40 400	98 600*	58,0
60,0	31,1	89,0	63 800	112 600*	39,1	95,4	55 100	106 600*	45,8	99,6	46 300	100 500*	51,6	102,2	37 600	94 400*	60,0
62,0	27,1	85,3	60 000	107 900*	36,0	92,7	51 800	102 100*	43,1	97,5	43 300	96 300*	49,2	100,5	35 000	90 400*	62,0
64,0	22,4	80,7	56 400	103 500*	32,5	89,6	48 600	98 000*	40,2	95,2	40 500	92 300*	46,6	98,7	32 500	86 600*	64,0
66,0	16,5	74,8	52 900	99 100*	28,7	86,1	45 600	94 000*	37,1	92,6	37 900	88 500*	43,9	96,6	30 100	83 000*	66,0
68,0					24,4	81,9	42 600	90 200*	33,8	89,7	35 300	84 900*	41,1	94,4	27 900	79 600*	68,0
70,0					19,1	76,7	39 800	86 500*	30,1	86,3	32 900	81 500*	38,0	91,8	25 800	76 400*	70,0
72,0									26,0	82,4	30 500	78 200*	34,8	89,0	23 800	73 300*	72,0
74,0									21,1	77,6	28 200	75 100*	31,3	85,8	21 800	70 400*	74,0
76,0									14,7	71,1	25 900	71 900*	27,3	82,1	19 900	67 600*	76,0
80,0													16,9	71,8	16 100	62 200*	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

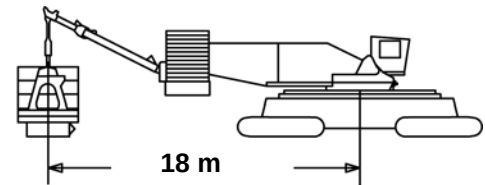
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	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	73,4	122,3	200 900	253 300* b													27,4
28,0	72,9	122,2	195 600	253 300* b													28,0
30,0	71,1	121,5	178 000	247 800*													30,0
32,0	69,2	120,7	163 000	232 600*													32,0
34,0	67,4	119,9	149 900	217 500*													34,0
36,0	65,5	119,0	138 400	204 100*													36,0
38,0	63,6	118,0	128 200	192 100*	68,1	119,6	112 700	181 800*									38,0
40,0	61,7	116,9	119 100	181 200*	66,2	118,7	104 400	171 400*									40,0
42,0	59,7	115,8	110 900	171 300*	64,4	117,7	97 000	162 000*									42,0
44,0	57,7	114,5	103 500	162 400*	62,4	116,7	90 300	153 500*									44,0
46,0	55,6	113,1	96 800	154 100*	60,5	115,5	84 300	145 700*									46,0
48,0	53,5	111,7	90 600	146 600*	58,5	114,3	78 700	138 500*	63,1	115,9	67 000	130 400*					48,0
50,0	51,3	110,1	85 000	139 600*	56,4	113,0	73 600	131 800*	61,2	114,8	62 400	124 100*					50,0
52,0	49,0	108,4	79 800	133 100*	54,3	111,6	68 900	125 700*	59,2	113,7	58 200	118 300*					52,0
54,0	46,7	106,5	75 000	127 200*	52,2	110,0	64 600	120 000*	57,1	112,4	54 300	112 900*					54,0
56,0	44,3	104,5	70 600	121 600*	49,9	108,4	60 600	114 700*	55,1	111,0	50 700	107 800*					56,0
58,0	41,7	102,3	66 500	116 300*	47,6	106,6	56 900	109 700*	52,9	109,5	47 300	103 100*	57,8	111,2	37 900	96 600*	58,0
60,0	39,0	99,8	62 600	111 400*	45,2	104,6	53 400	105 100*	50,7	107,9	44 200	98 700*	55,7	109,9	35 200	92 400*	60,0
62,0	36,2	97,2	58 900	106 800*	42,7	102,5	50 100	100 700*	48,5	106,1	41 300	94 500*	53,6	108,4	32 600	88 500*	62,0
64,0	33,1	94,2	55 400	102 500*	40,1	100,1	47 000	96 600*	46,1	104,2	38 500	90 700*	51,4	106,8	30 200	84 700*	64,0
66,0	29,7	90,8	52 200	98 300*	37,3	97,6	44 100	92 700*	43,6	102,1	36 000	87 000*	49,1	105,1	27 900	81 200*	66,0
68,0	26,0	86,8	49 100	94 500*	34,3	94,7	41 300	89 000*	41,1	99,9	33 500	83 400*	46,8	103,3	25 700	77 800*	68,0
70,0	21,6	82,1	46 100	90 700*	31,1	91,5	38 700	85 500*	38,3	97,4	31 100	80 000*	44,4	101,3	23 600	74 700*	70,0
72,0	16,0	75,9	43 100	87 100*	27,5	87,8	36 100	82 100*	35,4	94,6	28 900	76 900*	41,8	99,1	21 700	71 700*	72,0
74,0					23,4	83,4	33 700	78 800*	32,3	91,6	26 800	73 800*	39,2	96,6	19 800	68 800*	74,0
76,0					18,4	77,9	31 300	75 600*	28,8	88,1	24 700	70 900*	36,3	94,0	18 000	66 100*	76,0
80,0									20,3	78,9	20 800	65 400*	29,9	87,6	14 700	61 000*	80,0
84,0													21,8	79,1	11 400	56 300*	84,0
88,0													7,4	62,7	7 700	51 400*	88,0

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

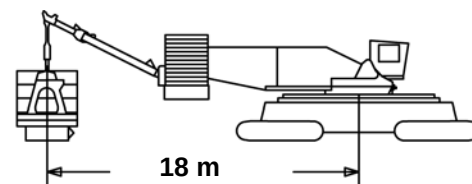
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
30,5	72,3	127,8	173 400	220 400*													30,5
32,0	71,0	127,2	162 000	220 400*													32,0
34,0	69,4	126,5	148 800	217 100*													34,0
36,0	67,7	125,7	137 200	202 600*													36,0
38,0	66,0	124,8	127 000	190 600*													38,0
40,0	64,2	123,8	117 800	179 700*	68,3	125,3	102 900	169 800*									40,0
42,0	62,5	122,8	109 600	169 900*	66,6	124,4	95 400	160 400*									42,0
44,0	60,7	121,7	102 200	160 900*	64,9	123,5	88 700	151 900*									44,0
46,0	58,8	120,5	95 400	152 700*	63,2	122,5	82 600	144 100*									46,0
48,0	57,0	119,2	89 300	145 200*	61,4	121,4	77 100	136 900*									48,0
50,0	55,1	117,8	83 600	138 200*	59,6	120,2	72 000	130 300*	63,8	121,8	60 500	122 400*					50,0
52,0	53,1	116,3	78 400	131 800*	57,7	119,0	67 300	124 100*	62,0	120,7	56 200	116 600*					52,0
54,0	51,1	114,7	73 600	125 800*	55,8	117,7	63 000	118 500*	60,2	119,6	52 400	111 200*					54,0
56,0	49,0	113,0	69 200	120 200*	53,9	116,2	58 900	113 200*	58,4	118,3	48 800	106 200*					56,0
58,0	46,9	111,1	65 000	115 000*	51,9	114,6	55 200	108 200*	56,5	117,0	45 400	101 500*					58,0
60,0	44,7	109,1	61 200	110 100*	49,9	113,0	51 700	103 600*	54,6	115,6	42 300	97 100*	58,9	117,2	33 100	90 700*	60,0
62,0	42,4	106,9	57 600	105 600*	47,7	111,2	48 500	99 300*	52,6	114,1	39 400	93 000*	57,1	115,9	30 500	86 800*	62,0
64,0	40,0	104,6	54 200	101 300*	45,6	109,2	45 400	95 200*	50,6	112,5	36 700	89 100*	55,2	114,5	28 100	83 100*	64,0
66,0	37,4	102,0	51 000	97 200*	43,3	107,1	42 600	91 300*	48,5	110,7	34 200	85 500*	53,2	113,1	25 800	79 600*	66,0
68,0	34,7	99,2	48 000	93 400*	40,9	104,8	39 800	87 700*	46,4	108,8	31 700	82 000*	51,2	111,4	23 700	76 200*	68,0
70,0	31,8	96,0	45 100	89 800*	38,4	102,4	37 300	84 300*	44,1	106,8	29 400	78 600*	49,1	109,7	21 700	73 100*	70,0
72,0	28,6	92,5	42 400	86 300*	35,8	99,7	34 800	80 900*	41,8	104,6	27 300	75 500*	47,0	107,9	19 700	70 100*	72,0
74,0	25,0	88,4	39 700	83 000*	32,9	96,6	32 500	77 700*	39,3	102,2	25 200	72 500*	44,8	105,9	17 900	67 300*	74,0
76,0	20,8	83,5	37 100	79 700*	29,9	93,2	30 200	74 700*	36,7	99,5	23 200	69 700*	42,5	103,7	16 200	64 600*	76,0
80,0					22,6	84,8	26 000	69 000*	31,0	93,4	19 500	64 300*	37,5	98,8	13 000	59 600*	80,0
84,0									24,0	85,4	16 000	59 500*	31,9	92,9	9 900	55 000*	84,0
88,0									14,0	73,3	12 500	54 800*	25,2	85,3	7 100	50 800*	88,0
92,0													15,9	74,1	4 200	46 800*	92,0

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

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

Liftcrane Luffing Jib Capacities

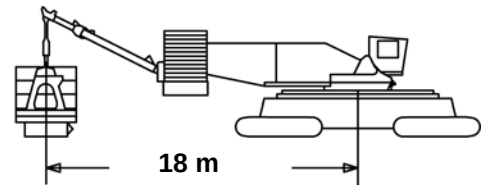
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	
32,0	72,6	133,7	160 400	192 000*													32,0
34,0	71,0	133,0	147 200	192 000*													34,0
36,0	69,5	132,3	135 600	192 000*													36,0
38,0	67,9	131,4	125 300	188 600*													38,0
40,0	66,3	130,6	116 100	178 100*													40,0
42,0	64,7	129,6	107 900	168 300*	68,5	131,1	93 400	158 600*									42,0
44,0	63,1	128,6	100 400	159 300*	67,0	130,2	86 600	150 000*									44,0
46,0	61,5	127,5	93 700	151 100*	65,4	129,3	80 500	142 200*									46,0
48,0	59,8	126,4	87 500	143 600*	63,8	128,3	75 000	135 100*									48,0
50,0	58,1	125,1	81 900	136 600*	62,1	127,3	69 900	128 500*									50,0
52,0	56,4	123,8	76 700	130 200*	60,5	126,2	65 200	122 400*	64,3	127,6	53 900	114 600*					52,0
54,0	54,6	122,4	71 900	124 300*	58,8	124,9	60 900	116 700*	62,7	126,6	50 000	109 300*					54,0
56,0	52,8	120,9	67 500	118 700*	57,1	123,7	56 900	111 500*	61,1	125,5	46 400	104 200*					56,0
58,0	50,9	119,3	63 400	113 500*	55,3	122,3	53 200	106 600*	59,4	124,3	43 100	99 600*					58,0
60,0	49,0	117,6	59 500	108 700*	53,5	120,8	49 800	101 900*	57,7	123,0	40 100	95 200*					60,0
62,0	47,1	115,7	55 900	104 100*	51,7	119,2	46 500	97 600*	55,9	121,7	37 200	91 100*					62,0
64,0	45,0	113,7	52 600	99 900*	49,8	117,6	43 500	93 600*	54,2	120,2	34 500	87 300*	58,2	121,9	25 600	81 100*	64,0
66,0	42,9	111,6	49 400	95 800*	47,8	115,8	40 600	89 700*	52,3	118,7	31 900	83 700*	56,5	120,6	23 300	77 600*	66,0
68,0	40,7	109,3	46 400	92 000*	45,8	113,8	37 900	86 100*	50,5	117,1	29 600	80 200*	54,7	119,2	21 300	74 300*	68,0
70,0	38,4	106,8	43 600	88 400*	43,8	111,8	35 400	82 700*	48,5	115,3	27 300	76 900*	52,9	117,7	19 300	71 200*	70,0
72,0	36,0	104,1	40 900	85 000*	41,6	109,6	33 000	79 500*	46,6	113,4	25 100	73 800*	51,0	116,1	17 400	68 300*	72,0
74,0	33,4	101,2	38 400	81 800*	39,3	107,2	30 700	76 300*	44,5	111,4	23 100	70 900*	49,1	114,3	15 600	65 500*	74,0
76,0	30,6	97,9	35 900	78 600*	37,0	104,5	28 600	73 400*	42,4	109,3	21 200	68 100*	47,2	112,5	13 900	62 800*	76,0
80,0	24,1	89,9	31 300	72 700*	31,7	98,5	24 500	67 800*	37,8	104,4	17 600	62 800*	43,0	108,4	10 800	57 900*	80,0
84,0	15,2	78,2	26 900	67 200*	25,5	91,0	20 700	62 700*	32,7	98,6	14 300	58 100*	38,5	103,6	7 900	53 400*	84,0
88,0					17,4	80,4	17 000	57 900*	26,7	91,3	11 200	53 700*	33,5	98,0	5 100	49 300*	88,0
92,0									19,1	81,5	8 200	49 500*	27,7	91,0	2 600	45 500*	92,0
96,0									2,2	58,6	4 500	45 100*	20,4	81,8	100	41 900*	96,0
100,0													7,9	65,0		38 100*	100,0

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

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

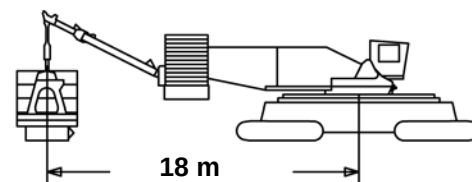
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

**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	
35,1	71,7	139,1	139 500	167 700*													35,1
36,0	71,0	138,8	134 300	167 700*													36,0
38,0	69,6	138,0	123 900	167 700*													38,0
40,0	68,1	137,2	114 600	167 700*													40,0
42,0	66,7	136,4	106 400	165 500*													42,0
44,0	65,2	135,4	98 900	158 100*	68,7	136,9	84 900	148 500*									44,0
46,0	63,7	134,4	92 200	149 800*	67,3	136,0	78 800	140 700*									46,0
48,0	62,2	133,4	86 000	142 200*	65,8	135,1	73 200	133 600*									48,0
50,0	60,6	132,3	80 400	135 300*	64,3	134,2	68 100	127 000*									50,0
52,0	59,1	131,1	75 200	128 900*	62,8	133,1	63 500	120 900*									52,0
54,0	57,5	129,8	70 400	123 000*	61,3	132,0	59 200	115 300*									54,0
56,0	55,9	128,5	66 000	117 400*	59,7	130,9	55 200	110 000*	63,3	132,4	44 500	102 700*					56,0
58,0	54,2	127,0	61 900	112 300*	58,1	129,6	51 500	105 100*	61,8	131,3	41 200	98 000*					58,0
60,0	52,5	125,5	58 100	107 400*	56,5	128,3	48 100	100 500*	60,3	130,2	38 200	93 700*					60,0
62,0	50,8	123,9	54 500	102 900*	54,9	126,9	44 800	96 200*	58,7	129,0	35 300	89 600*					62,0
64,0	49,0	122,2	51 100	98 600*	53,2	125,4	41 800	92 200*	57,1	127,7	32 600	85 800*					64,0
66,0	47,2	120,3	48 000	94 700*	51,5	123,8	39 000	88 400*	55,5	126,3	30 100	82 200*	59,2	127,8	21 400	76 100*	66,0
68,0	45,3	118,4	45 000	90 900*	49,7	122,2	36 400	84 800*	53,8	124,9	27 700	78 800*	57,6	126,6	19 300	72 800*	68,0
70,0	43,4	116,3	42 200	87 300*	47,9	120,4	33 800	81 400*	52,1	123,3	25 500	75 500*	55,9	125,2	17 300	69 700*	70,0
72,0	41,4	114,0	39 600	83 900*	46,1	118,5	31 500	78 200*	50,4	121,7	23 400	72 400*	54,3	123,8	15 400	66 700*	72,0
74,0	39,3	111,6	37 100	80 700*	44,2	116,4	29 200	75 100*	48,6	119,9	21 400	69 500*	52,6	122,3	13 700	64 000*	74,0
76,0	37,0	109,0	34 700	77 600*	42,2	114,2	27 100	72 100*	46,7	118,1	19 500	66 700*	50,9	120,7	12 000	61 400*	76,0
80,0	32,2	103,1	30 300	71 800*	37,9	109,4	23 100	66 600*	42,9	113,9	16 000	61 500*	47,3	117,1	8 900	56 500*	80,0
84,0	26,7	95,8	26 100	65 600*	33,2	103,6	19 400	61 700*	38,7	109,2	12 700	56 800*	43,5	113,1	6 100	52 100*	84,0
88,0	19,6	86,1	22 200	59 800*	27,8	96,7	16 100	57 100*	34,1	103,6	9 800	52 500*	39,4	108,4	3 500	48 000*	88,0
92,0					21,2	87,6	12 800	52 800*	28,9	96,9	7 000	48 500*	34,8	103,0	1 100	44 300*	92,0
96,0					11,1	73,2	9 500	48 600*	22,5	88,3	4 300	44 800*	29,7	96,5		40 800*	96,0
100,0									13,5	75,5	1 600	41 200*	23,6	88,3		37 500*	100,0
104,0													15,2	76,4		34 400*	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

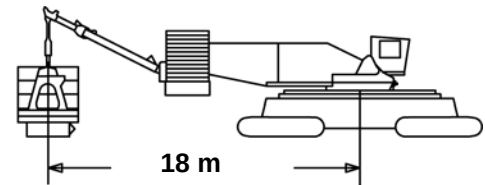
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	
38,1	70,9	144,5	122 300	149 600*													38,1
40,0	69,7	143,8	113 400	148 700*													40,0
42,0	68,3	143,0	105 100	144 900*													42,0
44,0	67,0	142,1	97 600	140 900*													44,0
46,0	65,6	141,2	90 700	134 900*	68,9	142,6	77 000	138 900*									46,0
48,0	64,2	140,3	84 500	129 100*	67,5	141,8	71 400	131 700*									48,0
50,0	62,8	139,2	78 800	123 300*	66,1	140,9	66 300	125 200*									50,0
52,0	61,4	138,1	73 700	117 600*	64,7	140,0	61 600	119 100*									52,0
54,0	59,9	137,0	68 800	112 100*	63,3	139,0	57 300	113 500*									54,0
56,0	58,4	135,8	64 400	106 800*	61,9	137,9	53 300	108 200*									56,0
58,0	56,9	134,5	60 200	101 600*	60,5	136,8	49 600	103 300*	63,8	138,2	39 000	96 100*					58,0
60,0	55,4	133,1	56 400	96 600*	59,0	135,6	46 100	98 800*	62,4	137,2	35 900	91 800*					60,0
62,0	53,9	131,6	52 800	91 800*	57,5	134,3	42 900	94 500*	61,0	136,1	33 000	87 700*					62,0
64,0	52,3	130,1	49 400	87 100*	56,0	133,0	39 900	90 500*	59,5	134,9	30 400	83 900*					64,0
66,0	50,7	128,5	46 300	82 700*	54,5	131,5	37 000	86 700*	58,1	133,7	27 900	80 300*					66,0
68,0	49,0	126,8	43 400	78 400*	52,9	130,0	34 400	83 100*	56,6	132,3	25 500	77 000*					68,0
70,0	47,3	124,9	40 600	74 200*	51,3	128,4	31 900	79 700*	55,0	130,9	23 300	73 700*	58,5	132,5	14 800	67 700*	70,0
72,0	45,6	123,0	37 900	70 300*	49,7	126,8	29 500	76 500*	53,5	129,5	21 200	70 600*	57,0	131,2	13 000	64 800*	72,0
74,0	43,8	120,9	35 400	66 500*	48,0	125,0	27 300	73 500*	51,9	127,9	19 200	67 700*	55,5	129,9	11 300	62 000*	74,0
76,0	41,9	118,7	33 100	62 900*	46,3	123,1	25 200	70 500*	50,3	126,3	17 300	64 900*	54,0	128,4	9 600	59 400*	76,0
80,0	38,0	113,8	28 700	56 000*	42,7	118,9	21 200	64 900*	46,9	122,7	13 800	59 800*	50,8	125,2	6 600	54 600*	80,0
84,0	33,6	108,1	24 600	49 800*	38,8	114,2	17 600	58 000*	43,3	118,6	10 700	55 200*	47,4	121,7	3 800	50 200*	84,0
88,0	28,7	101,3	20 900	44 100*	34,5	108,7	14 300	51 600*	39,5	113,9	7 700	50 900*	43,9	117,7	1 200	46 200*	88,0
92,0	22,7	92,8	17 400	39 000*	29,7	102,1	11 300	45 700*	35,3	108,6	5 000	47 000*	40,1	113,2		42 500*	92,0
96,0	14,6	80,5	14 000	34 500*	24,0	94,0	8 300	40 400*	30,6	102,3	2 500	43 400*	35,9	107,9		39 200*	96,0
100,0					16,6	82,8	5 500	35 800*	25,1	94,5		39 900*	31,3	101,8		36 000*	100,0
104,0									18,1	84,0		36 700*	26,0	94,2		33 000*	104,0
108,0									4,6	62,9		33 200*	19,3	84,4		30 200*	108,0
112,0													8,3	67,3		27 200*	112,0

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

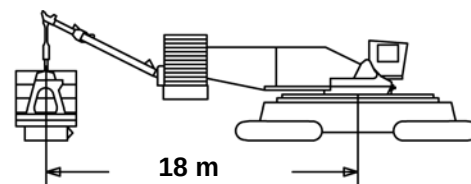
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	243 300	322 400*b													24,0
26,0	61,8	96,2	219 200	296 300*b													26,0
28,0	58,1	95,0	199 100	274 000*b													28,0
30,0	54,2	93,6	181 900	254 500*b	64,1	96,2	162 400	241 800*b									30,0
32,0	50,2	91,9	167 000	237 400*	60,5	95,1	148 800	225 400*b									32,0
34,0	45,9	90,0	153 900	222 200*	56,8	93,8	137 100	211 000*b									34,0
36,0	41,2	87,8	142 300	208 600*	52,9	92,3	126 700	198 100*	62,7	94,5	110 900	187 600*b					36,0
38,0	36,0	85,1	131 900	196 300*	48,7	90,5	117 500	186 600*	59,1	93,3	102 700	176 600*b					38,0
40,0	30,0	81,8	122 400	185 200*	44,3	88,5	109 100	176 100*	55,3	92,0	95 300	166 700*b					40,0
42,0	22,4	77,5	113 600	174 800*	39,5	86,2	101 500	166 500*	51,3	90,4	88 600	157 600*					42,0
44,0	10,0	69,8	104 700	164 800*	34,0	83,3	94 600	157 700*	47,1	88,6	82 500	149 400*	57,4	91,1	70 200	141 000*b	44,0
46,0					27,6	79,8	88 100	149 500*	42,5	86,4	76 900	141 800*	53,6	89,6	65 300	133 800*b	46,0
48,0					19,2	74,8	81 800	141 800*	37,5	83,9	71 700	134 800*	49,5	87,9	60 800	127 200*	48,0
50,0									31,7	80,8	66 800	128 200*	45,1	86,0	56 600	121 100*	50,0
52,0									24,7	76,8	62 100	122 000*	40,3	83,7	52 700	115 400*	52,0
54,0									14,6	70,7	57 300	115 900*	35,0	80,9	49 000	110 100*	54,0
56,0													28,8	77,5	45 500	105 000*	56,0
58,0													20,8	72,9	41 900	100 200*	58,0

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

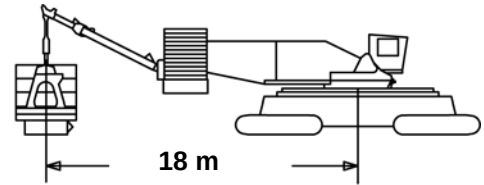
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	242 700	321 000*b													24,0
26,0	66,1	103,1	218 500	294 900*b													26,0
28,0	63,1	102,1	198 400	272 700*b													28,0
30,0	60,0	100,9	181 200	253 400*b	68,1	102,9	160 700	240 000*b									30,0
32,0	56,8	99,6	166 400	236 300*	65,1	102,0	147 300	223 700*b									32,0
34,0	53,5	98,2	153 400	221 300*	62,1	100,9	135 600	209 500*b									34,0
36,0	50,0	96,5	141 900	207 800*	58,9	99,7	125 300	196 700*									36,0
38,0	46,3	94,6	131 700	195 700*	55,7	98,4	116 200	185 200*									38,0
40,0	42,4	92,5	122 500	184 700*	52,3	96,9	108 000	174 800*	60,9	99,3	93 300	164 900*b					40,0
42,0	38,1	90,0	114 200	174 700*	48,8	95,1	100 600	165 400*	57,7	98,0	86 700	156 000*					42,0
44,0	33,4	87,1	106 600	165 500*	45,0	93,2	93 800	156 700*	54,4	96,6	80 800	147 800*					44,0
46,0	27,9	83,5	99 600	157 000*	41,0	90,9	87 700	148 800*	51,0	95,0	75 400	140 400*	59,5	97,1	63 100	131 900*b	46,0
48,0	21,0	78,8	92 900	149 000*	36,6	88,3	81 900	141 500*	47,4	93,2	70 400	133 500*	56,3	95,7	58 700	125 400*	48,0
50,0	10,0	70,9	86 000	141 200*	31,6	85,2	76 600	134 600*	43,5	91,1	65 700	127 100*	52,9	94,2	54 600	119 400*	50,0
52,0					25,7	81,3	71 600	128 200*	39,3	88,7	61 400	121 200*	49,4	92,5	50 900	113 900*	52,0
54,0					18,1	76,0	66 700	122 100*	34,7	85,9	57 400	115 600*	45,7	90,6	47 400	108 700*	54,0
56,0									29,5	82,6	53 500	110 400*	41,7	88,4	44 200	103 800*	56,0
58,0									23,1	78,3	49 800	105 400*	37,3	85,9	41 000	99 200*	58,0
60,0									14,0	71,8	45 900	100 400*	32,5	82,9	38 100	94 900*	60,0
62,0													26,8	79,1	35 300	90 700*	62,0
64,0													19,6	74,2	32 300	86 600*	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).

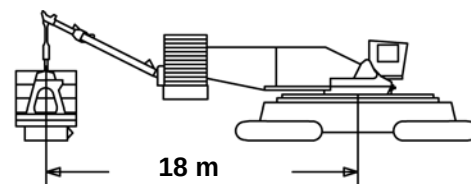
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

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	
22,9	73,2	110,9	258 500	336 200 b													22,9
24,0	71,8	110,5	242 800	319 800 b													24,0
26,0	69,3	109,7	218 500	293 900 b													26,0
28,0	66,7	108,9	198 300	271 700 b													28,0
30,0	64,1	107,9	181 000	252 400*													30,0
32,0	61,5	106,8	166 100	235 400*	68,4	108,7	146 300	222 400 b									32,0
34,0	58,7	105,6	153 200	220 400*	65,8	107,8	134 700	208 200 b									34,0
36,0	55,9	104,3	141 700	207 000*	63,2	106,8	124 400	195 500*									36,0
38,0	52,9	102,8	131 500	194 900*	60,5	105,7	115 300	184 100*									38,0
40,0	49,9	101,1	122 400	184 000*	57,8	104,4	107 200	173 800*									40,0
42,0	46,7	99,2	114 200	174 100*	54,9	103,0	99 800	164 400*	62,2	105,1	85 500	154 700*					42,0
44,0	43,3	97,2	106 700	165 100*	51,9	101,5	93 200	155 800*	59,5	104,0	79 500	146 500*					44,0
46,0	39,6	94,8	99 900	156 800*	48,8	99,7	87 100	148 000*	56,7	102,7	74 200	139 200*					46,0
48,0	35,7	92,1	93 600	149 100*	45,5	97,8	81 500	140 700*	53,8	101,2	69 300	132 300*					48,0
50,0	31,3	88,9	87 800	142 000*	42,1	95,6	76 400	134 100*	50,7	99,6	64 700	126 100*	58,2	101,7	53 100	118 100*	50,0
52,0	26,2	85,1	82 300	135 300*	38,3	93,2	71 600	127 900*	47,6	97,8	60 500	120 200*	55,4	100,4	49 500	112 500*	52,0
54,0	19,9	80,1	77 100	129 000*	34,3	90,3	67 100	122 000*	44,2	95,8	56 600	114 800*	52,4	98,8	46 100	107 400*	54,0
56,0	10,0	72,0	71 600	122 800*	29,7	87,0	62 900	116 600*	40,7	93,5	53 000	109 700*	49,3	97,1	42 900	102 700*	56,0
58,0					24,3	82,8	58 900	111 400*	36,8	90,9	49 600	104 900*	46,1	95,2	40 000	98 200*	58,0
60,0					17,2	77,2	54 900	106 500*	32,6	87,9	46 300	100 400*	42,7	93,1	37 200	94 000*	60,0
62,0									27,7	84,2	43 200	96 200*	39,0	90,7	34 500	90 000*	62,0
64,0									21,8	79,7	40 200	92 000*	35,0	87,9	32 000	86 200*	64,0
66,0									13,5	72,9	36 900	87 900*	30,5	84,7	29 600	82 500*	66,0
68,0													25,2	80,7	27 200	79 100*	68,0
70,0													18,6	75,4	24 800	75 600*	70,0

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

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

Liftcrane Luffing Jib Capacities

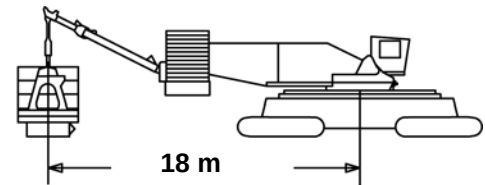
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	
24,4	73,5	116,8	236 500	310 700 b													24,4
26,0	71,7	116,2	217 300	292 200 b													26,0
28,0	69,5	115,5	197 000	270 100 b													28,0
30,0	67,2	114,7	179 700	250 800*													30,0
32,0	64,9	113,7	164 800	233 900*													32,0
34,0	62,5	112,7	151 800	218 900*	68,7	114,4	132 800	206 400 b									34,0
36,0	60,1	111,5	140 300	205 500*	66,4	113,6	122 400	193 600*									36,0
38,0	57,7	110,3	130 200	193 500*	64,1	112,6	113 400	182 200*									38,0
40,0	55,1	108,9	121 100	182 700*	61,7	111,5	105 200	172 000*									40,0
42,0	52,5	107,4	112 900	172 800*	59,3	110,4	97 900	162 700*									42,0
44,0	49,8	105,7	105 500	163 800*	56,8	109,1	91 300	154 200*	63,2	111,0	77 200	144 600*					44,0
46,0	46,9	103,9	98 800	155 600*	54,2	107,6	85 300	146 400*	60,8	109,9	71 900	137 200*					46,0
48,0	44,0	101,8	92 600	148 000*	51,6	106,1	79 800	139 200*	58,4	108,7	67 000	130 500*					48,0
50,0	40,8	99,5	86 900	141 000*	48,8	104,3	74 800	132 600*	55,8	107,3	62 600	124 200*					50,0
52,0	37,4	97,0	81 700	134 500*	45,9	102,4	70 100	126 500*	53,2	105,8	58 500	118 500*	59,7	107,7	46 900	110 500*	52,0
54,0	33,7	94,1	76 800	128 400*	42,9	100,3	65 700	120 800*	50,5	104,2	54 600	113 100*	57,2	106,4	43 600	105 500*	54,0
56,0	29,6	90,7	72 200	122 700*	39,7	97,9	61 700	115 400*	47,7	102,4	51 100	108 100*	54,7	105,0	40 500	100 700*	56,0
58,0	24,9	86,6	67 800	117 300*	36,2	95,3	57 900	110 500*	44,8	100,4	47 800	103 400*	52,0	103,4	37 700	96 300*	58,0
60,0	19,0	81,4	63 500	112 200*	32,4	92,2	54 300	105 700*	41,7	98,2	44 700	99 000*	49,3	101,7	34 900	92 200*	60,0
62,0	10,1	73,1	59 100	107 100*	28,1	88,6	50 900	101 300*	38,4	95,7	41 700	94 900*	46,4	99,9	32 400	88 300*	62,0
64,0					23,1	84,2	47 600	97 000*	34,8	92,9	38 900	90 900*	43,4	97,8	30 000	84 600*	64,0
66,0					16,5	78,4	44 300	92 900*	30,8	89,7	36 300	87 200*	40,2	95,5	27 700	81 100*	66,0
68,0									26,3	85,8	33 700	83 600*	36,8	92,8	25 600	77 700*	68,0
70,0									20,8	81,0	31 100	80 100*	33,0	89,9	23 500	74 500*	70,0
72,0									13,2	74,0	28 500	76 600*	28,8	86,4	21 500	71 500*	72,0
74,0													24,0	82,2	19 500	68 500*	74,0
76,0													17,8	76,6	17 400	65 600*	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).

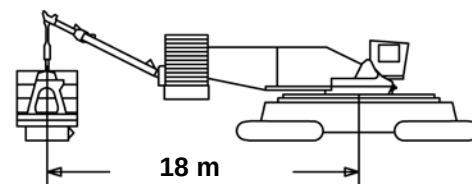
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

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	
25,9	73,7	122,7	217 400	270 100 b													25,9
26,0	73,6	122,7	216 400	270 100 b													26,0
28,0	71,6	122,0	196 000	266 000 b													28,0
30,0	69,6	121,2	178 700	250 000*													30,0
32,0	67,6	120,4	163 700	232 600*													32,0
34,0	65,5	119,5	150 700	217 700*													34,0
36,0	63,4	118,5	139 300	204 300*	68,9	120,2	121 000	192 200*									36,0
38,0	61,3	117,4	129 100	192 300*	66,9	119,4	111 800	180 800*									38,0
40,0	59,1	116,2	120 000	181 500*	64,8	118,4	103 700	170 600*									40,0
42,0	56,8	114,9	111 900	171 700*	62,7	117,4	96 500	161 300*									42,0
44,0	54,5	113,5	104 500	162 700*	60,5	116,3	89 900	152 800*									44,0
46,0	52,2	112,0	97 800	154 500*	58,3	115,1	83 900	145 100*	64,0	116,8	70 100	135 700*					46,0
48,0	49,7	110,3	91 700	147 000*	56,1	113,7	78 400	138 000*	61,9	115,8	65 300	129 000*					48,0
50,0	47,2	108,5	86 000	140 000*	53,7	112,2	73 400	131 400*	59,7	114,6	60 900	122 800*					50,0
52,0	44,5	106,5	80 800	133 600*	51,3	110,7	68 800	125 300*	57,5	113,3	56 800	117 100*					52,0
54,0	41,7	104,2	76 000	127 600*	48,8	108,9	64 500	119 700*	55,2	111,9	53 000	111 700*					54,0
56,0	38,7	101,8	71 600	122 000*	46,3	107,1	60 600	114 400*	52,8	110,4	49 500	106 700*	58,7	112,4	38 700	99 200*	56,0
58,0	35,5	99,1	67 400	116 800*	43,6	105,0	56 900	109 400*	50,4	108,8	46 300	102 100*	56,4	111,0	35 800	94 800*	58,0
60,0	32,1	96,0	63 400	111 800*	40,7	102,7	53 300	104 800*	47,9	107,0	43 200	97 800*	54,1	109,6	33 200	90 800*	60,0
62,0	28,2	92,4	59 700	107 100*	37,7	100,1	50 100	100 500*	45,2	105,1	40 300	93 700*	51,7	108,0	30 700	86 900*	62,0
64,0	23,8	88,1	56 100	102 800*	34,4	97,3	47 000	96 400*	42,5	102,9	37 700	89 800*	49,3	106,3	28 400	83 200*	64,0
66,0	18,3	82,6	52 600	98 500*	30,8	94,1	44 000	92 500*	39,6	100,5	35 100	86 200*	46,7	104,5	26 200	79 800*	66,0
68,0	10,1	74,1	48 900	94 200*	26,8	90,3	41 200	88 800*	36,4	97,9	32 700	82 700*	44,0	102,4	24 100	76 500*	68,0
70,0					22,1	85,7	38 500	85 200*	33,1	94,9	30 400	79 400*	41,2	100,2	22 100	73 400*	70,0
72,0					16,0	79,5	35 700	81 700*	29,3	91,4	28 200	76 200*	38,2	97,7	20 200	70 400*	72,0
74,0									25,1	87,4	26 000	73 100*	35,0	94,9	18 400	67 600*	74,0
76,0									19,9	82,3	23 800	70 100*	31,4	91,7	16 600	64 900*	76,0
80,0													22,9	83,6	13 200	59 800*	80,0

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

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

Liftcrane Luffing Jib Capacities

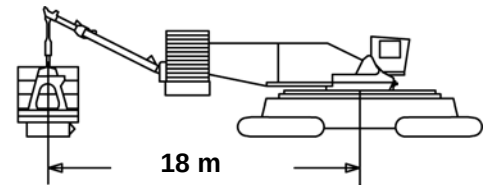
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	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	72,5	128,1	186 600	235 000*													29,0
30,0	71,5	127,8	177 900	235 000*													30,0
32,0	69,7	127,0	162 700	230 900*													32,0
34,0	67,9	126,2	149 500	216 000*													34,0
36,0	66,0	125,3	138 000	202 600*													36,0
38,0	64,1	124,3	127 800	190 700*													38,0
40,0	62,2	123,3	118 700	179 900*	67,2	125,2	101 900	168 700*									40,0
42,0	60,2	122,2	110 500	170 100*	65,4	124,2	94 600	159 400*									42,0
44,0	58,2	120,9	103 100	161 200*	63,5	123,2	88 000	151 000*									44,0
46,0	56,1	119,6	96 400	153 000*	61,5	122,2	82 000	143 300*									46,0
48,0	54,0	118,2	90 200	145 500*	59,5	121,0	76 500	136 200*									48,0
50,0	51,9	116,6	84 600	138 600*	57,5	119,7	71 500	129 600*	62,7	121,6	58 600	120 800*					50,0
52,0	49,6	114,9	79 500	132 100*	55,4	118,3	66 900	123 600*	60,8	120,5	54 500	115 100*					52,0
54,0	47,3	113,1	74 700	126 200*	53,3	116,9	62 700	118 000*	58,8	119,3	50 800	109 800*					54,0
56,0	44,9	111,1	70 200	120 600*	51,1	115,3	58 700	112 700*	56,7	118,0	47 300	104 800*					56,0
58,0	42,4	108,9	66 100	115 400*	48,9	113,5	55 000	107 800*	54,6	116,6	44 100	100 200*	59,9	118,3	33 300	92 800*	58,0
60,0	39,8	106,6	62 200	110 600*	46,5	111,7	51 600	103 200*	52,5	115,0	41 100	95 900*	57,8	117,0	30 700	88 700*	60,0
62,0	37,0	104,0	58 500	106 000*	44,1	109,6	48 400	98 900*	50,3	113,4	38 300	91 900*	55,8	115,7	28 200	84 900*	62,0
64,0	33,9	101,1	55 100	101 700*	41,5	107,4	45 400	94 900*	48,0	111,6	35 600	88 100*	53,7	114,2	25 900	81 300*	64,0
66,0	30,7	97,8	51 900	97 600*	38,8	104,9	42 500	91 100*	45,6	109,7	33 100	84 500*	51,5	112,7	23 800	77 900*	66,0
68,0	27,0	94,0	48 800	93 700*	35,9	102,2	39 800	87 500*	43,1	107,6	30 800	81 100*	49,2	110,9	21 800	74 700*	68,0
70,0	22,8	89,6	45 800	90 000*	32,9	99,2	37 200	84 000*	40,5	105,3	28 500	77 800*	46,9	109,1	19 800	71 600*	70,0
72,0	17,7	83,9	42 900	86 400*	29,5	95,8	34 800	80 700*	37,7	102,7	26 400	74 700*	44,5	107,1	18 000	68 700*	72,0
74,0	10,1	75,2	39 700	82 800*	25,7	91,8	32 400	77 500*	34,8	99,9	24 400	71 700*	42,0	104,9	16 300	65 900*	74,0
76,0					21,2	87,0	30 100	74 500*	31,6	96,7	22 400	68 900*	39,3	102,5	14 600	63 300*	76,0
80,0									24,0	88,9	18 700	63 600*	33,4	96,9	11 400	58 400*	80,0
84,0									12,7	76,2	14 900	58 500*	26,3	89,7	8 500	53 900*	84,0
88,0													16,6	79,0	5 500	49 500*	88,0

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

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

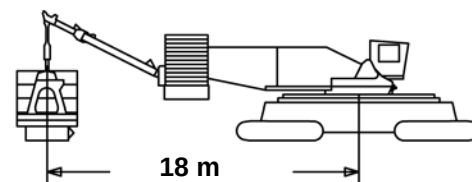
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

**21000
MAX-ER**



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	
30,5	72,7	134,0	172 500	205 900*													30,5
32,0	71,5	133,5	161 200	205 900*													32,0
34,0	69,8	132,8	148 000	205 900*													34,0
36,0	68,1	132,0	136 500	200 700*													36,0
38,0	66,4	131,1	126 300	189 200*													38,0
40,0	64,7	130,2	117 100	178 400*	69,2	131,8	100 000	167 000*									40,0
42,0	62,9	129,1	108 900	168 600*	67,5	130,9	92 700	157 800*									42,0
44,0	61,1	128,0	101 500	159 700*	65,8	130,0	86 100	149 300*									44,0
46,0	59,3	126,9	94 800	151 600*	64,1	129,1	80 100	141 700*									46,0
48,0	57,5	125,6	88 700	144 100*	62,3	128,0	74 700	134 600*									48,0
50,0	55,6	124,2	83 000	137 100*	60,5	126,9	69 700	128 000*									50,0
52,0	53,6	122,8	77 900	130 700*	58,7	125,7	65 100	122 000*	63,4	127,4	52 400	113 300*					52,0
54,0	51,6	121,2	73 100	124 800*	56,8	124,4	60 800	116 400*	61,6	126,4	48 700	108 100*					54,0
56,0	49,6	119,5	68 700	119 300*	54,9	123,0	56 900	111 200*	59,8	125,2	45 200	103 200*					56,0
58,0	47,5	117,7	64 500	114 100*	53,0	121,5	53 300	106 300*	58,0	124,0	42 000	98 600*					58,0
60,0	45,3	115,7	60 700	109 300*	50,9	119,9	49 900	101 800*	56,1	122,6	39 000	94 300*					60,0
62,0	43,0	113,6	57 100	104 700*	48,9	118,1	46 700	97 500*	54,2	121,2	36 300	90 300*	59,0	123,0	26 000	83 200*	62,0
64,0	40,6	111,3	53 800	100 500*	46,7	116,3	43 700	93 500*	52,2	119,7	33 700	86 500*	57,1	121,7	23 800	79 600*	64,0
66,0	38,1	108,8	50 600	96 500*	44,5	114,3	40 900	89 700*	50,2	118,0	31 200	82 900*	55,2	120,3	21 600	76 200*	66,0
68,0	35,4	106,0	47 500	92 600*	42,2	112,1	38 200	86 100*	48,1	116,2	28 900	79 600*	53,3	118,8	19 700	73 000*	68,0
70,0	32,6	103,0	44 700	89 000*	39,8	109,7	35 700	82 700*	45,9	114,3	26 700	76 300*	51,3	117,2	17 700	69 900*	70,0
72,0	29,5	99,6	42 000	85 600*	37,2	107,1	33 300	79 500*	43,6	112,2	24 600	73 200*	49,2	115,5	16 000	67 100*	72,0
74,0	26,0	95,6	39 300	82 300*	34,5	104,3	31 000	76 400*	41,3	110,0	22 600	70 300*	47,1	113,7	14 300	64 300*	74,0
76,0	22,0	90,9	36 800	79 100*	31,5	101,1	28 800	73 400*	38,8	107,5	20 700	67 500*	44,9	111,7	12 600	61 800*	76,0
80,0	10,1	76,3	31 600	72 800*	24,7	93,4	24 700	67 800*	33,4	101,9	17 200	62 400*	40,2	107,2	9 600	56 900*	80,0
84,0					15,1	81,8	20 700	62 500*	27,0	94,8	13 900	57 600*	34,9	101,9	6 800	52 500*	84,0
88,0									18,6	84,9	10 700	53 100*	28,9	95,2	4 200	48 500*	88,0
92,0													21,3	86,4	1 600	44 600*	92,0
96,0													8,2	70,3		40 700*	96,0

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

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

Liftcrane Luffing Jib Capacities

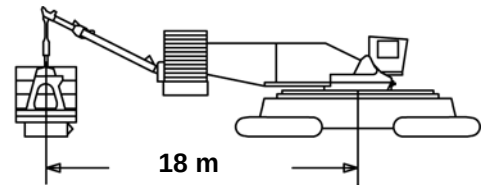
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	
33,5	71,8	139,4	149 400	180 100*													33,5
34,0	71,4	139,3	146 500	180 100*													34,0
36,0	69,9	138,5	134 800	180 100*													36,0
38,0	68,3	137,7	124 500	180 100*													38,0
40,0	66,8	136,9	115 400	176 000*													40,0
42,0	65,2	136,0	107 100	167 200*	69,4	137,5	90 500	155 900*									42,0
44,0	63,6	135,0	99 700	158 100*	67,8	136,7	83 900	147 500*									44,0
46,0	61,9	133,9	93 000	149 900*	66,2	135,8	77 900	139 800*									46,0
48,0	60,3	132,8	86 900	142 500*	64,6	134,9	72 500	132 700*									48,0
50,0	58,6	131,6	81 300	135 600*	63,0	133,9	67 500	126 200*									50,0
52,0	56,8	130,2	76 100	129 200*	61,4	132,8	63 000	120 200*									52,0
54,0	55,1	128,9	71 400	123 300*	59,7	131,6	58 700	114 600*	64,0	133,3	46 200	106 100*					54,0
56,0	53,3	127,4	66 900	117 700*	58,0	130,4	54 800	109 400*	62,4	132,2	42 800	101 200*					56,0
58,0	51,4	125,8	62 800	112 600*	56,2	129,0	51 200	104 600*	60,7	131,1	39 600	96 600*					58,0
60,0	49,5	124,1	59 000	107 800*	54,5	127,6	47 800	100 000*	59,0	129,9	36 700	92 400*					60,0
62,0	47,6	122,3	55 400	103 300*	52,7	126,1	44 600	95 800*	57,3	128,6	33 900	88 400*					62,0
64,0	45,6	120,3	52 100	99 000*	50,8	124,5	41 600	91 800*	55,6	127,3	31 300	84 600*	60,0	128,9	21 100	77 500*	64,0
66,0	43,5	118,3	48 900	95 000*	48,9	122,7	38 900	88 000*	53,8	125,8	28 900	81 100*	58,3	127,7	19 100	74 200*	66,0
68,0	41,3	116,0	46 000	91 300*	46,9	120,9	36 200	84 500*	51,9	124,3	26 600	77 800*	56,5	126,4	17 100	71 000*	68,0
70,0	39,0	113,6	43 200	87 700*	44,9	118,9	33 800	81 100*	50,1	122,6	24 400	74 600*	54,8	124,9	15 200	68 000*	70,0
72,0	36,6	110,9	40 500	84 300*	42,8	116,8	31 400	77 900*	48,1	120,8	22 400	71 500*	53,0	123,4	13 500	65 100*	72,0
74,0	34,1	108,1	38 000	81 100*	40,5	114,4	29 200	74 900*	46,1	118,9	20 500	68 600*	51,1	121,8	11 800	62 400*	74,0
76,0	31,4	104,8	35 600	78 000*	38,2	111,9	27 100	71 900*	44,1	116,9	18 600	65 900*	49,2	120,1	10 200	59 900*	76,0
80,0	25,1	97,2	31 000	72 200*	33,2	106,2	23 100	66 500*	39,7	112,3	15 100	60 800*	45,2	116,3	7 300	55 100*	80,0
84,0	16,7	86,3	26 600	66 700*	27,3	99,2	19 400	61 500*	34,8	106,9	12 000	56 100*	40,9	111,9	4 600	50 800*	84,0
88,0					19,9	89,7	15 900	56 800*	29,2	100,3	9 000	51 800*	36,2	106,8	2 100	46 800*	88,0
92,0									22,4	91,8	6 200	47 800*	30,9	100,6		43 100*	92,0
96,0									12,3	78,3	3 300	44 000*	24,5	92,7		39 700*	96,0
100,0													15,8	81,3		36 400*	100,0

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

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

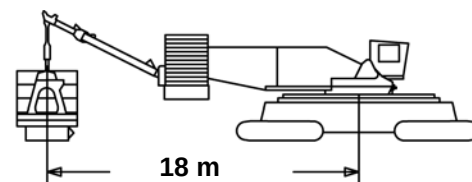
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

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	
36,6	71,0	144,8	131 000	157 300*													36,6
38,0	70,0	144,3	123 700	157 300*													38,0
40,0	68,5	143,5	114 400	157 300*													40,0
42,0	67,1	142,7	106 100	156 800*													42,0
44,0	65,6	141,8	98 700	153 600*													44,0
46,0	64,1	140,8	91 900	148 600*	68,0	142,5	76 500	138 200*									46,0
48,0	62,6	139,8	85 700	141 100*	66,6	141,6	71 000	131 200*									48,0
50,0	61,1	138,7	80 100	134 200*	65,1	140,7	66 000	124 700*									50,0
52,0	59,5	137,5	74 900	127 800*	63,6	139,7	61 400	118 700*									52,0
54,0	57,9	136,2	70 100	121 900*	62,1	138,6	57 200	113 100*									54,0
56,0	56,3	134,9	65 600	116 500*	60,5	137,5	53 200	108 000*									56,0
58,0	54,7	133,5	61 600	111 300*	59,0	136,3	49 600	103 100*	63,0	138,1	37 800	95 000*					58,0
60,0	53,0	132,0	57 700	106 500*	57,4	135,0	46 200	98 600*	61,5	137,0	34 900	90 800*					60,0
62,0	51,3	130,4	54 100	102 000*	55,7	133,7	43 000	94 400*	59,9	135,8	32 100	86 800*					62,0
64,0	49,5	128,7	50 800	97 800*	54,1	132,2	40 100	90 400*	58,3	134,6	29 500	83 100*					64,0
66,0	47,7	126,9	47 600	93 800*	52,4	130,7	37 300	86 600*	56,7	133,3	27 100	79 600*					66,0
68,0	45,8	125,0	44 700	90 000*	50,7	129,1	34 700	83 100*	55,1	131,9	24 800	76 300*	59,2	133,6	15 100	69 400*	68,0
70,0	43,9	122,9	41 900	86 500*	48,9	127,3	32 200	79 800*	53,4	130,4	22 600	73 100*	57,6	132,4	13 200	66 400*	70,0
72,0	41,9	120,7	39 200	83 100*	47,1	125,5	29 900	76 600*	51,7	128,9	20 600	70 100*	56,0	131,0	11 500	63 600*	72,0
74,0	39,8	118,3	36 700	79 900*	45,2	123,5	27 700	73 600*	50,0	127,2	18 700	67 200*	54,4	129,6	9 800	60 900*	74,0
76,0	37,6	115,8	34 400	76 900*	43,2	121,4	25 600	70 700*	48,2	125,4	16 900	64 500*	52,7	128,1	8 300	58 300*	76,0
80,0	32,9	110,0	29 900	71 200*	39,1	116,7	21 700	65 300*	44,4	121,5	13 500	59 500*	49,2	124,7	5 400	53 600*	80,0
84,0	27,5	102,9	25 900	65 000*	34,5	111,2	18 100	60 400*	40,4	117,0	10 400	54 900*	45,5	121,0	2 700	49 300*	84,0
88,0	20,7	93,7	22 000	59 300*	29,4	104,7	14 800	55 900*	36,0	111,8	7 600	50 600*	41,5	116,7	300	45 400*	88,0
92,0	10,1	78,4	18 100	54 600*	23,1	96,3	11 700	51 700*	31,0	105,6	4 900	46 700*	37,3	111,7		41 800*	92,0
96,0					14,5	84,1	8 600	47 600*	25,2	97,9	2 400	43 100*	32,5	105,8		38 500*	96,0
100,0									17,6	87,3		39 700*	26,9	98,6		35 400*	100,0
104,0													20,0	89,0		32 300*	104,0
108,0													8,6	72,5		29 300*	108,0

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

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

Liftcrane Luffing Jib Capacities

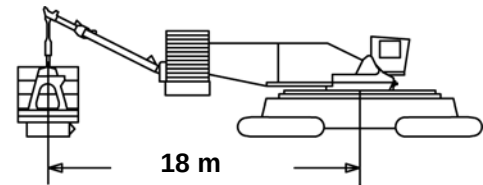
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	
39,6	70,3	150,2	114 300	138 000*													39,6
40,0	70,0	150,1	112 700	138 000*													40,0
42,0	68,7	149,3	104 300	138 000*													42,0
44,0	67,3	148,4	96 800	137 900*													44,0
46,0	65,9	147,6	90 000	134 600*	69,6	149,0	74 200	136 300*									46,0
48,0	64,6	146,6	83 800	129 000*	68,2	148,2	68 800	129 300*									48,0
50,0	63,2	145,6	78 200	123 500*	66,9	147,4	63 800	122 800*									50,0
52,0	61,7	144,5	73 000	118 000*	65,5	146,5	59 200	116 900*									52,0
54,0	60,3	143,4	68 200	112 600*	64,1	145,5	55 000	111 300*									54,0
56,0	58,8	142,2	63 800	107 500*	62,7	144,5	51 100	106 100*									56,0
58,0	57,3	140,9	59 600	102 300*	61,2	143,4	47 400	101 300*	64,9	144,9	35 300	93 000*					58,0
60,0	55,8	139,6	55 800	97 400*	59,8	142,2	44 100	96 800*	63,5	143,9	32 400	88 800*					60,0
62,0	54,3	138,1	52 300	92 600*	58,3	141,0	40 900	92 600*	62,1	142,8	29 600	84 800*					62,0
64,0	52,7	136,6	49 000	88 000*	56,8	139,7	38 000	88 600*	60,7	141,7	27 100	81 100*					64,0
66,0	51,1	135,0	45 800	83 600*	55,3	138,3	35 200	84 900*	59,2	140,5	24 700	77 600*					66,0
68,0	49,5	133,3	42 900	79 300*	53,8	136,9	32 600	81 400*	57,8	139,3	22 400	74 400*					68,0
70,0	47,8	131,5	40 100	75 200*	52,2	135,3	30 100	78 100*	56,2	137,9	20 300	71 200*					70,0
72,0	46,0	129,6	37 400	71 200*	50,6	133,7	27 800	74 900*	54,7	136,5	18 300	68 200*	58,6	138,3	8 900	61 500*	72,0
74,0	44,3	127,6	35 000	67 400*	48,9	131,9	25 600	72 000*	53,2	135,0	16 400	65 400*	57,1	137,0	7 300	58 900*	74,0
76,0	42,4	125,4	32 600	63 800*	47,2	130,1	23 600	69 100*	51,6	133,5	14 600	62 700*	55,6	135,6	5 700	56 400*	76,0
80,0	38,5	120,6	28 200	56 900*	43,6	126,1	19 700	63 800*	48,2	130,0	11 200	57 700*	52,4	132,7	2 900	51 700*	80,0
84,0	34,2	115,0	24 300	50 600*	39,8	121,5	16 200	58 900*	44,8	126,1	8 200	53 100*	49,2	129,3		47 400*	84,0
88,0	29,4	108,4	20 600	44 900*	35,7	116,2	13 000	53 300*	41,0	121,7	5 400	49 000*	45,7	125,6		43 600*	88,0
92,0	23,6	100,2	17 100	39 600*	31,0	110,0	10 000	47 300*	37,0	116,7	2 800	45 200*	42,1	121,3		40 000*	92,0
96,0	16,0	88,6	13 700	35 100*	25,6	102,3	7 200	41 900*	32,5	110,8	500	41 600*	38,1	116,5		36 700*	96,0
100,0					18,8	92,2	4 500	37 000*	27,4	103,7		38 300*	33,8	110,8		33 700*	100,0
104,0									21,1	94,5		35 200*	28,9	104,1		30 900*	104,0
108,0									12,0	80,5		32 100*	23,0	95,7		28 100*	108,0
112,0													15,1	83,7		25 300*	112,0

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

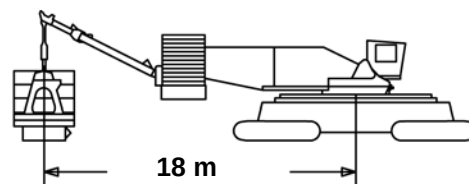
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	218 700	294 500*b													26,0
28,0	59,1	101,4	198 500	272 300*b													28,0
30,0	55,3	100,0	181 400	253 000*b				c									30,0
32,0	51,3	98,4	166 500	236 000*	62,4	101,7	145 700	222 200*b									32,0
34,0	47,0	96,6	153 400	220 900*	58,8	100,5	134 200	208 100*b									34,0
36,0	42,5	94,5	141 900	207 400*	55,0	99,1	123 900	195 400*b									36,0
38,0	37,4	92,0	131 500	195 200*	51,0	97,5	114 900	184 000*	62,0	100,2	97 900	172 500*b					38,0
40,0	31,7	88,9	122 100	184 000*	46,7	95,6	106 700	173 600*	58,3	99,0	90 800	162 800*b					40,0
42,0	24,6	84,9	113 400	173 800*	42,1	93,5	99 300	164 200*	54,5	97,6	84 400	154 000*b					42,0
44,0	14,5	78,7	104 900	164 100*	37,0	90,9	92 500	155 500*	50,5	95,9	78 500	145 900*					44,0
46,0					31,2	87,8	86 200	147 500*	46,1	94,0	73 200	138 500*	57,6	96,9	59 800	129 400*b	46,0
48,0					24,0	83,7	80 200	140 000*	41,5	91,8	68 200	131 700*	53,7	95,4	55 500	123 000*b	48,0
50,0					13,3	77,2	74 100	132 700*	36,3	89,2	63 600	125 300*	49,6	93,8	51 700	117 100*	50,0
52,0									30,4	86,0	59 200	119 300*	45,3	91,8	48 000	111 600*	52,0
54,0									23,0	81,7	54 900	113 600*	40,5	89,5	44 600	106 400*	54,0
56,0									11,2	74,5	50 200	107 800*	35,2	86,8	41 300	101 600*	56,0
58,0													29,1	83,4	38 200	97 000*	58,0
60,0													21,2	78,8	35 000	92 500*	60,0

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

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

Liftcrane Luffing Jib Capacities

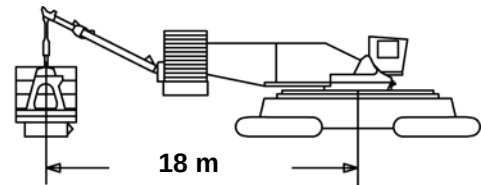
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	218 400	293 100*b													26,0
28,0	63,9	108,4	198 200	271 000*b													28,0
30,0	60,9	107,3	181 000	251 800*b													30,0
32,0	57,7	106,1	166 100	234 900*	66,7	108,5	144 200	220 500*b									32,0
34,0	54,4	104,7	153 100	219 900*	63,7	107,5	132 800	206 400*b									34,0
36,0	51,0	103,0	141 600	206 400*	60,6	106,4	122 600	193 800*b									36,0
38,0	47,3	101,2	131 400	194 400*	57,4	105,1	113 600	182 500*									38,0
40,0	43,5	99,2	122 200	183 500*	54,1	103,7	105 500	172 200*	63,3	106,0	88 800	160 900*b					40,0
42,0	39,3	96,8	113 900	173 500*	50,7	102,1	98 300	162 900*	60,2	104,9	82 400	152 200*b					42,0
44,0	34,7	94,0	106 300	164 400*	47,0	100,2	91 600	154 400*	57,0	103,6	76 700	144 200*					44,0
46,0	29,4	90,6	99 300	156 000*	43,2	98,2	85 600	146 600*	53,7	102,2	71 500	136 900*					46,0
48,0	23,0	86,3	92 700	148 200*	39,0	95,8	80 000	139 400*	50,2	100,5	66 700	130 200*					48,0
50,0	13,9	79,8	86 200	140 600*	34,3	92,9	74 800	132 700*	46,6	98,7	62 200	124 000*	56,4	101,5	49 500	115 200*	50,0
52,0					29,0	89,5	69 900	126 400*	42,7	96,5	58 100	118 200*	53,1	100,0	46 000	109 800*	52,0
54,0					22,5	85,1	65 200	120 400*	38,4	94,1	54 200	112 800*	49,5	98,3	42 700	104 800*	54,0
56,0					12,9	78,2	60 400	114 600*	33,7	91,2	50 600	107 700*	45,8	96,4	39 700	100 100*	56,0
58,0									28,2	87,7	47 100	102 900*	41,9	94,2	36 800	95 700*	58,0
60,0									21,5	83,1	43 600	98 300*	37,5	91,7	34 100	91 600*	60,0
62,0									11,1	75,6	39 800	93 600*	32,7	88,7	31 400	87 600*	62,0
64,0													27,1	85,1	28 900	83 700*	64,0
66,0													19,9	80,1	26 300	79 900*	66,0

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

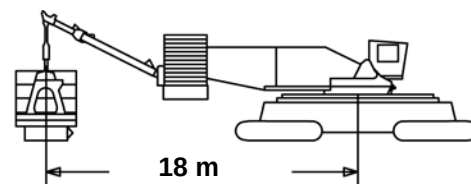
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
22,9				c													22,9
24,0				c													24,0
26,0	70,0	116,0	217 800	292 000*b													26,0
28,0	67,4	115,2	197 600	269 900*b													28,0
30,0	64,8	114,2	180 300	250 700*b													30,0
32,0	62,2	113,2	165 500	233 900*	69,8	115,1	142 900	219 100*b									32,0
34,0	59,4	112,0	152 500	218 900*	67,2	114,3	131 500	205 100*b									34,0
36,0	56,6	110,7	141 100	205 600*	64,6	113,3	121 400	192 500*b									36,0
38,0	53,7	109,3	130 900	193 600*	62,0	112,3	112 400	181 300*									38,0
40,0	50,7	107,6	121 800	182 800*	59,2	111,1	104 500	171 100*									40,0
42,0	47,5	105,8	113 600	173 000*	56,4	109,8	97 200	161 900*									42,0
44,0	44,2	103,8	106 200	164 000*	53,5	108,3	90 700	153 400*	61,6	110,8	75 200	142 900*					44,0
46,0	40,6	101,5	99 400	155 700*	50,5	106,7	84 800	145 700*	58,9	109,6	70 000	135 600*					46,0
48,0	36,8	98,9	93 200	148 100*	47,3	104,9	79 300	138 600*	56,1	108,3	65 300	129 000*					48,0
50,0	32,5	95,9	87 400	141 000*	43,9	102,8	74 300	132 000*	53,1	106,8	61 000	122 800*					50,0
52,0	27,7	92,3	82 000	134 400*	40,4	100,5	69 600	125 900*	50,1	105,1	56 900	117 100*	58,3	107,5	44 300	108 400*	52,0
54,0	21,8	87,7	76 800	128 200*	36,5	97,9	65 300	120 200*	46,9	103,3	53 200	111 800*	55,5	106,2	41 100	103 500*	54,0
56,0	13,4	80,9	71 600	122 200*	32,2	94,8	61 100	114 800*	43,5	101,2	49 700	106 900*	52,5	104,6	38 200	98 800*	56,0
58,0					27,2	91,1	57 300	109 800*	39,9	98,9	46 400	102 200*	49,5	102,9	35 400	94 500*	58,0
60,0					21,2	86,4	53 500	104 900*	36,0	96,2	43 400	97 800*	46,2	101,1	32 800	90 500*	60,0
62,0					12,6	79,3	49 500	100 200*	31,6	93,1	40 400	93 700*	42,8	98,9	30 400	86 600*	62,0
64,0									26,6	89,3	37 600	89 700*	39,1	96,5	28 000	83 000*	64,0
66,0									20,4	84,4	34 700	85 900*	35,1	93,8	25 800	79 500*	66,0
68,0									11,0	76,6	31 600	81 900*	30,7	90,5	23 600	76 100*	68,0
70,0													25,5	86,6	21 500	72 900*	70,0
72,0													18,9	81,4	19 400	69 800*	72,0

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

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

Liftcrane Luffing Jib Capacities

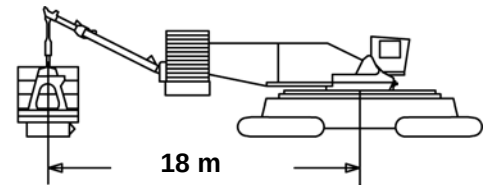
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	
24,4	74,1	123,0	235 700	282 100* b													24,4
26,0	72,3	122,5	216 500	281 700* b													26,0
28,0	70,1	121,8	196 200	269 300* b													28,0
30,0	67,8	120,9	179 000	249 100* b													30,0
32,0	65,5	120,1	164 100	232 300*													32,0
34,0	63,2	119,0	151 100	217 400*													34,0
36,0	60,8	117,9	139 700	204 100*	67,6	120,1	119 400	190 700* b									36,0
38,0	58,3	116,7	129 600	192 200*	65,3	119,1	110 400	179 400*									38,0
40,0	55,8	115,3	120 500	181 400*	63,0	118,1	102 400	169 300*									40,0
42,0	53,2	113,9	112 300	171 600*	60,6	117,0	95 300	160 100*									42,0
44,0	50,5	112,2	105 000	162 700*	58,1	115,8	88 800	151 700*									44,0
46,0	47,7	110,4	98 200	154 500*	55,6	114,4	82 900	144 000*	62,7	116,7	67 600	133 600*					46,0
48,0	44,8	108,5	92 100	146 900*	53,0	112,9	77 500	137 000*	60,3	115,5	62 900	127 000*					48,0
50,0	41,7	106,2	86 400	140 000*	50,3	111,3	72 600	130 400*	57,8	114,3	58 600	120 900*					50,0
52,0	38,3	103,8	81 200	133 500*	47,5	109,5	68 000	124 400*	55,3	112,9	54 700	115 300*					52,0
54,0	34,7	101,0	76 300	127 500*	44,5	107,5	63 700	118 800*	52,7	111,4	51 100	110 000*					54,0
56,0	30,8	97,7	71 700	121 800*	41,4	105,2	59 800	113 500*	50,0	109,7	47 700	105 100*	57,3	112,2	35 600	96 800*	56,0
58,0	26,2	93,9	67 400	116 500*	38,1	102,7	56 100	108 600*	47,1	107,9	44 500	100 500*	54,8	110,8	32 900	92 500*	58,0
60,0	20,7	89,0	63 200	111 400*	34,4	99,9	52 600	104 000*	44,2	105,9	41 500	96 200*	52,2	109,2	30 400	88 500*	60,0
62,0	13,1	82,0	59 000	106 500*	30,4	96,6	49 300	99 600*	41,0	103,6	38 700	92 200*	49,4	107,5	28 000	84 800*	62,0
64,0					25,8	92,7	46 100	95 400*	37,6	101,1	36 000	88 400*	46,6	105,7	25 800	81 200*	64,0
66,0					20,3	87,8	43 000	91 500*	34,0	98,2	33 500	84 800*	43,6	103,6	23 700	77 800*	66,0
68,0					12,3	80,4	39 700	87 500*	29,9	94,8	31 100	81 300*	40,4	101,3	21 700	74 600*	68,0
70,0									25,2	90,8	28 700	78 000*	36,9	98,7	19 800	71 500*	70,0
72,0									19,4	85,7	26 300	74 700*	33,2	95,7	17 900	68 600*	72,0
74,0									10,9	77,7	23 700	71 300*	29,0	92,3	16 100	65 800*	74,0
76,0													24,2	88,1	14 300	63 100*	76,0

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

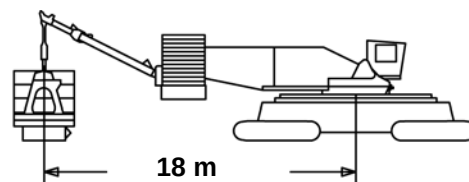
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
27,4	72,7	128,4	201 400	246 700*(b)													27,4
28,0	72,1	128,2	196 200	246 700*(b)													28,0
30,0	70,1	127,5	178 500	244 200*													30,0
32,0	68,1	126,7	163 500	231 000*													32,0
34,0	66,1	125,8	150 400	216 100*													34,0
36,0	64,0	124,9	138 900	202 900*													36,0
38,0	61,8	123,8	128 800	191 000*	68,0	125,8	109 100	177 900*									38,0
40,0	59,7	122,6	119 700	180 200*	65,9	124,9	101 100	167 800*									40,0
42,0	57,4	121,4	111 500	170 400*	63,8	124,0	94 000	158 700*									42,0
44,0	55,2	120,0	104 100	161 600*	61,7	122,9	87 500	150 300*									44,0
46,0	52,8	118,5	97 400	153 400*	59,5	121,7	81 600	142 700*									46,0
48,0	50,4	116,8	91 300	145 900*	57,3	120,4	76 200	135 700*	63,5	122,5	61 300	125 500*					48,0
50,0	47,8	115,1	85 700	139 000*	55,0	119,0	71 300	129 200*	61,4	121,4	57 000	119 400*					50,0
52,0	45,2	113,1	80 500	132 600*	52,6	117,5	66 800	123 200*	59,2	120,2	53 100	113 800*					52,0
54,0	42,4	110,9	75 700	126 600*	50,2	115,9	62 500	117 600*	57,0	118,9	49 500	108 600*					54,0
56,0	39,5	108,6	71 200	121 100*	47,6	114,1	58 600	112 400*	54,7	117,5	46 100	103 700*					56,0
58,0	36,4	105,9	67 000	115 900*	45,0	112,1	55 000	107 600*	52,3	116,0	43 000	99 200*	58,8	118,1	31 000	90 900*	58,0
60,0	33,0	102,9	63 100	110 900*	42,2	109,9	51 600	103 000*	49,9	114,3	40 100	95 000*	56,5	116,8	28 600	87 000*	60,0
62,0	29,3	99,5	59 400	105 400*	39,3	107,5	48 400	98 700*	47,3	112,5	37 300	91 000*	54,2	115,4	26 300	83 300*	62,0
64,0	25,0	95,4	55 800	100 500*	36,2	104,8	45 400	94 700*	44,7	110,5	34 700	87 200*	51,8	113,8	24 100	79 800*	64,0
66,0	19,9	90,3	52 400	96 300*	32,7	101,8	42 500	90 800*	41,9	108,3	32 300	83 700*	49,4	112,1	22 000	76 400*	66,0
68,0	12,8	83,1	48 900	93 100*	29,0	98,3	39 700	87 200*	38,9	105,9	29 900	80 300*	46,8	110,3	20 100	73 300*	68,0
70,0					24,7	94,2	37 100	83 700*	35,7	103,2	27 700	77 100*	44,1	108,2	18 200	70 300*	70,0
72,0					19,4	89,0	34 500	80 400*	32,3	100,1	25 600	74 000*	41,3	106,0	16 500	67 400*	72,0
74,0					12,1	81,5	31 700	76 900*	28,5	96,5	23 600	71 000*	38,3	103,5	14 800	64 700*	74,0
76,0									24,1	92,3	21 600	68 200*	35,1	100,8	13 200	62 100*	76,0
80,0									10,8	78,8	17 300	62 500*	27,7	93,9	10 100	57 200*	80,0
84,0													17,4	83,8	7 000	52 600*	84,0

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

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

Liftcrane Luffing Jib Capacities

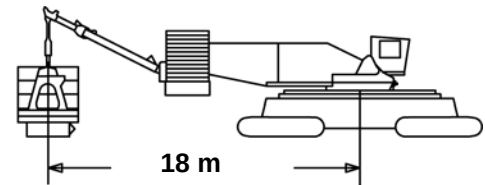
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	
30,5	71,6	133,8	173 100	216 400*													30,5
32,0	70,2	133,3	161 900	216 400*													32,0
34,0	68,4	132,5	148 800	210 000*													34,0
36,0	66,5	131,6	137 300	201 000*													36,0
38,0	64,6	130,7	127 100	189 300*													38,0
40,0	62,7	129,7	118 000	178 600*	68,2	131,6	98 900	165 800*									40,0
42,0	60,7	128,5	109 800	168 900*	66,4	130,7	91 700	156 700*									42,0
44,0	58,7	127,3	102 500	160 000*	64,5	129,8	85 300	148 400*									44,0
46,0	56,7	126,0	95 800	151 800*	62,5	128,7	79 400	140 800*									46,0
48,0	54,6	124,6	89 600	144 400*	60,6	127,6	74 100	133 800*									48,0
50,0	52,5	123,1	84 100	137 500*	58,6	126,4	69 200	127 400*									50,0
52,0	50,2	121,4	78 900	131 200*	56,5	125,1	64 700	121 400*	62,3	127,3	50 500	111 700*					52,0
54,0	48,0	119,7	74 100	125 200*	54,4	123,7	60 500	115 900*	60,3	126,1	47 000	106 600*					54,0
56,0	45,6	117,7	69 700	119 700*	52,3	122,1	56 600	110 700*	58,3	124,9	43 700	101 800*					56,0
58,0	43,1	115,6	65 600	114 500*	50,1	120,5	53 000	105 900*	56,3	123,6	40 600	97 300*					58,0
60,0	40,5	113,3	61 700	109 600*	47,8	118,7	49 700	101 400*	54,2	122,1	37 700	93 000*					60,0
62,0	37,7	110,8	58 100	104 200*	45,4	116,7	46 500	97 200*	52,0	120,6	35 000	89 100*	57,9	122,8	23 600	81 200*	62,0
64,0	34,8	107,9	54 700	99 000*	42,9	114,6	43 600	93 200*	49,8	118,9	32 500	85 400*	55,9	121,5	21 500	77 800*	64,0
66,0	31,6	104,8	51 500	94 300*	40,3	112,3	40 800	89 400*	47,5	117,1	30 100	81 900*	53,8	120,0	19 500	74 400*	66,0
68,0	28,0	101,2	48 400	90 000*	37,5	109,7	38 200	85 800*	45,1	115,1	27 800	78 600*	51,6	118,4	17 600	71 300*	68,0
70,0	24,0	96,9	45 400	86 200*	34,5	106,9	35 600	82 400*	42,6	113,0	25 700	75 500*	49,3	116,7	15 800	68 400*	70,0
72,0	19,2	91,6	42 500	82 900*	31,3	103,7	33 300	79 200*	39,9	110,6	23 700	72 400*	47,0	114,9	14 100	65 500*	72,0
74,0	12,6	84,2	39 600	80 600*	27,7	100,0	30 900	76 200*	37,1	108,0	21 700	69 500*	44,6	112,9	12 500	62 900*	74,0
76,0					23,7	95,7	28 700	73 100*	34,1	105,2	19 900	66 800*	42,1	110,7	10 900	60 300*	76,0
80,0					11,9	82,6	24 100	67 300*	27,3	98,2	16 300	61 600*	36,6	105,7	8 000	55 600*	80,0
84,0									18,0	88,2	12 900	56 700*	30,2	99,4	5 300	51 300*	84,0
88,0													22,2	90,9	2 700	47 200*	88,0

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

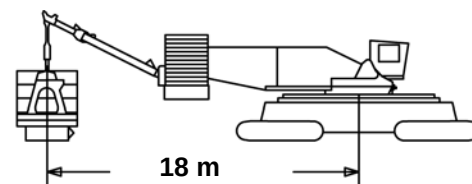
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
32,0	71,9	139,8	160 400	191 000*													32,0
34,0	70,3	139,1	147 200	190 800*													34,0
36,0	68,6	138,3	135 700	188 200*													36,0
38,0	66,9	137,4	125 500	181 500*													38,0
40,0	65,1	136,5	116 400	174 900*													40,0
42,0	63,4	135,5	108 200	167 400*	68,4	137,4	89 800	155 100*									42,0
44,0	61,6	134,4	100 800	158 500*	66,7	136,5	83 300	146 700*									44,0
46,0	59,8	133,3	94 100	150 400*	65,0	135,6	77 500	139 200*									46,0
48,0	58,0	132,0	88 000	142 900*	63,3	134,6	72 100	132 200*									48,0
50,0	56,1	130,7	82 400	136 100*	61,5	133,5	67 300	125 800*									50,0
52,0	54,1	129,2	77 300	129 700*	59,7	132,3	62 800	119 800*	64,8	134,1	48 400	110 000*					52,0
54,0	52,2	127,7	72 500	123 800*	57,8	131,1	58 600	114 300*	63,0	133,1	44 800	104 800*					54,0
56,0	50,1	126,0	68 100	118 300*	55,9	129,7	54 800	109 100*	61,3	132,0	41 500	100 000*					56,0
58,0	48,0	124,3	64 100	113 200*	54,0	128,3	51 200	104 300*	59,4	130,8	38 500	95 600*					58,0
60,0	45,9	122,3	60 200	108 400*	52,0	126,7	47 900	99 900*	57,6	129,6	35 600	91 400*					60,0
62,0	43,6	120,3	56 600	103 800*	50,0	125,1	44 800	95 700*	55,7	128,2	33 000	87 500*					62,0
64,0	41,3	118,0	53 300	99 000*	47,9	123,3	41 800	91 700*	53,8	126,8	30 400	83 800*	59,1	128,8	19 200	75 900*	64,0
66,0	38,8	115,6	50 100	94 300*	45,7	121,3	39 100	88 000*	51,8	125,2	28 100	80 300*	57,2	127,5	17 200	72 700*	66,0
68,0	36,2	112,9	47 100	89 900*	43,4	119,3	36 500	84 400*	49,7	123,5	25 900	77 000*	55,3	126,1	15 400	69 600*	68,0
70,0	33,3	109,9	44 300	85 900*	41,1	117,0	34 000	81 100*	47,6	121,7	23 800	73 900*	53,4	124,6	13 600	66 600*	70,0
72,0	30,3	106,6	41 500	82 200*	38,6	114,5	31 700	77 900*	45,4	119,8	21 800	70 900*	51,4	123,1	11 900	63 900*	72,0
74,0	27,0	102,8	39 000	78 700*	35,9	111,8	29 500	74 900*	43,1	117,7	19 900	68 100*	49,3	121,3	10 400	61 200*	74,0
76,0	23,1	98,3	36 400	75 700*	33,1	108,8	27 300	72 000*	40,8	115,4	18 100	65 300*	47,2	119,5	8 900	58 700*	76,0
80,0	12,4	85,2	31 400	71 400*	26,7	101,6	23 300	66 500*	35,6	110,1	14 700	60 300*	42,7	115,4	6 100	54 100*	80,0
84,0					18,2	91,6	19 500	61 400*	29,7	103,7	11 600	55 700*	37,8	110,5	3 500	49 800*	84,0
88,0									22,3	95,2	8 500	51 400*	32,2	104,6	1 000	45 900*	88,0
92,0									10,7	80,9	5 400	47 100*	25,5	97,1		42 300*	92,0
96,0													16,4	86,2		38 700*	96,0

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

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

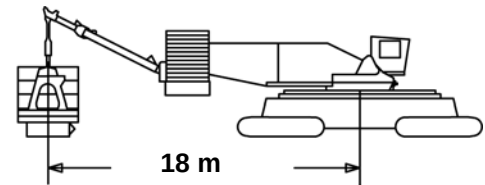
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
35,1	71,0	145,1	139 200	168 100*													35,1
36,0	70,3	144,8	134 100	168 100*													36,0
38,0	68,8	144,0	123 700	167 600*													38,0
40,0	67,2	143,2	114 600	162 800*													40,0
42,0	65,6	142,3	106 400	157 400*													42,0
44,0	64,0	141,3	99 000	151 900*	68,6	143,1	81 100	144 800*									44,0
46,0	62,4	140,3	92 300	146 200*	67,1	142,3	75 200	137 200*									46,0
48,0	60,7	139,1	86 200	140 400*	65,5	141,4	69 900	130 300*									48,0
50,0	59,0	138,0	80 600	134 400*	63,9	140,4	65 000	123 900*									50,0
52,0	57,3	136,7	75 500	128 100*	62,2	139,4	60 600	117 900*									52,0
54,0	55,6	135,3	70 700	122 200*	60,6	138,2	56 500	112 400*									54,0
56,0	53,8	133,9	66 400	116 800*	58,9	137,0	52 600	107 400*	63,7	138,9	39 000	98 000*					56,0
58,0	51,9	132,3	62 300	111 700*	57,2	135,8	49 100	102 600*	62,0	137,9	36 000	93 600*					58,0
60,0	50,0	130,6	58 500	106 900*	55,4	134,4	45 800	98 100*	60,4	136,8	33 100	89 400*					60,0
62,0	48,1	128,9	54 900	102 300*	53,6	132,9	42 700	93 900*	58,7	135,5	30 500	85 500*					62,0
64,0	46,1	126,9	51 600	97 700*	51,8	131,3	39 800	90 000*	56,9	134,2	28 000	81 800*					64,0
66,0	44,0	124,9	48 500	93 200*	49,9	129,7	37 000	86 300*	55,2	132,9	25 700	78 400*					66,0
68,0	41,9	122,7	45 500	89 000*	48,0	127,9	34 500	82 800*	53,4	131,4	23 500	75 100*	58,3	133,5	12 700	67 500*	68,0
70,0	39,6	120,3	42 700	85 000*	46,0	126,0	32 000	79 500*	51,6	129,8	21 500	72 000*	56,6	132,1	11 000	64 600*	70,0
72,0	37,3	117,7	40 100	81 300*	43,9	123,9	29 700	76 400*	49,7	128,1	19 500	69 100*	54,8	130,7	9 400	61 900*	72,0
74,0	34,8	114,9	37 600	77 800*	41,7	121,7	27 600	73 400*	47,7	126,3	17 600	66 300*	53,0	129,2	7 800	59 300*	74,0
76,0	32,1	111,8	35 200	74 500*	39,5	119,3	25 500	70 500*	45,7	124,4	15 900	63 600*	51,2	127,7	6 400	56 800*	76,0
80,0	26,0	104,4	30 600	68 800*	34,6	113,8	21 700	65 200*	41,4	120,1	12 600	58 700*	47,3	124,1	3 600	52 200*	80,0
84,0	18,0	94,1	26 300	64 300*	29,0	107,2	18 100	60 200*	36,8	115,0	9 600	54 100*	43,2	120,1	1 100	48 000*	84,0
88,0					22,1	98,5	14 700	55 700*	31,5	109,0	6 800	50 000*	38,7	115,3		44 200*	88,0
92,0					11,6	84,7	11 200	51 200*	25,3	101,3	4 100	46 100*	33,7	109,7		40 700*	92,0
96,0									17,0	90,6	1 500	42 400*	28,0	102,8		37 300*	96,0
100,0													20,8	93,7		34 200*	100,0

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

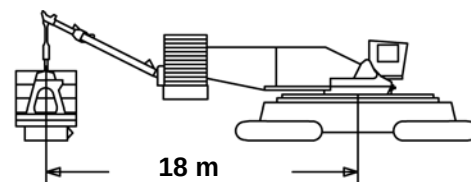
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
38,1	70,3	150,5	122 400	147 500*													38,1
40,0	68,9	149,8	113 600	147 500*													40,0
42,0	67,4	149,0	105 400	146 100*													42,0
44,0	66,0	148,1	97 900	142 100*													44,0
46,0	64,5	147,1	91 200	137 600*	68,8	148,9	73 800	135 700*									46,0
48,0	63,0	146,1	85 000	132 900*	67,3	148,1	68 400	128 700*									48,0
50,0	61,5	145,0	79 400	128 300*	65,9	147,2	63 500	122 400*									50,0
52,0	59,9	143,9	74 200	123 600*	64,4	146,2	59 000	116 500*									52,0
54,0	58,3	142,6	69 500	118 800*	62,9	145,2	54 900	111 000*									54,0
56,0	56,7	141,3	65 100	114 000*	61,3	144,1	51 000	105 900*									56,0
58,0	55,1	139,9	61 000	109 300*	59,8	142,9	47 500	101 100*	64,2	144,8	34 100	91 900*					58,0
60,0	53,4	138,5	57 100	104 800*	58,2	141,7	44 100	96 700*	62,7	143,7	31 200	87 800*					60,0
62,0	51,7	136,9	53 600	100 400*	56,6	140,4	41 000	92 500*	61,1	142,6	28 600	83 900*					62,0
64,0	50,0	135,2	50 300	96 100*	55,0	139,0	38 200	88 600*	59,6	141,5	26 100	80 300*					64,0
66,0	48,2	133,5	47 100	91 900*	53,3	137,5	35 400	84 900*	58,0	140,2	23 800	76 800*					66,0
68,0	46,3	131,6	44 200	88 000*	51,6	135,9	32 900	81 400*	56,4	138,9	21 700	73 600*					68,0
70,0	44,4	129,6	41 400	84 200*	49,8	134,3	30 500	78 100*	54,8	137,5	19 600	70 500*					70,0
72,0	42,4	127,4	38 800	80 600*	48,0	132,5	28 200	75 000*	53,1	136,0	17 700	67 600*	57,7	138,1	7 300	60 200*	72,0
74,0	40,4	125,1	36 300	77 200*	46,2	130,6	26 000	72 000*	51,4	134,4	15 800	64 800*	56,1	136,8	5 800	57 700*	74,0
76,0	38,2	122,6	33 900	74 000*	44,3	128,6	24 000	69 200*	49,6	132,7	14 100	62 200*	54,4	135,4	4 400	55 200*	76,0
80,0	33,6	116,9	29 500	68 100*	40,2	124,0	20 200	63 900*	45,9	129,0	10 900	57 300*	51,0	132,2	1 600	50 700*	80,0
84,0	28,2	110,0	25 400	63 000*	35,8	118,8	16 700	59 100*	42,0	124,8	7 900	52 800*	47,4	128,7		46 500*	84,0
88,0	21,7	101,2	21 600	58 800*	30,8	112,5	13 500	54 700*	37,8	119,9	5 200	48 700*	43,6	124,7		42 800*	88,0
92,0	12,1	87,4	17 800	55 200*	24,9	104,8	10 500	50 500*	33,1	114,1	2 700	44 900*	39,5	120,1		39 300*	92,0
96,0					17,2	94,0	7 500	46 600*	27,6	107,1	300	41 400*	35,0	114,7		36 100*	96,0
100,0									20,9	97,9		38 100*	29,9	108,2		33 100*	100,0
104,0									10,6	83,1		34 700*	23,9	100,1		30 200*	104,0
108,0													15,6	88,6		27 400*	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

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

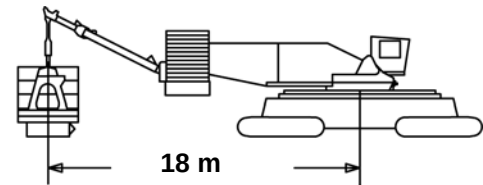
90 720 kg Carbody Counterweight

192 010 kg Hanging Counterweight

at 18 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				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	69,6	155,9	107 000	130 000*									41,1
42,0	69,0	155,6	103 600	130 000*									42,0
44,0	67,7	154,7	96 000	130 000*									44,0
46,0	66,3	153,9	89 300	128 000*									46,0
48,0	64,9	152,9	83 100	124 400*	68,9	154,7	66 100	126 800*					48,0
50,0	63,5	151,9	77 500	120 700*	67,6	153,9	61 200	120 400*					50,0
52,0	62,1	150,9	72 300	116 800*	66,2	153,0	56 700	114 500*					52,0
54,0	60,7	149,8	67 600	112 800*	64,8	152,0	52 600	109 100*					54,0
56,0	59,2	148,6	63 100	107 900*	63,4	151,0	48 700	104 000*					56,0
58,0	57,7	147,3	59 100	103 000*	62,0	150,0	45 200	99 200*					58,0
60,0	56,2	146,0	55 200	98 100*	60,6	148,8	41 900	94 800*	64,6	150,6	28 700	85 800*	60,0
62,0	54,7	144,6	51 700	93 400*	59,1	147,6	38 800	90 700*	63,2	149,6	26 100	81 900*	62,0
64,0	53,1	143,1	48 400	88 800*	57,6	146,4	35 900	86 700*	61,8	148,5	23 600	78 300*	64,0
66,0	51,5	141,5	45 300	84 300*	56,1	145,1	33 300	83 100*	60,4	147,4	21 300	74 800*	66,0
68,0	49,9	139,8	42 300	80 100*	54,6	143,6	30 700	79 600*	58,9	146,2	19 200	71 600*	68,0
70,0	48,2	138,1	39 600	76 000*	53,0	142,1	28 300	76 400*	57,4	144,9	17 200	68 600*	70,0
72,0	46,5	136,2	37 000	72 100*	51,4	140,6	26 100	73 300*	55,9	143,5	15 300	65 700*	72,0
74,0	44,7	134,2	34 500	68 300*	49,8	138,9	23 900	70 300*	54,4	142,1	13 400	63 000*	74,0
76,0	42,9	132,1	32 200	64 600*	48,1	137,1	21 900	67 500*	52,8	140,6	11 700	60 300*	76,0
80,0	39,0	127,3	27 800	57 700*	44,6	133,2	18 100	62 300*	49,6	137,3	8 500	55 400*	80,0
84,0	34,8	121,9	23 900	51 400*	40,9	128,8	14 700	57 500*	46,2	133,6	5 600	51 000*	84,0
88,0	30,0	115,4	20 200	45 600*	36,8	123,7	11 600	53 100*	42,5	129,4	3 000	47 000*	88,0
92,0	24,4	107,4	16 800	40 300*	32,3	117,7	8 700	48 900*	38,6	124,7	500	43 200*	92,0
96,0	17,2	96,6	13 500	35 600*	27,2	110,5	5 900	43 300*	34,3	119,1		39 800*	96,0
100,0					20,8	101,3	3 300	38 300*	29,5	112,5		36 600*	100,0
104,0					11,4	86,9		34 100*	23,8	104,3		33 600*	104,0
108,0									16,2	93,0		30 600*	108,0

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

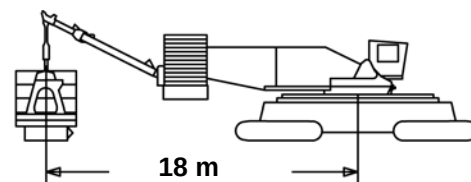
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	218 000	292 800*b													26,0
28,0	60,1	107,8	197 800	270 700*b													28,0
30,0	56,3	106,5	180 700	251 500*b				c									30,0
32,0	52,4	105,0	165 800	234 600*b	64,3	108,2	142 500	219 200*b									32,0
34,0	48,2	103,2	152 800	219 600*	60,7	107,1	131 200	205 200*b									34,0
36,0	43,7	101,2	141 300	206 100*	57,0	105,8	121 200	192 700*b									36,0
38,0	38,8	98,8	131 000	194 000*	53,1	104,4	112 300	181 400*b									38,0
40,0	33,3	95,8	121 600	183 000*	49,0	102,7	104 300	171 200*	61,2	105,8	86 400	159 100*b					40,0
42,0	26,7	92,1	113 000	172 900*	44,6	100,7	97 000	161 900*	57,5	104,6	80 200	150 500*b					42,0
44,0	17,8	86,8	104 800	163 400*	39,8	98,3	90 400	153 400*	53,7	103,1	74 600	142 700*b					44,0
46,0					34,4	95,5	84 200	145 600*	49,6	101,4	69 500	135 400*					46,0
48,0					28,0	92,0	78 400	138 200*	45,2	99,5	64 700	128 700*	57,8	102,7	50 500	118 900*b	48,0
50,0					19,8	87,1	72 800	131 300*	40,4	97,2	60 300	122 500*	53,9	101,2	46 800	113 200*b	50,0
52,0									35,1	94,5	56 100	116 700*	49,8	99,6	43 400	107 900*	52,0
54,0									29,0	91,1	52 200	111 200*	45,5	97,6	40 200	102 900*	54,0
56,0									21,1	86,5	48 200	105 900*	40,7	95,4	37 200	98 300*	56,0
58,0													35,5	92,7	34 300	93 800*	58,0
60,0													29,4	89,3	31 500	89 600*	60,0
62,0													21,6	84,8	28 700	85 500*	62,0
64,0													7,8	76,2	25 400	81 100*	64,0

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

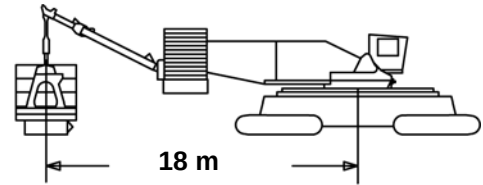
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	217 600	291 300*b													26,0
28,0	64,7	114,8	197 300	269 300*b													28,0
30,0	61,7	113,7	180 200	250 200*b													30,0
32,0	58,5	112,5	165 400	233 400*b	68,2	115,0	140 900	217 300*b									32,0
34,0	55,3	111,1	152 300	218 500*	65,3	114,1	129 600	203 400*b									34,0
36,0	51,9	109,6	140 900	205 100*	62,3	113,0	119 700	191 000*b									36,0
38,0	48,3	107,8	130 700	193 200*	59,1	111,8	110 900	179 800*b									38,0
40,0	44,5	105,8	121 600	182 300*	55,9	110,5	102 900	169 800*									40,0
42,0	40,4	103,5	113 300	172 500*	52,5	109,0	95 800	160 600*	62,7	111,7	78 100	148 600*b					42,0
44,0	36,0	100,8	105 800	163 400*	49,0	107,2	89 300	152 200*	59,6	110,5	72 600	140 800*b					44,0
46,0	30,9	97,7	98 800	155 100*	45,2	105,3	83 400	144 500*	56,3	109,2	67 500	133 700*					46,0
48,0	24,9	93,7	92 300	147 300*	41,2	103,1	78 000	137 400*	53,0	107,7	62 900	127 100*					48,0
50,0	16,8	88,0	86 000	139 900*	36,8	100,5	72 900	130 800*	49,5	106,0	58 700	121 000*					50,0
52,0					31,9	97,4	68 100	124 600*	45,8	104,1	54 700	115 300*	56,5	107,3	41 100	105 900*	52,0
54,0					26,1	93,6	63 600	118 800*	41,8	101,9	51 100	110 100*	53,2	105,8	38 100	101 100*	54,0
56,0					18,6	88,4	59 100	113 200*	37,4	99,4	47 600	105 100*	49,7	104,2	35 200	96 500*	56,0
58,0									32,6	96,4	44 300	100 400*	46,0	102,2	32 500	92 300*	58,0
60,0									27,0	92,7	41 100	96 000*	42,0	100,1	30 000	88 300*	60,0
62,0									19,8	87,8	37 900	91 800*	37,7	97,6	27 600	84 500*	62,0
64,0									6,8	78,3	34 200	87 200*	32,9	94,6	25 300	80 800*	64,0
66,0													27,3	90,9	23 000	77 300*	66,0
68,0													20,3	86,1	20 600	73 800*	68,0
70,0													8,2	77,4	17 900	70 100*	70,0

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

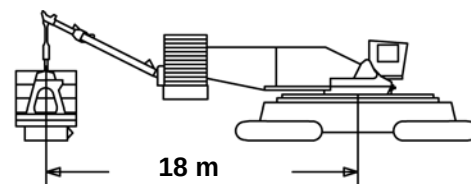
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
22,9				c													22,9
24,0				c													24,0
26,0	70,6	122,3	216 900	287 900*b													26,0
28,0	68,1	121,5	196 700	268 500*b													28,0
30,0	65,5	120,6	179 500	249 100*b													30,0
32,0	62,9	119,6	164 700	232 400*b													32,0
34,0	60,2	118,4	151 700	217 500*	68,6	120,7	128 300	202 100*b									34,0
36,0	57,4	117,2	140 300	204 300*	66,0	119,8	118 300	189 700*b									36,0
38,0	54,5	115,7	130 200	192 400*	63,4	118,8	109 600	178 600*b									38,0
40,0	51,5	114,2	121 200	181 600*	60,7	117,7	101 700	168 500*									40,0
42,0	48,4	112,4	113 000	171 800*	57,9	116,5	94 700	159 400*									42,0
44,0	45,1	110,4	105 600	162 900*	55,1	115,1	88 300	151 100*									44,0
46,0	41,6	108,2	98 800	154 700*	52,1	113,6	82 400	143 500*	61,1	116,4	66 000	132 300*					46,0
48,0	37,8	105,7	92 600	147 100*	49,0	111,8	77 100	136 500*	58,3	115,2	61 400	125 700*					48,0
50,0	33,7	102,8	86 800	140 100*	45,7	109,9	72 200	130 000*	55,4	113,8	57 300	119 700*					50,0
52,0	29,0	99,4	81 500	133 600*	42,3	107,8	67 600	124 000*	52,5	112,3	53 400	114 200*					52,0
54,0	23,5	95,1	76 400	127 400*	38,6	105,3	63 300	118 300*	49,4	110,6	49 800	109 000*	58,5	113,3	36 300	99 600*	54,0
56,0	16,1	89,2	71 400	121 500*	34,5	102,5	59 400	113 100*	46,2	108,8	46 500	104 100*	55,6	111,9	33 500	95 200*	56,0
58,0					29,9	99,2	55 600	108 100*	42,8	106,6	43 400	99 600*	52,7	110,4	31 000	91 000*	58,0
60,0					24,6	95,1	52 000	103 400*	39,1	104,2	40 400	95 300*	49,6	108,8	28 500	87 000*	60,0
62,0					17,7	89,6	48 400	98 900*	35,1	101,4	37 600	91 300*	46,4	106,9	26 300	83 400*	62,0
64,0					2,6	76,9	43 900	93 900*	30,6	98,2	34 900	87 500*	43,0	104,8	24 100	79 800*	64,0
66,0									25,4	94,2	32 300	83 800*	39,3	102,4	22 100	76 500*	66,0
68,0									18,8	89,0	29 700	80 200*	35,3	99,6	20 100	73 300*	68,0
70,0									7,4	79,5	26 600	76 400*	30,9	96,4	18 100	70 200*	70,0
72,0													25,7	92,5	16 200	67 300*	72,0
74,0													19,2	87,4	14 300	64 300*	74,0
76,0													8,6	78,5	11 900	61 200*	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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

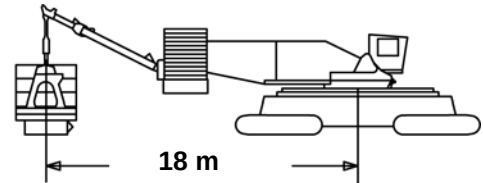
90 720 kg Carbody Counterweight

192 010 kg Hanging Counterweight

at 18 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	
27,4	71,3	128,2	201 400	255 100 b													27,4
28,0	70,7	128,0	196 200	253 000 b													28,0
30,0	68,4	127,2	178 700	244 400 b													30,0
32,0	66,1	126,4	163 700	230 700 b													32,0
34,0	63,8	125,4	150 700	215 900*													34,0
36,0	61,4	124,3	139 300	202 700*	68,8	126,5	116 600	187 800 b									36,0
38,0	59,0	123,1	129 100	190 900*	66,6	125,6	107 700	176 600 b									38,0
40,0	56,5	121,8	120 100	180 100*	64,2	124,7	99 900	166 700*									40,0
42,0	53,9	120,3	111 900	170 400*	61,9	123,6	92 800	157 600*									42,0
44,0	51,2	118,8	104 500	161 500*	59,4	122,4	86 500	149 300*									44,0
46,0	48,5	117,0	97 800	153 400*	57,0	121,2	80 700	141 800*	64,5	123,4	63 500	130 200*					46,0
48,0	45,6	115,1	91 700	145 900*	54,4	119,7	75 300	134 800*	62,2	122,3	59 000	123 700*					48,0
50,0	42,5	112,9	86 000	139 000*	51,8	118,2	70 500	128 400*	59,8	121,2	54 900	117 700*					50,0
52,0	39,2	110,5	80 800	131 500*	49,0	116,4	66 000	122 400*	57,3	119,9	51 100	112 200*					52,0
54,0	35,7	107,8	75 900	124 300*	46,1	114,6	61 800	116 900*	54,7	118,5	47 600	107 100*					54,0
56,0	31,9	104,7	71 400	117 700*	43,1	112,4	58 000	111 700*	52,1	116,9	44 400	102 300*					56,0
58,0	27,5	101,0	67 100	111 800*	39,9	110,1	54 300	106 900*	49,4	115,2	41 300	97 800*	57,4	118,0	28 400	88 900*	58,0
60,0	22,3	96,5	62 900	106 800*	36,4	107,4	50 900	102 300*	46,5	113,4	38 500	93 700*	54,9	116,6	26 000	85 000*	60,0
62,0	15,5	90,3	58 900	102 900*	32,6	104,4	47 700	98 000*	43,5	111,3	35 800	89 700*	52,3	115,0	23 800	81 400*	62,0
64,0					28,4	100,9	44 600	94 000*	40,3	109,0	33 300	86 000*	49,5	113,3	21 800	77 900*	64,0
66,0					23,4	96,6	41 600	90 000*	36,9	106,4	30 800	82 500*	46,7	111,5	19 800	74 700*	66,0
68,0					17,0	90,8	38 600	86 300*	33,1	103,4	28 500	79 100*	43,7	109,4	17 900	71 500*	68,0
70,0					4,7	79,2	34 900	82 100*	29,0	99,9	26 300	75 900*	40,5	107,1	16 100	68 600*	70,0
72,0									24,1	95,7	24 100	72 800*	37,1	104,5	14 400	65 800*	72,0
74,0									18,0	90,2	21 900	69 700*	33,4	101,6	12 800	63 100*	74,0
76,0									7,8	80,7	19 300	66 400*	29,2	98,2	11 200	60 500*	76,0
80,0													18,4	88,6	7 900	55 500*	80,0

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

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

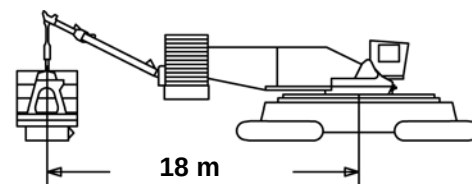
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

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	
29,0	71,7	134,2	186 300	225 100*(b)													29,0
30,0	70,7	133,8	177 700	224 000*(b)													30,0
32,0	68,7	133,0	162 600	217 300*													32,0
34,0	66,6	132,2	149 500	208 500*													34,0
36,0	64,5	131,2	138 100	199 300*													36,0
38,0	62,4	130,2	127 900	189 600*													38,0
40,0	60,2	129,0	118 900	179 000*	67,0	131,4	98 200	165 200*									40,0
42,0	58,0	127,8	110 800	169 200*	64,9	130,5	91 200	156 100*									42,0
44,0	55,8	126,4	103 400	160 400*	62,8	129,5	84 900	147 900*									44,0
46,0	53,4	125,0	96 800	152 300*	60,7	128,4	79 100	140 400*									46,0
48,0	51,0	123,4	90 600	144 800*	58,4	127,1	73 800	133 500*									48,0
50,0	48,5	121,6	85 100	137 000*	56,2	125,8	69 000	127 100*	63,1	128,2	53 100	116 200*					50,0
52,0	45,9	119,7	79 900	129 400*	53,9	124,3	64 600	121 200*	60,9	127,1	49 300	110 700*					52,0
54,0	43,2	117,6	75 100	122 400*	51,5	122,8	60 500	115 700*	58,7	125,8	45 800	105 600*					54,0
56,0	40,3	115,3	70 600	115 900*	49,0	121,1	56 600	110 500*	56,5	124,5	42 600	100 900*					56,0
58,0	37,3	112,7	66 500	109 800*	46,4	119,2	53 100	105 800*	54,2	123,1	39 600	96 400*					58,0
60,0	33,9	109,8	62 600	104 200*	43,7	117,1	49 700	101 300*	51,8	121,5	36 800	92 300*	58,9	123,9	24 000	83 400*	60,0
62,0	30,3	106,5	58 900	99 200*	40,9	114,8	46 600	97 000*	49,3	119,8	34 200	88 400*	56,6	122,6	21 900	79 800*	62,0
64,0	26,2	102,6	55 400	94 600*	37,8	112,3	43 700	93 100*	46,8	118,0	31 800	84 700*	54,3	121,2	19 900	76 400*	64,0
66,0	21,4	97,9	52 000	90 700*	34,6	109,5	40 900	89 300*	44,1	115,9	29 400	81 300*	51,9	119,6	18 000	73 200*	66,0
68,0	15,0	91,4	48 600	87 700*	31,0	106,3	38 200	85 700*	41,3	113,7	27 200	78 000*	49,5	117,9	16 200	70 200*	68,0
70,0					27,0	102,5	35 600	82 300*	38,3	111,2	25 100	74 900*	46,9	116,1	14 500	67 200*	70,0
72,0					22,4	98,0	33 100	79 000*	35,0	108,4	23 100	71 900*	44,2	114,1	12 800	64 500*	72,0
74,0					16,4	92,0	30 600	75 800*	31,5	105,3	21 100	69 000*	41,4	111,8	11 300	61 900*	74,0
76,0					5,7	80,7	27 500	72 300*	27,6	101,6	19 200	66 200*	38,4	109,4	9 800	59 400*	76,0
80,0									17,3	91,4	15 500	60 900*	31,7	103,5	6 900	54 700*	80,0
84,0													23,3	95,5	4 100	50 300*	84,0
88,0													8,9	80,7	1 000	45 900*	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

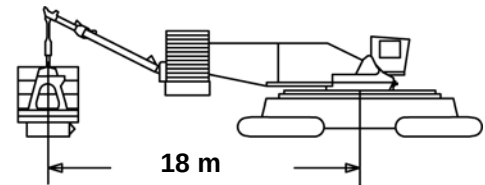
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	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	70,7	139,6	160 900	198 700*													32,0
34,0	68,9	138,8	147 800	193 800*													34,0
36,0	67,0	137,9	136 300	186 600*													36,0
38,0	65,1	137,0	126 200	179 100*													38,0
40,0	63,2	136,0	117 200	171 400*	69,2	138,0	95 900	163 200*									40,0
42,0	61,3	134,9	109 000	163 700*	67,3	137,2	88 900	154 100*									42,0
44,0	59,3	133,7	101 700	155 900*	65,5	136,3	82 600	146 000*									44,0
46,0	57,2	132,5	95 000	148 300*	63,6	135,3	76 800	138 500*									46,0
48,0	55,2	131,1	88 900	140 900*	61,6	134,2	71 600	131 600*									48,0
50,0	53,0	129,6	83 400	133 700*	59,6	133,1	66 800	125 200*									50,0
52,0	50,8	128,0	78 200	126 800*	57,6	131,8	62 400	119 300*	63,8	134,0	46 700	108 600*					52,0
54,0	48,6	126,2	73 500	120 300*	55,6	130,4	58 300	113 900*	61,9	132,9	43 300	103 500*					54,0
56,0	46,2	124,3	69 100	114 100*	53,4	129,0	54 500	108 800*	59,9	131,8	40 100	98 800*					56,0
58,0	43,8	122,3	65 000	108 200*	51,3	127,4	51 100	104 000*	57,9	130,5	37 200	94 400*					58,0
60,0	41,2	120,0	61 200	102 800*	49,0	125,7	47 800	99 600*	55,8	129,2	34 400	90 300*					60,0
62,0	38,5	117,5	57 600	97 600*	46,7	123,8	44 700	95 400*	53,7	127,7	31 800	86 500*					62,0
64,0	35,6	114,8	54 200	92 900*	44,2	121,8	41 800	91 500*	51,5	126,1	29 400	82 800*	58,0	128,6	17 100	74 300*	64,0
66,0	32,4	111,7	51 000	88 600*	41,7	119,5	39 100	87 800*	49,3	124,4	27 100	79 400*	56,0	127,3	15 300	71 100*	66,0
68,0	29,0	108,2	47 900	84 600*	39,0	117,1	36 500	84 300*	47,0	122,6	25 000	76 200*	53,9	125,8	13 500	68 100*	68,0
70,0	25,1	104,2	45 000	81 100*	36,1	114,4	34 000	80 900*	44,6	120,6	22 900	73 100*	51,7	124,2	11 900	65 200*	70,0
72,0	20,6	99,2	42 100	78 000*	33,0	111,4	31 700	77 800*	42,0	118,4	21 000	70 200*	49,4	122,6	10 300	62 600*	72,0
74,0	14,6	92,6	39 300	75 700*	29,7	108,0	29 400	74 700*	39,4	116,0	19 100	67 400*	47,1	120,7	8 800	60 000*	74,0
76,0					25,9	104,1	27 300	71 900*	36,5	113,3	17 400	64 700*	44,7	118,7	7 400	57 500*	76,0
80,0					15,9	93,1	23 000	66 200*	30,1	107,1	14 000	59 700*	39,5	114,2	4 700	53 000*	80,0
84,0									22,1	98,6	10 800	55 000*	33,7	108,6	2 200	48 800*	84,0
88,0									8,3	83,0	7 300	50 300*	26,7	101,5		44 900*	88,0
92,0													17,1	91,1		41 200*	92,0

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

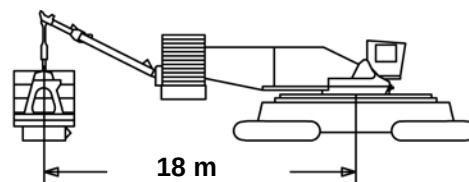
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
33,5	71,1	145,5	149 200	176 200*													33,5
34,0	70,7	145,3	146 400	176 200*													34,0
36,0	69,0	144,6	134 800	173 600*													36,0
38,0	67,3	143,7	124 600	167 900*													38,0
40,0	65,6	142,8	115 500	161 900*													40,0
42,0	63,9	141,8	107 400	155 600*													42,0
44,0	62,1	140,8	100 000	149 200*	67,6	143,0	80 600	144 300*									44,0
46,0	60,3	139,6	93 400	142 800*	65,9	142,1	74 800	136 700*									46,0
48,0	58,5	138,4	87 300	136 400*	64,2	141,1	69 600	129 900*									48,0
50,0	56,6	137,1	81 700	130 200*	62,4	140,1	64 900	123 600*									50,0
52,0	54,7	135,7	76 600	124 100*	60,6	139,0	60 400	117 700*									52,0
54,0	52,7	134,2	71 900	118 200*	58,8	137,8	56 400	112 300*	64,4	139,8	41 100	101 700*					54,0
56,0	50,7	132,6	67 500	112 600*	56,9	136,5	52 600	107 200*	62,7	138,8	37 900	97 000*					56,0
58,0	48,6	130,8	63 400	107 100*	55,0	135,1	49 200	102 500*	60,9	137,7	34 900	92 700*					58,0
60,0	46,5	128,9	59 600	102 000*	53,1	133,6	45 900	98 000*	59,0	136,5	32 200	88 600*					60,0
62,0	44,2	126,9	56 100	97 100*	51,1	132,0	42 800	93 900*	57,2	135,2	29 700	84 800*					62,0
64,0	41,9	124,7	52 700	92 500*	49,0	130,2	40 000	90 000*	55,3	133,8	27 300	81 200*					64,0
66,0	39,4	122,3	49 600	88 200*	46,9	128,4	37 300	86 300*	53,3	132,3	25 000	77 800*	59,2	134,6	13 000	69 400*	66,0
68,0	36,9	119,7	46 600	84 200*	44,6	126,4	34 800	82 800*	51,3	130,7	22 900	74 600*	57,3	133,3	11 200	66 300*	68,0
70,0	34,1	116,8	43 800	80 400*	42,3	124,2	32 400	79 500*	49,3	129,0	20 900	71 500*	55,4	131,9	9 600	63 500*	70,0
72,0	31,1	113,6	41 100	77 000*	39,9	121,9	30 100	76 400*	47,1	127,2	19 000	68 600*	53,5	130,4	8 100	60 800*	72,0
74,0	27,9	109,9	38 500	73 900*	37,4	119,3	27 900	73 500*	44,9	125,2	17 200	65 900*	51,5	128,9	6 600	58 300*	74,0
76,0	24,2	105,7	36 000	71 100*	34,6	116,4	25 800	70 600*	42,6	123,1	15 500	63 200*	49,4	127,2	5 200	55 800*	76,0
80,0	14,3	93,7	31 200	66 900*	28,5	109,7	22 000	65 300*	37,7	118,2	12 300	58 300*	45,1	123,3	2 600	51 300*	80,0
84,0					20,8	100,7	18 200	60 300*	32,1	112,3	9 300	53 800*	40,4	118,9		47 300*	84,0
88,0					6,8	83,3	14 000	55 200*	25,4	104,8	6 500	49 600*	35,2	113,6		43 500*	88,0
92,0									16,3	93,8	3 700	45 700*	29,2	107,0		40 000*	92,0
96,0													21,6	98,3		36 700*	96,0
100,0													9,2	82,9		33 300*	100,0

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

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

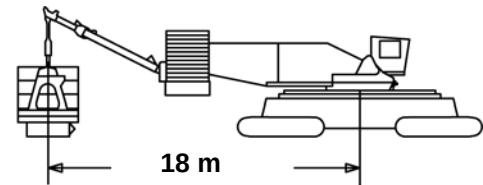
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
36,6	70,3	150,9	130 600	155 400*													36,6
38,0	69,2	150,3	123 500	155 200*													38,0
40,0	67,6	149,5	114 300	150 800*													40,0
42,0	66,0	148,6	106 100	146 000*													42,0
44,0	64,4	147,6	98 700	140 900*													44,0
46,0	62,8	146,6	91 900	135 700*	67,9	148,8	72 800	134 800*									46,0
48,0	61,1	145,5	85 800	130 500*	66,3	147,9	67 600	127 900*									48,0
50,0	59,5	144,4	80 200	125 100*	64,7	146,9	62 800	121 600*									50,0
52,0	57,8	143,1	75 100	119 900*	63,1	145,9	58 400	115 800*									52,0
54,0	56,0	141,8	70 300	114 700*	61,5	144,8	54 400	110 400*									54,0
56,0	54,2	140,3	65 900	109 600*	59,8	143,7	50 600	105 400*									56,0
58,0	52,4	138,8	61 800	104 700*	58,1	142,4	47 100	100 600*	63,3	144,6	32 500	90 600*					58,0
60,0	50,6	137,2	58 100	100 000*	56,3	141,1	43 900	96 200*	61,7	143,5	29 800	86 600*					60,0
62,0	48,6	135,4	54 500	95 500*	54,6	139,7	40 800	92 100*	60,0	142,4	27 200	82 700*					62,0
64,0	46,7	133,6	51 200	91 100*	52,8	138,2	38 000	88 200*	58,3	141,2	24 900	79 200*					64,0
66,0	44,6	131,5	48 000	87 000*	50,9	136,6	35 300	84 600*	56,6	139,8	22 700	75 800*					66,0
68,0	42,5	129,4	45 100	83 100*	49,0	134,9	32 800	81 100*	54,8	138,4	20 600	72 600*					68,0
70,0	40,3	127,1	42 300	79 500*	47,0	133,0	30 400	77 900*	53,0	136,9	18 600	69 600*	58,4	139,2	6 900	61 400*	70,0
72,0	37,9	124,5	39 700	76 000*	45,0	131,0	28 200	74 800*	51,2	135,3	16 700	66 800*	56,7	137,9	5 400	58 800*	72,0
74,0	35,5	121,8	37 100	72 800*	42,9	128,9	26 000	71 800*	49,3	133,6	15 000	64 000*	54,9	136,5	4 000	56 200*	74,0
76,0	32,8	118,7	34 700	69 800*	40,7	126,6	24 000	69 100*	47,3	131,8	13 300	61 400*	53,1	135,0	2 600	53 800*	76,0
80,0	26,9	111,6	30 200	64 500*	35,9	121,4	20 200	63 900*	43,2	127,7	10 100	56 600*	49,4	131,8		49 400*	80,0
84,0	19,3	101,8	26 000	60 300*	30,5	115,1	16 700	59 000*	38,7	123,0	7 200	52 100*	45,4	128,0		45 400*	84,0
88,0					24,1	107,1	13 500	54 500*	33,7	117,4	4 600	48 100*	41,1	123,6		41 700*	88,0
92,0					15,1	95,4	10 200	50 200*	27,9	110,5	2 000	44 300*	36,4	118,5		38 300*	92,0
96,0									20,7	101,3		40 800*	31,1	112,3		35 100*	96,0
100,0									8,7	85,2		37 200*	24,8	104,6		32 100*	100,0
104,0													16,2	93,4		29 200*	104,0

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

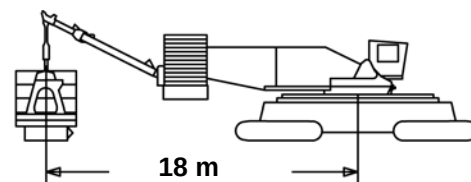
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	69,6	156,2	114 400	137 800*									39,6
40,0	69,3	156,1	112 800	137 700*									40,0
42,0	67,8	155,3	104 500	136 100*									42,0
44,0	66,4	154,4	97 100	131 800*									44,0
46,0	64,9	153,5	90 400	127 700*	69,6	155,3	71 000	133 200*					46,0
48,0	63,4	152,5	84 300	123 400*	68,1	154,5	65 700	126 300*					48,0
50,0	61,9	151,4	78 700	119 100*	66,6	153,7	60 900	120 000*					50,0
52,0	60,3	150,3	73 500	114 700*	65,2	152,7	56 500	114 200*					52,0
54,0	58,8	149,1	68 700	110 300*	63,7	151,8	52 500	108 800*					54,0
56,0	57,2	147,8	64 400	105 900*	62,2	150,7	48 700	103 800*					56,0
58,0	55,5	146,4	60 300	101 600*	60,6	149,6	45 300	99 100*					58,0
60,0	53,9	144,9	56 500	97 400*	59,0	148,4	42 000	94 700*	63,9	150,4	27 700	84 900*	60,0
62,0	52,2	143,4	53 000	93 300*	57,5	147,1	39 000	90 600*	62,4	149,4	25 200	81 100*	62,0
64,0	50,4	141,8	49 700	89 300*	55,8	145,8	36 200	86 800*	60,8	148,3	22 800	77 500*	64,0
66,0	48,7	140,0	46 500	85 500*	54,2	144,3	33 500	83 100*	59,3	147,1	20 600	74 200*	66,0
68,0	46,8	138,2	43 600	81 900*	52,5	142,8	31 000	79 700*	57,7	145,8	18 600	71 100*	68,0
70,0	44,9	136,2	40 900	78 400*	50,8	141,2	28 700	76 500*	56,1	144,5	16 600	68 100*	70,0
72,0	43,0	134,1	38 300	75 000*	49,0	139,4	26 500	73 400*	54,4	143,1	14 800	65 300*	72,0
74,0	40,9	131,8	35 800	71 900*	47,2	137,6	24 400	70 500*	52,7	141,6	13 000	62 500*	74,0
76,0	38,8	129,3	33 400	68 900*	45,3	135,6	22 400	67 800*	51,0	139,9	11 400	59 900*	76,0
80,0	34,2	123,8	29 000	63 500*	41,3	131,3	18 600	62 600*	47,4	136,4	8 300	55 200*	80,0
84,0	29,0	117,1	25 000	58 800*	37,0	126,3	15 300	57 800*	43,6	132,4	5 500	50 800*	84,0
88,0	22,7	108,6	21 300	54 900*	32,2	120,3	12 100	53 400*	39,5	127,8	2 900	46 800*	88,0
92,0	13,8	95,9	17 600	52 200*	26,6	113,0	9 200	49 400*	35,0	122,4		43 100*	92,0
96,0					19,6	103,3	6 400	45 500*	29,9	115,9		39 700*	96,0
100,0									23,8	107,8		36 500*	100,0
104,0									15,5	96,2		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).

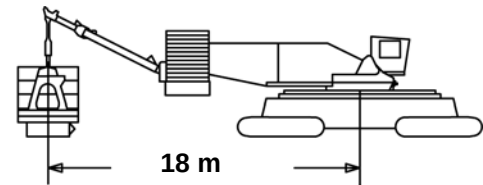
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
42,7	68,9	161,6	100 000	122 000*									42,7
44,0	68,0	161,0	95 200	121 800*									44,0
46,0	66,7	160,2	88 400	118 900*									46,0
48,0	65,3	159,3	82 300	115 500*									48,0
50,0	63,9	158,3	76 700	112 100*	68,3	160,3	58 600	118 100*					50,0
52,0	62,5	157,2	71 600	108 500*	66,9	159,4	54 200	112 300*					52,0
54,0	61,1	156,1	66 800	104 900*	65,6	158,5	50 100	106 900*					54,0
56,0	59,6	155,0	62 400	101 200*	64,2	157,6	46 400	101 900*					56,0
58,0	58,1	153,7	58 400	97 500*	62,8	156,5	42 900	97 200*					58,0
60,0	56,6	152,4	54 600	93 900*	61,3	155,4	39 800	92 900*					60,0
62,0	55,1	151,0	51 100	90 300*	59,9	154,3	36 700	88 800*					62,0
64,0	53,6	149,6	47 800	86 800*	58,4	153,1	33 900	84 900*	62,9	155,2	20 200	75 500*	64,0
66,0	52,0	148,0	44 600	83 300*	56,9	151,8	31 300	81 300*	61,5	154,1	18 100	72 200*	66,0
68,0	50,3	146,4	41 800	80 000*	55,4	150,4	28 800	77 900*	60,1	153,0	16 000	69 000*	68,0
70,0	48,7	144,6	39 000	76 700*	53,8	148,9	26 500	74 700*	58,6	151,8	14 100	66 100*	70,0
72,0	47,0	142,8	36 400	72 900*	52,3	147,4	24 300	71 600*	57,1	150,5	12 300	63 300*	72,0
74,0	45,2	140,8	33 900	69 000*	50,6	145,8	22 200	68 700*	55,6	149,1	10 500	60 600*	74,0
76,0	43,4	138,7	31 700	65 400*	49,0	144,1	20 200	66 000*	54,1	147,7	8 900	58 100*	76,0
80,0	39,6	134,1	27 300	58 500*	45,5	140,3	16 600	60 900*	50,9	144,6	5 900	53 300*	80,0
84,0	35,4	128,7	23 400	52 200*	41,9	136,0	13 200	56 200*	47,5	141,0	3 100	49 000*	84,0
88,0	30,7	122,4	19 800	46 300*	37,9	131,1	10 200	51 900*	44,0	137,0	600	45 000*	88,0
92,0	25,3	114,7	16 400	41 000*	33,6	125,4	7 300	47 900*	40,2	132,5		41 400*	92,0
96,0	18,3	104,4	13 100	36 300*	28,6	118,6	4 700	44 200*	36,1	127,3		38 000*	96,0
100,0					22,7	110,0	2 200	39 600*	31,5	121,2		34 900*	100,0
104,0					14,5	97,7		35 100*	26,2	113,7		32 000*	104,0
108,0									19,6	103,9		29 200*	108,0
112,0									8,9	87,4		26 200*	112,0

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

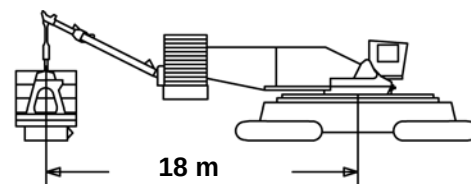
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	217 300	290 700*b													26,0
28,0	61,0	114,2	197 100	268 700*b													28,0
30,0	57,3	112,9	179 900	249 600*b													30,0
32,0	53,4	111,5	165 100	232 900*b													32,0
34,0	49,3	109,8	152 100	218 000*b	62,7	113,7	127 900	201 900*b									34,0
36,0	44,9	107,8	140 600	204 600*	59,0	112,6	118 000	189 500*b									36,0
38,0	40,2	105,5	130 300	192 600*	55,2	111,2	109 200	178 400*b									38,0
40,0	34,8	102,7	121 100	181 700*	51,2	109,6	101 400	168 400*b	64,1	112,6	81 200	154 800*b					40,0
42,0	28,6	99,3	112 500	171 700*	47,0	107,8	94 300	159 300*	60,5	111,5	75 300	146 300*b					42,0
44,0	20,6	94,6	104 500	162 300*	42,4	105,6	87 800	150 900*	56,7	110,2	69 900	138 700*b					44,0
46,0					37,3	103,1	81 800	143 100*	52,8	108,7	65 100	131 600*b					46,0
48,0					31,5	100,0	76 300	136 000*	48,7	106,9	60 500	125 100*b					48,0
50,0					24,5	96,0	71 000	129 200*	44,2	104,9	56 300	119 100*					50,0
52,0									39,4	102,6	52 400	113 500*	54,1	107,0	37 900	103 500*b	52,0
54,0									33,9	99,7	48 700	108 200*	50,0	105,4	35 000	98 700*b	54,0
56,0									27,5	96,1	45 100	103 200*	45,7	103,4	32 200	94 200*	56,0
58,0									19,0	91,1	41 500	98 300*	40,9	101,2	29 600	90 000*	58,0
60,0													35,7	98,5	27 100	86 000*	60,0
62,0													29,6	95,2	24 600	82 200*	62,0
64,0													22,0	90,8	22 100	78 400*	64,0

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

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

Liftcrane Luffing Jib Capacities

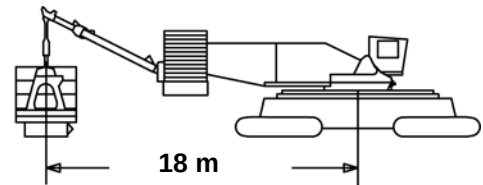
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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	
22,9				c													22,9
24,0				c													24,0
26,0	68,5	122,0	216 300	284 200*b													26,0
28,0	65,5	121,1	196 100	267 900*b													28,0
30,0	62,5	120,1	179 000	248 300*b													30,0
32,0	59,4	118,9	164 300	231 600*b													32,0
34,0	56,2	117,6	151 300	216 800*b	66,9	120,6	125 800	200 000*b									34,0
36,0	52,8	116,1	140 000	203 600*	63,9	119,6	116 100	187 700*b									36,0
38,0	49,3	114,4	129 800	191 700*	60,8	118,5	107 400	176 700*b									38,0
40,0	45,6	112,4	120 700	180 900*	57,6	117,2	99 800	166 800*b									40,0
42,0	41,6	110,2	112 500	171 100*	54,3	115,8	92 800	157 800*									42,0
44,0	37,2	107,7	105 000	162 200*	50,9	114,2	86 400	149 500*	62,0	117,3	67 600	136 700*b					44,0
46,0	32,3	104,6	98 100	153 300*	47,3	112,4	80 700	141 900*	58,9	116,2	62 800	129 700*b					46,0
48,0	26,6	100,9	91 700	145 000*	43,4	110,3	75 400	135 000*	55,6	114,8	58 400	123 400*b					48,0
50,0	19,3	95,8	85 500	138 300*	39,2	107,9	70 400	128 500*	52,3	113,3	54 400	117 400*					50,0
52,0					34,6	105,1	65 900	122 500*	48,7	111,5	50 600	111 900*					52,0
54,0					29,3	101,7	61 500	116 800*	45,0	109,6	47 200	106 800*	56,7	113,1	32 500	96 700*b	54,0
56,0					22,9	97,4	57 300	111 400*	40,9	107,3	43 900	102 000*	53,3	111,6	29 900	92 300*	56,0
58,0									36,5	104,7	40 800	97 500*	49,8	109,9	27 400	88 200*	58,0
60,0									31,5	101,6	37 800	93 200*	46,2	108,1	25 100	84 400*	60,0
62,0									25,6	97,7	34 900	89 100*	42,2	105,9	23 000	80 800*	62,0
64,0									17,9	92,3	31 900	85 200*	37,9	103,4	20 800	77 300*	64,0
66,0													33,1	100,5	18 800	73 900*	66,0
68,0													27,6	96,8	16 800	70 700*	68,0
70,0													20,6	92,1	14 700	67 600*	70,0

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

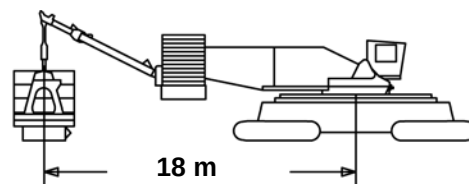
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
24,4				^c													24,4
26,0	71,3	128,6	216 400	260 500* ^b													26,0
28,0	68,8	127,8	196 100	252 400* ^b													28,0
30,0	66,2	126,9	178 900	240 400* ^b													30,0
32,0	63,6	125,9	164 000	228 100* ^b													32,0
34,0	60,9	124,8	151 100	215 600* ^b													34,0
36,0	58,1	123,6	139 700	202 700*	67,4	126,3	115 100	186 400* ^b									36,0
38,0	55,3	122,2	129 600	190 800*	64,8	125,4	106 400	175 400* ^b									38,0
40,0	52,3	120,7	120 500	180 000*	62,1	124,3	98 700	165 500* ^b									40,0
42,0	49,2	119,0	112 400	169 100*	59,4	123,2	91 700	156 600*									42,0
44,0	46,0	117,1	105 000	158 900*	56,6	121,9	85 500	148 400*									44,0
46,0	42,6	114,9	98 200	149 300*	53,7	120,4	79 800	140 900*	63,2	123,2	61 200	128 300* ^b					46,0
48,0	38,9	112,5	92 100	140 600*	50,7	118,8	74 500	134 000*	60,5	122,1	56 900	121 900* ^b					48,0
50,0	34,8	109,7	86 300	132 700*	47,5	117,0	69 700	127 600*	57,7	120,8	52 900	116 100*					50,0
52,0	30,3	106,4	81 000	125 500*	44,1	114,9	65 300	121 700*	54,8	119,4	49 300	110 700*					52,0
54,0	25,1	102,4	75 900	119 400*	40,6	112,7	61 200	116 100*	51,9	117,9	45 900	105 600*					54,0
56,0	18,4	97,1	71 000	114 400*	36,7	110,1	57 300	111 000*	48,8	116,1	42 700	100 900*					56,0
58,0					32,4	107,0	53 600	106 200*	45,5	114,2	39 700	96 500*	55,7	117,7	25 700	86 800*	58,0
60,0					27,6	103,4	50 100	101 500*	42,0	112,0	37 000	92 400*	52,8	116,2	23 500	83 100*	60,0
62,0					21,6	98,8	46 700	97 200*	38,3	109,6	34 300	88 500*	49,7	114,6	21 500	79 500*	62,0
64,0					13,2	91,9	43 200	92 800*	34,2	106,7	31 800	84 700*	46,5	112,7	19 500	76 200*	64,0
66,0									29,6	103,3	29 300	81 200*	43,1	110,6	17 600	72 900*	66,0
68,0									24,1	99,2	26 900	77 800*	39,5	108,2	15 800	69 900*	68,0
70,0									17,1	93,5	24 500	74 500*	35,5	105,5	14 100	66 900*	70,0
72,0													31,1	102,3	12 300	64 100*	72,0
74,0													26,0	98,4	10 700	61 400*	74,0
76,0													19,6	93,4	8 900	58 800*	76,0

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

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

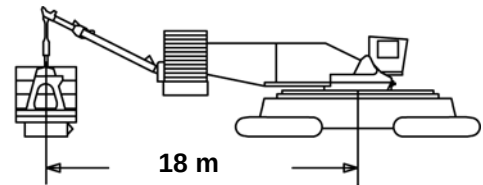
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
29,0	70,2	133,9	186 100	228 500 b													29,0
30,0	69,0	133,5	177 500	223 700 b													30,0
32,0	66,7	132,7	162 500	214 200 b													32,0
34,0	64,4	131,7	149 500	204 100*													34,0
36,0	62,1	130,7	138 100	193 800*													36,0
38,0	59,6	129,5	128 100	183 600*	67,8	132,1	104 100	173 400 b									38,0
40,0	57,2	128,2	119 100	173 600*	65,5	131,2	96 500	163 600 b									40,0
42,0	54,6	126,8	110 900	163 900*	63,1	130,2	89 500	154 600*									42,0
44,0	52,0	125,3	103 600	154 600*	60,7	129,1	83 400	146 500*									44,0
46,0	49,2	123,6	96 900	145 800*	58,3	127,8	77 700	139 100*									46,0
48,0	46,4	121,7	90 800	137 400*	55,8	126,5	72 500	132 200*	64,1	129,0	54 300	119 800*					48,0
50,0	43,3	119,6	85 200	129 600*	53,2	125,0	67 800	125 900*	61,7	128,0	50 400	114 000*					50,0
52,0	40,1	117,3	80 000	122 500*	50,5	123,4	63 400	120 100*	59,3	126,8	46 800	108 600*					52,0
54,0	36,7	114,7	75 200	115 800*	47,7	121,6	59 400	114 600*	56,8	125,5	43 500	103 600*					54,0
56,0	32,9	111,7	70 700	109 800*	44,7	119,6	55 600	109 500*	54,2	124,1	40 400	99 000*					56,0
58,0	28,7	108,2	66 400	104 400*	41,6	117,4	52 100	104 800*	51,5	122,5	37 500	94 700*					58,0
60,0	23,8	103,9	62 400	99 700*	38,3	114,9	48 800	100 300*	48,8	120,7	34 800	90 600*	57,6	123,8	20 800	80 900*	60,0
62,0	17,6	98,3	58 400	95 900*	34,7	112,1	45 600	96 100*	45,9	118,8	32 200	86 800*	55,0	122,4	18 800	77 400*	62,0
64,0	6,7	88,1	54 100	94 100*	30,7	108,8	42 600	92 100*	42,8	116,7	29 800	83 200*	52,4	120,8	16 900	74 100*	64,0
66,0					26,1	105,0	39 800	88 300*	39,6	114,3	27 600	79 700*	49,7	119,2	15 100	71 000*	66,0
68,0					20,6	100,1	37 000	84 600*	36,1	111,7	25 400	76 500*	46,8	117,3	13 400	68 000*	68,0
70,0					12,9	93,0	34 000	81 000*	32,3	108,6	23 300	73 400*	43,8	115,2	11 800	65 100*	70,0
72,0									28,0	105,0	21 200	70 400*	40,6	113,0	10 200	62 500*	72,0
74,0									23,0	100,6	19 200	67 400*	37,2	110,4	8 800	59 900*	74,0
76,0									16,4	94,7	17 100	64 600*	33,5	107,5	7 300	57 400*	76,0
80,0													24,6	99,9	4 400	52 800*	80,0

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

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

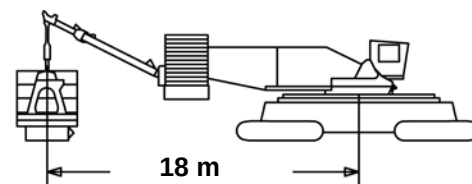
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

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	
30,5	70,7	139,9	172 500	205 100*(b)													30,5
32,0	69,2	139,3	161 300	199 600*(b)													32,0
34,0	67,2	138,5	148 400	191 700*													34,0
36,0	65,1	137,5	137 000	183 500*													36,0
38,0	63,0	136,5	126 800	175 000*													38,0
40,0	60,8	135,4	117 900	166 500*	68,1	137,9	94 700	162 000*									40,0
42,0	58,6	134,2	109 800	158 100*	66,0	137,0	87 900	153 100*									42,0
44,0	56,4	132,9	102 500	149 800*	63,9	136,0	81 700	145 000*									44,0
46,0	54,1	131,4	95 800	141 900*	61,8	135,0	76 100	137 700*									46,0
48,0	51,7	129,9	89 800	134 300*	59,6	133,8	71 000	130 800*									48,0
50,0	49,2	128,2	84 200	127 100*	57,4	132,5	66 200	124 600*									50,0
52,0	46,6	126,3	79 100	120 200*	55,1	131,1	61 900	118 700*	62,6	133,8	44 800	107 000*					52,0
54,0	43,9	124,2	74 300	113 800*	52,8	129,6	57 900	113 300*	60,5	132,7	41 500	102 100*					54,0
56,0	41,1	122,0	69 900	107 800*	50,3	128,0	54 200	108 300*	58,3	131,5	38 500	97 500*					56,0
58,0	38,1	119,5	65 800	102 200*	47,8	126,2	50 700	103 600*	56,0	130,1	35 700	93 200*					58,0
60,0	34,9	116,7	61 900	97 100*	45,2	124,2	47 500	99 200*	53,7	128,7	33 000	89 200*					60,0
62,0	31,3	113,5	58 300	92 400*	42,4	122,1	44 500	95 100*	51,3	127,1	30 500	85 400*					62,0
64,0	27,4	109,8	54 800	88 300*	39,5	119,7	41 600	91 100*	48,8	125,3	28 200	81 800*	56,7	128,4	14 900	72 500*	64,0
66,0	22,8	105,3	51 400	84 600*	36,3	117,0	38 900	87 500*	46,2	123,4	26 000	78 400*	54,4	127,0	13 200	69 500*	66,0
68,0	17,0	99,5	48 100	81 800*	33,0	114,0	36 300	83 900*	43,5	121,4	23 900	75 300*	52,0	125,4	11 500	66 500*	68,0
70,0	7,2	89,3	44 600	80 300*	29,2	110,6	33 800	80 600*	40,6	119,1	21 900	72 300*	49,6	123,8	10 000	63 700*	70,0
72,0					24,9	106,5	31 400	77 400*	37,6	116,5	20 000	69 400*	47,0	121,9	8 500	61 100*	72,0
74,0					19,8	101,4	29 000	74 300*	34,3	113,7	18 200	66 600*	44,4	119,9	7 100	58 600*	74,0
76,0					12,6	94,1	26 600	71 200*	30,7	110,4	16 400	63 900*	41,6	117,7	5 700	56 200*	76,0
80,0									22,0	102,0	13 000	58 800*	35,4	112,5	3 100	51 700*	80,0
84,0													28,0	105,7		47 600*	84,0
88,0													18,0	95,9		43 600*	88,0

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

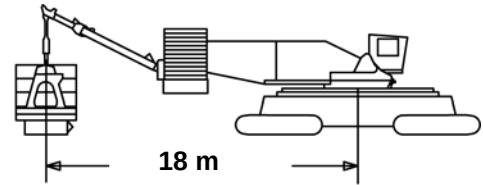
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
33,5	69,8	145,3	149 500	179 800*													33,5
34,0	69,3	145,1	146 700	178 300*													34,0
36,0	67,5	144,2	135 200	171 800*													36,0
38,0	65,6	143,3	125 100	165 100*													38,0
40,0	63,7	142,4	116 100	158 100*													40,0
42,0	61,8	141,3	108 000	151 000*	68,3	143,7	85 500	151 100*									42,0
44,0	59,8	140,1	100 700	144 000*	66,5	142,8	79 300	143 000*									44,0
46,0	57,8	138,9	94 100	137 000*	64,6	141,8	73 700	135 700*									46,0
48,0	55,7	137,5	88 000	130 300*	62,7	140,8	68 700	128 900*									48,0
50,0	53,6	136,1	82 500	123 700*	60,7	139,7	64 000	122 700*									50,0
52,0	51,4	134,5	77 400	117 500*	58,7	138,5	59 700	116 900*									52,0
54,0	49,2	132,8	72 700	111 500*	56,7	137,2	55 700	111 500*	63,4	139,7	38 900	100 000*					54,0
56,0	46,8	130,9	68 300	105 800*	54,6	135,8	52 100	106 500*	61,5	138,6	35 900	95 400*					56,0
58,0	44,4	128,9	64 200	100 400*	52,4	134,2	48 700	101 900*	59,5	137,4	33 100	91 100*					58,0
60,0	41,9	126,7	60 500	95 400*	50,2	132,6	45 400	97 500*	57,5	136,1	30 500	87 100*					60,0
62,0	39,2	124,3	56 900	90 700*	47,9	130,8	42 500	93 400*	55,4	134,8	28 000	83 400*					62,0
64,0	36,4	121,6	53 500	86 400*	45,5	128,9	39 700	89 500*	53,3	133,3	25 800	79 800*					64,0
66,0	33,3	118,7	50 300	82 400*	43,0	126,7	37 000	85 900*	51,1	131,7	23 600	76 500*	58,1	134,4	10 300	67 300*	66,0
68,0	30,0	115,3	47 300	78 700*	40,4	124,4	34 500	82 400*	48,8	129,9	21 600	73 400*	56,0	133,1	8 700	64 400*	68,0
70,0	26,2	111,4	44 400	75 500*	37,7	121,9	32 100	79 200*	46,5	128,1	19 600	70 400*	53,9	131,6	7 200	61 600*	70,0
72,0	21,9	106,7	41 600	72 600*	34,7	119,1	29 800	76 000*	44,0	126,0	17 800	67 600*	51,8	130,0	5 800	59 000*	72,0
74,0	16,4	100,7	38 800	70 400*	31,5	115,9	27 700	73 100*	41,5	123,8	16 100	64 900*	49,5	128,4	4 500	56 600*	74,0
76,0	7,6	90,5	35 800	69 300*	28,0	112,3	25 600	70 300*	38,8	121,3	14 400	62 300*	47,2	126,5	3 200	54 200*	76,0
80,0					19,1	102,7	21 500	64 800*	32,8	115,6	11 300	57 400*	42,3	122,4	700	49 900*	80,0
84,0									25,6	108,2	8 300	52 900*	36,8	117,4		45 900*	84,0
88,0									15,4	97,0	5 200	48 600*	30,5	111,2		42 200*	88,0
92,0													22,6	102,8		38 700*	92,0
96,0													9,6	88,1		35 100*	96,0

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

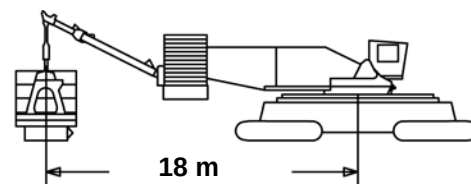
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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	
36,6	69,0	150,6	131 300	158 600*													36,6
38,0	67,8	150,0	124 100	154 800*													38,0
40,0	66,1	149,1	115 000	149 300*													40,0
42,0	64,3	148,2	106 800	143 700*													42,0
44,0	62,6	147,1	99 500	137 900*	68,5	149,4	77 700	141 300*									44,0
46,0	60,8	146,0	92 800	132 100*	66,8	148,6	72 000	133 900*									46,0
48,0	58,9	144,8	86 700	126 300*	65,1	147,6	66 900	127 200*									48,0
50,0	57,1	143,5	81 100	120 500*	63,4	146,6	62 200	121 000*									50,0
52,0	55,2	142,2	76 000	114 900*	61,6	145,6	57 900	115 200*									52,0
54,0	53,2	140,7	71 300	109 500*	59,8	144,4	54 000	109 900*									54,0
56,0	51,2	139,1	66 900	104 400*	57,9	143,2	50 300	104 900*									56,0
58,0	49,2	137,4	62 900	99 400*	56,0	141,8	46 800	100 200*	62,3	144,4	30 900	89 300*					58,0
60,0	47,0	135,5	59 100	94 600*	54,1	140,4	43 700	95 900*	60,5	143,3	28 400	85 300*					60,0
62,0	44,8	133,5	55 500	90 100*	52,1	138,8	40 700	91 800*	58,7	142,1	25 900	81 600*					62,0
64,0	42,5	131,4	52 200	85 900*	50,1	137,2	37 900	88 000*	56,8	140,8	23 700	78 100*					64,0
66,0	40,1	129,0	49 000	81 900*	48,0	135,4	35 300	84 400*	54,9	139,4	21 500	74 800*					66,0
68,0	37,6	126,5	46 100	78 200*	45,8	133,5	32 800	81 000*	52,9	137,9	19 500	71 700*					68,0
70,0	34,9	123,7	43 300	74 800*	43,6	131,4	30 500	77 700*	50,9	136,3	17 600	68 800*	57,4	139,1	4 900	59 800*	70,0
72,0	32,0	120,5	40 600	71 600*	41,2	129,1	28 300	74 600*	48,8	134,6	15 800	66 000*	55,5	137,7	3 500	57 300*	72,0
74,0	28,8	117,0	38 100	68 700*	38,7	126,7	26 100	71 800*	46,7	132,7	14 100	63 300*	53,5	136,2	2 200	54 800*	74,0
76,0	25,2	112,9	35 600	66 100*	36,1	124,0	24 100	69 000*	44,5	130,7	12 500	60 800*	51,5	134,6	900	52 500*	76,0
80,0	16,0	101,8	30 800	62 200*	30,2	117,7	20 300	63 800*	39,7	126,1	9 400	56 000*	47,4	131,1		48 200*	80,0
84,0					23,1	109,4	16 800	58 900*	34,4	120,7	6 600	51 600*	42,9	127,0		44 300*	84,0
88,0					12,2	96,2	13 100	54 200*	28,3	113,9	4 000	47 500*	38,0	122,2		40 700*	88,0
92,0									20,4	104,7	1 400	43 700*	32,4	116,4		37 300*	92,0
96,0									5,5	86,1		39 800*	25,8	108,9		34 200*	96,0
100,0													16,9	98,3		31 100*	100,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

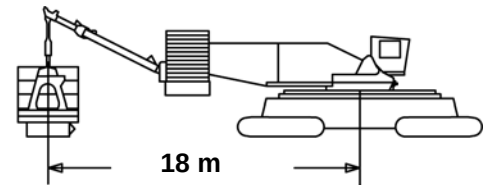
90 720 kg Carbody Counterweight

192 010 kg Hanging Counterweight

at 18 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	Luffing Jib Capacity Kilograms		
38,1	69,5	156,6	121 700	143 300*													38,1
40,0	68,0	155,8	113 100	139 300*													40,0
42,0	66,4	154,9	104 900	134 800*													42,0
44,0	64,8	154,0	97 600	130 100*													44,0
46,0	63,2	153,0	90 900	125 300*	68,7	155,2	69 600	131 900*									46,0
48,0	61,6	151,9	84 800	120 400*	67,2	154,4	64 500	125 200*									48,0
50,0	59,9	150,8	79 300	115 600*	65,6	153,4	59 800	119 000*									50,0
52,0	58,2	149,5	74 200	110 700*	64,0	152,5	55 500	113 200*									52,0
54,0	56,5	148,2	69 500	106 000*	62,3	151,4	51 600	107 900*									54,0
56,0	54,7	146,8	65 100	101 300*	60,7	150,3	48 000	103 000*									56,0
58,0	52,9	145,3	61 000	96 800*	59,0	149,1	44 600	98 400*	64,6	151,3	28 200	87 200*					58,0
60,0	51,1	143,7	57 300	92 500*	57,3	147,8	41 400	94 100*	63,0	150,3	25 700	83 200*					60,0
62,0	49,1	142,0	53 800	88 300*	55,5	146,5	38 500	90 000*	61,3	149,2	23 300	79 500*					62,0
64,0	47,2	140,1	50 400	84 300*	53,7	145,0	35 700	86 200*	59,7	148,0	21 100	76 100*					64,0
66,0	45,2	138,2	47 300	80 500*	51,9	143,4	33 100	82 600*	57,9	146,8	19 000	72 800*					66,0
68,0	43,1	136,0	44 400	76 900*	50,0	141,8	30 700	79 200*	56,2	145,4	17 000	69 700*					68,0
70,0	40,9	133,8	41 600	73 500*	48,1	140,0	28 400	76 000*	54,4	144,0	15 100	66 800*					70,0
72,0	38,6	131,3	39 000	70 300*	46,1	138,1	26 200	73 000*	52,6	142,5	13 400	64 000*	58,5	145,0	55 100*		72,0
74,0	36,1	128,6	36 600	67 400*	44,0	136,0	24 100	70 100*	50,8	140,9	11 700	61 400*	56,8	143,7	52 700*		74,0
76,0	33,6	125,6	34 200	64 600*	41,9	133,8	22 100	67 400*	48,8	139,1	10 100	58 900*	55,0	142,3	50 400*		76,0
80,0	27,8	118,7	29 700	59 800*	37,2	128,9	18 500	62 300*	44,8	135,3	7 100	54 200*	51,3	139,2	46 200*		80,0
84,0	20,5	109,4	25 500	55 900*	32,1	122,9	15 100	57 500*	40,5	130,9	4 400	49 900*	47,5	135,7	42 300*		84,0
88,0	8,1	92,8	21 100	53 900*	25,9	115,5	11 900	53 200*	35,7	125,6	1 900	46 000*	43,4	131,7	38 700*		88,0
92,0					17,9	105,2	8 800	49 000*	30,3	119,3		42 300*	38,9	127,0	35 500*		92,0
96,0									23,8	111,2		38 900*	34,0	121,4	32 500*		96,0
100,0									14,7	99,2		35 500*	28,2	114,6	29 500*		100,0
104,0													21,1	105,6	26 300*		104,0

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

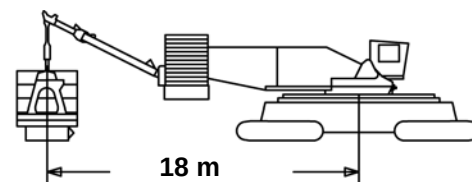
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 18 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				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	68,8	161,9	106 700	127 100*									41,1
42,0	68,2	161,6	103 400	125 600*									42,0
44,0	66,8	160,7	96 000	121 900*									44,0
46,0	65,3	159,8	89 300	118 000*									46,0
48,0	63,8	158,8	83 200	114 000*	68,9	161,0	62 600	123 600*					48,0
50,0	62,3	157,8	77 700	110 000*	67,4	160,1	57 900	117 400*					50,0
52,0	60,7	156,6	72 600	105 900*	66,0	159,2	53 600	111 700*					52,0
54,0	59,2	155,4	67 800	101 800*	64,5	158,3	49 700	106 400*					54,0
56,0	57,6	154,2	63 500	97 800*	63,0	157,3	46 100	101 400*					56,0
58,0	56,0	152,8	59 500	93 800*	61,4	156,2	42 700	96 800*					58,0
60,0	54,3	151,4	55 700	89 900*	59,9	155,0	39 500	92 500*	63,6	156,1	21 200	77 900*	60,0
62,0	52,6	149,9	52 200	86 100*	58,3	153,8	36 600	88 500*	62,0	155,1	19 000	74 400*	62,0
64,0	50,9	148,3	48 900	82 500*	56,7	152,5	33 900	84 700*	60,5	153,9	16 900	71 200*	64,0
66,0	49,1	146,6	45 800	79 000*	55,1	151,1	31 300	81 100*	58,9	152,7	15 000	68 100*	66,0
68,0	47,3	144,7	42 900	75 500*	53,4	149,6	28 900	77 800*	57,3	151,4	13 100	65 200*	68,0
70,0	45,4	142,8	40 200	72 400*	51,7	148,1	26 600	74 600*	55,7	150,1	11 400	62 500*	70,0
72,0	43,5	140,7	37 600	69 300*	49,9	146,4	24 400	71 600*	54,1	148,6	9 700	59 900*	72,0
74,0	41,5	138,5	35 100	66 400*	48,1	144,6	22 400	68 700*	52,4	147,1	8 100	57 400*	74,0
76,0	39,4	136,1	32 800	63 600*	46,3	142,7	20 500	66 000*	48,9	143,8	5 200	52 700*	76,0
80,0	34,9	130,6	28 500	58 700*	42,4	138,5	16 800	61 000*	45,1	139,9	2 600	48 500*	80,0
84,0	29,7	124,1	24 500	54 300*	38,2	133,7	13 600	56 300*	41,2	135,6		44 600*	84,0
88,0	23,6	115,9	20 800	50 800*	33,5	128,0	10 500	52 000*	36,8	130,5		41 000*	88,0
92,0	15,3	104,2	17 100	48 200*	28,2	121,1	7 700	48 100*	32,0	124,5		37 700*	92,0
96,0					21,6	112,2	4 900	44 300*	26,4	117,1		34 600*	96,0
100,0					11,9	98,4	2 100	40 700*	19,2	107,3		31 600*	100,0
104,0									6,5	88,7		28 500*	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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

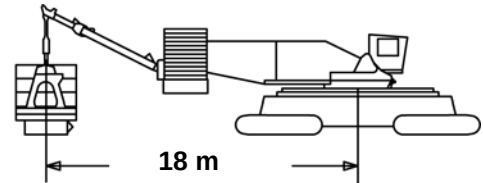
90 720 kg Carbody Counterweight

192 010 kg Hanging Counterweight

at 18 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	
44,2	68,3	167,2	93 300	112 800*									44,2
46,0	67,0	166,5	87 400	110 100*									46,0
48,0	65,7	165,6	81 300	106 900*									48,0
50,0	64,3	164,6	75 700	103 600*	69,0	166,7	55 500	114 900*					50,0
52,0	62,9	163,6	70 600	100 300*	67,7	165,9	51 200	109 700*					52,0
54,0	61,4	162,5	65 900	96 800*	66,3	165,0	47 300	104 400*					54,0
56,0	60,0	161,4	61 500	93 400*	64,9	164,1	43 700	99 500*					56,0
58,0	58,5	160,1	57 500	90 000*	63,5	163,1	40 300	94 900*					58,0
60,0	57,0	158,9	53 700	86 500*	62,1	162,0	37 200	90 600*					60,0
62,0	55,5	157,5	50 200	83 300*	60,6	160,9	34 300	86 600*					62,0
64,0	54,0	156,0	47 000	80 000*	59,2	159,7	31 600	82 800*	64,1	161,9	16 300	72 300*	64,0
66,0	52,4	154,5	43 900	76 800*	57,7	158,5	29 000	79 300*	62,6	160,9	14 200	69 100*	66,0
68,0	50,8	152,9	41 000	73 700*	56,2	157,1	26 600	75 900*	61,2	159,8	12 300	66 000*	68,0
70,0	49,1	151,2	38 300	70 700*	54,7	155,7	24 300	72 800*	59,8	158,6	10 500	63 100*	70,0
72,0	47,4	149,3	35 700	67 900*	53,1	154,2	22 200	69 800*	58,3	157,4	8 800	60 400*	72,0
74,0	45,7	147,4	33 300	65 100*	51,5	152,6	20 200	66 900*	56,8	156,1	7 200	57 800*	74,0
76,0	43,9	145,4	31 000	62 500*	49,9	151,0	18 200	64 200*	55,3	154,7	5 600	55 400*	76,0
80,0	40,1	140,8	26 700	57 600*	46,5	147,3	14 700	59 200*	52,1	151,7	2 800	50 800*	80,0
84,0	36,0	135,6	22 800	53 000*	42,9	143,2	11 500	54 700*	48,9	148,4		46 600*	84,0
88,0	31,4	129,4	19 200	47 000*	39,0	138,5	8 500	50 400*	45,4	144,6		42 800*	88,0
92,0	26,0	121,9	15 900	41 700*	34,8	133,0	5 700	46 500*	41,7	140,2		39 300*	92,0
96,0	19,4	112,1	12 700	36 800*	30,0	126,5	3 200	42 900*	37,8	135,3		36 000*	96,0
100,0	8,4	95,1	9 300	33 000*	24,4	118,5	700	39 500*	33,4	129,6		33 000*	100,0
104,0					17,1	107,6		36 300*	28,4	122,8		30 100*	104,0
108,0									22,4	114,1		27 200*	108,0
112,0									14,1	101,5		24 100*	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).