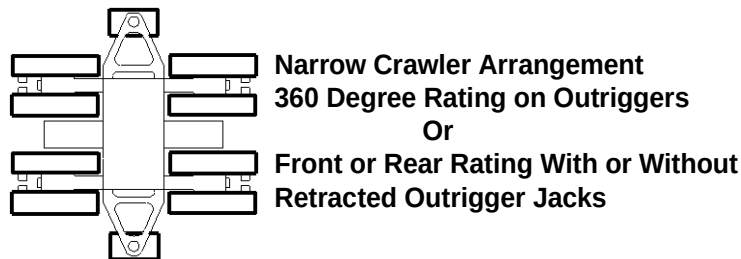


Liftcrane Luffing Jib Capacities

21000
MAX-ER

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

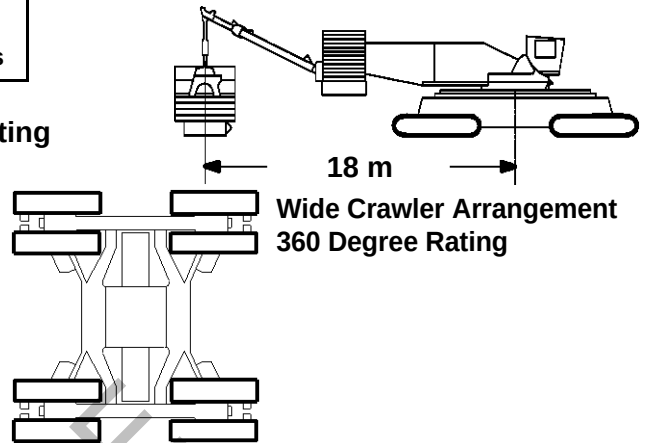
Caution: Do not luff into area indicated by (c) with 16 780 kg minimum weight. Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause wire rope damage or failure.

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

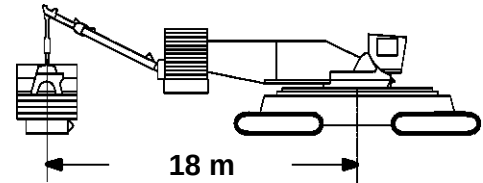
90 720 kg Carbody Counterweight

271 840 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,

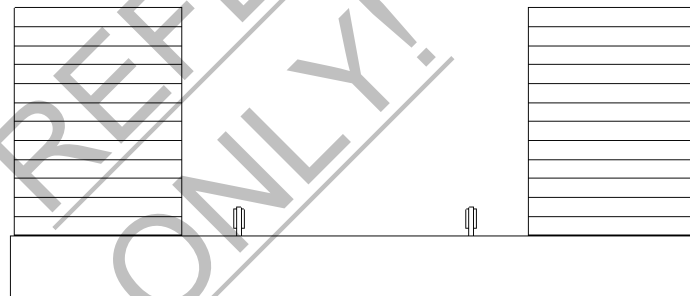
boom support straps, 22 part luffing jib hoist reeving, luffing jib and backstay support straps, 208 060 kg crane counterweight, two 24 270 kg and two 21 090 kg carbody counterweights and 271 840 kg hanging counterweight.

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

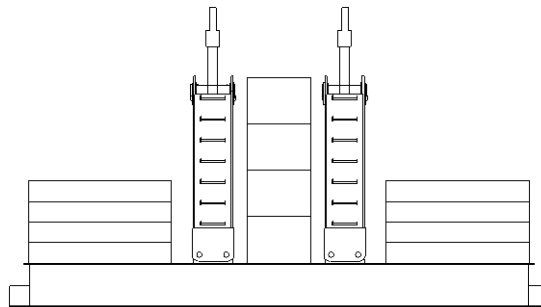
Warning: Narrow crawler arrangement requires set outrigger jacks to swing beyond front or rear operating range.

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

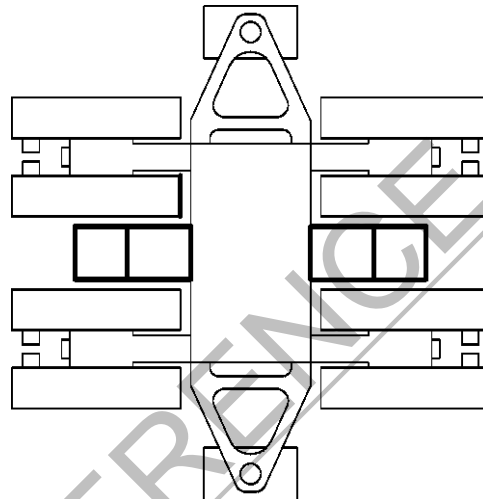
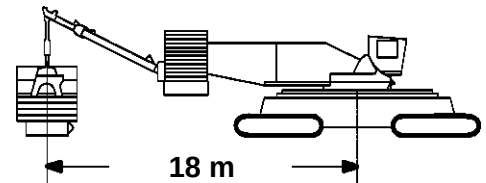
271 840 kg Hanging Counterweight

at 18 m Position

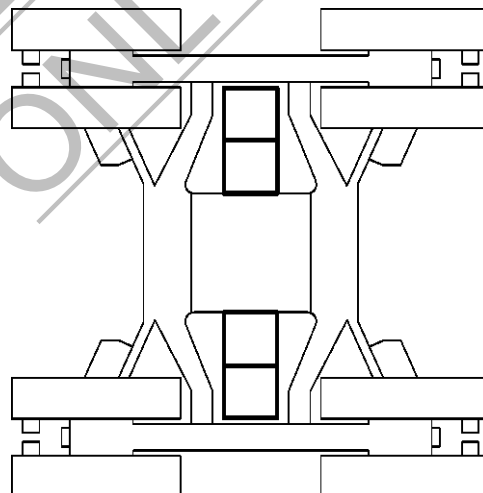
Narrow or Wide Crawler Arrangement - 360 Degree Rating

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

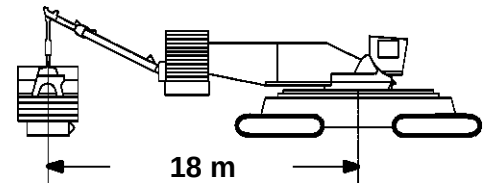
90 720 kg Carbody Counterweight

271 840 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 271 840 kg Hanging Counterweight		
Boom Length Meters	Luffing Jib No. 81 Meters	Boom to Luffing Jib Angle Degrees
Over End Unblocked Crawlers		
54,9 - 73,2	36,6 - 91,4	90
79,2 - 85,3	36,6 - 91,4	60
91,4	36,6 - 67,1	60
Load blocks, hook and weight ball on ground until boom and luffing jib are erected.		

RAISING AND LOWERING PROCEDURE

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

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

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

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

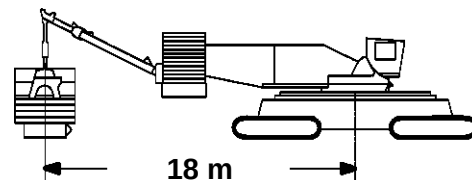
CAUTION: Do not under any condition allow boom to luffing jib angle to become less than 60 degrees.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	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	
25,9				c									25,9
26,0				c									26,0
28,0	65,8	90,6	242 100	299 600*b									28,0
30,0	62,2	89,6	221 700	278 300*b									30,0
32,0	58,6	88,4	204 200	259 900*b									32,0
34,0	54,7	87,0	188 900	243 500*b	63,5	88,9	174 400	233 800*b					34,0
36,0	50,7	85,4	175 400	228 800*	59,9	87,7	161 700	219 600*b					36,0
38,0	46,4	83,5	163 300	215 600*	56,1	86,4	150 600	207 000*b					38,0
40,0	41,8	81,3	152 500	203 700*	52,2	84,9	140 600	195 600*					40,0
42,0	36,7	78,7	142 600	192 800*	48,0	83,1	131 600	185 200*	57,3	85,3	120 400	177 600*b	42,0
44,0	30,8	75,6	133 500	182 700*	43,5	81,0	123 300	175 700*	53,4	83,8	112 800	168 400*	44,0
46,0	23,5	71,4	125 100	173 400*	38,6	78,6	115 700	166 900*	49,3	82,1	105 800	160 100*	46,0
48,0					33,0	75,7	108 700	158 800*	44,9	80,2	99 500	152 400*	48,0
50,0					26,3	71,9	102 100	151 200*	40,1	77,9	93 600	145 200*	50,0
52,0					17,3	66,5	95 600	143 900*	34,8	75,1	88 100	138 600*	52,0
54,0									28,5	71,6	82 800	132 300*	54,0
56,0									20,4	66,9	77 700	126 200*	56,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

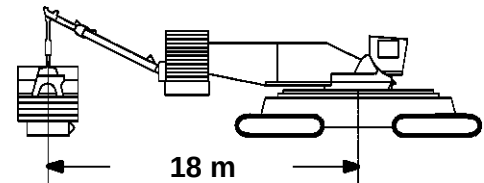
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	68,0	96,9	230 900	287 300*b									29,0
30,0	66,5	96,4	220 900	276 900*b									30,0
32,0	63,5	95,4	203 200	258 300*b									32,0
34,0	60,4	94,3	187 900	242 000*b									34,0
36,0	57,2	93,0	174 500	227 400*									36,0
38,0	53,9	91,6	162 500	214 400*	61,5	93,6	149 000	205 300*b					38,0
40,0	50,5	90,0	151 800	202 600*	58,4	92,4	139 100	193 900*					40,0
42,0	46,8	88,1	142 100	191 800*	55,1	91,0	130 200	183 600*					42,0
44,0	42,9	86,0	133 300	181 900*	51,7	89,5	122 000	174 200*					44,0
46,0	38,7	83,6	125 200	172 900*	48,1	87,7	114 700	165 600*	56,1	89,9	104 000	158 300*	46,0
48,0	34,0	80,7	117 800	164 600*	44,3	85,7	107 900	157 700*	52,8	88,4	97 800	150 700*	48,0
50,0	28,6	77,3	110 900	156 800*	40,2	83,4	101 600	150 300*	49,2	86,7	92 100	143 700*	50,0
52,0	22,0	72,8	104 300	149 500*	35,7	80,7	95 800	143 500*	45,5	84,8	86 700	137 200*	52,0
54,0					30,7	77,5	90 300	137 000*	41,5	82,6	81 800	131 100*	54,0
56,0					24,6	73,4	85 000	131 000*	37,1	80,0	77 200	125 400*	56,0
58,0					16,4	67,7	79 800	125 100*	32,2	77,0	72 800	120 100*	58,0
60,0									26,5	73,2	68 600	115 000*	60,0
62,0									19,2	68,2	64 400	110 100*	62,0
64,0									4,2	57,2	59 500	104 800*	64,0

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

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

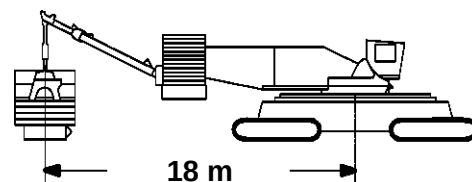
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	69,0	102,9	215 300	270 800*(b)									30,5
32,0	67,1	102,2	202 200	257 100*(b)									32,0
34,0	64,5	101,3	187 000	240 800*(b)									34,0
36,0	61,8	100,2	173 600	226 300*									36,0
38,0	59,1	99,0	161 700	213 300*									38,0
40,0	56,2	97,7	151 000	201 500*	62,8	99,5	137 800	192 700*					40,0
42,0	53,3	96,2	141 400	190 900*	60,0	98,3	128 900	182 400*					42,0
44,0	50,3	94,6	132 700	181 100*	57,3	97,1	120 900	173 100*					44,0
46,0	47,1	92,7	124 800	172 200*	54,4	95,7	113 600	164 500*					46,0
48,0	43,7	90,7	117 500	164 000*	51,4	94,1	106 900	156 700*	58,1	95,9	96 400	149 500*	48,0
50,0	40,1	88,4	110 800	156 300*	48,3	92,3	100 700	149 400*	55,3	94,6	90 700	142 500*	50,0
52,0	36,2	85,7	104 600	149 300*	45,0	90,3	95 100	142 700*	52,3	93,0	85 500	136 000*	52,0
54,0	31,9	82,6	98 800	142 600*	41,4	88,1	89 800	136 400*	49,2	91,3	80 700	130 100*	54,0
56,0	26,9	78,9	93 300	136 500*	37,7	85,6	84 800	130 500*	46,0	89,4	76 200	124 500*	56,0
58,0	20,8	74,1	88 100	130 600*	33,5	82,7	80 200	125 000*	42,5	87,3	72 000	119 200*	58,0
60,0					28,8	79,2	75 800	119 800*	38,8	84,9	68 000	114 300*	60,0
62,0					23,2	74,9	71 500	114 800*	34,8	82,1	64 200	109 700*	62,0
64,0					15,7	68,8	67 300	110 100*	30,3	78,8	60 700	105 300*	64,0
66,0									25,0	74,8	57 200	101 100*	66,0
68,0									18,3	69,4	53 800	97 000*	68,0
70,0									5,6	58,9	49 800	92 600*	70,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

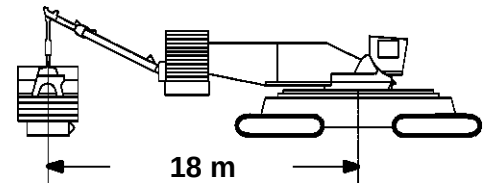
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	69,7	108,8	200 800	255 100* ^b									32,0
34,0	67,5	108,0	185 600	239 000*									34,0
36,0	65,2	107,1	172 100	224 500*									36,0
38,0	62,9	106,1	160 200	211 600*									38,0
40,0	60,5	104,9	149 500	199 900*									40,0
42,0	58,0	103,7	139 900	189 200*	63,7	105,3	127 000	180 500*					42,0
44,0	55,5	102,3	131 300	179 600*	61,3	104,2	118 900	171 200*					44,0
46,0	52,9	100,8	123 400	170 700*	58,9	103,0	111 700	162 700*					46,0
48,0	50,1	99,2	116 100	162 500*	56,4	101,7	105 000	154 900*					48,0
50,0	47,3	97,3	109 500	154 900*	53,8	100,3	99 000	147 700*					50,0
52,0	44,4	95,3	103 400	148 000*	51,1	98,7	93 300	141 000*	57,1	100,6	83 300	134 100*	52,0
54,0	41,2	93,1	97 700	141 500*	48,3	96,9	88 100	134 800*	54,6	99,2	78 500	128 200*	54,0
56,0	37,9	90,6	92 500	135 400*	45,4	95,0	83 300	129 000*	51,9	97,6	74 100	122 600*	56,0
58,0	34,2	87,7	87 500	129 700*	42,4	92,8	78 700	123 600*	49,2	95,9	70 000	117 500*	58,0
60,0	30,2	84,4	82 800	124 300*	39,1	90,4	74 500	118 500*	46,3	94,1	66 100	112 700*	60,0
62,0	25,5	80,4	78 400	119 300*	35,6	87,7	70 500	113 700*	43,3	92,0	62 500	108 100*	62,0
64,0	19,9	75,4	74 100	114 400*	31,7	84,5	66 700	109 200*	40,1	89,6	59 100	103 800*	64,0
66,0					27,3	80,8	63 100	104 900*	36,6	87,0	55 800	99 800*	66,0
68,0					22,1	76,3	59 600	100 800*	32,9	84,0	52 800	95 900*	68,0
70,0					15,1	69,9	56 100	96 700*	28,7	80,5	49 800	92 200*	70,0
72,0									23,7	76,2	46 900	88 700*	72,0
74,0									17,5	70,6	44 000	85 300*	74,0
76,0									6,4	60,2	40 600	81 500*	76,0

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

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

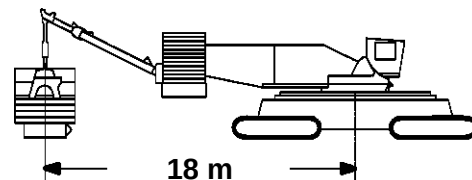
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	68,8	114,2	176 900	229 700*									35,1
36,0	67,8	113,8	170 900	223 200*									36,0
38,0	65,8	112,9	158 800	210 200*									38,0
40,0	63,7	111,9	148 200	198 500*									40,0
42,0	61,5	110,8	138 600	187 900*									42,0
44,0	59,4	109,6	129 900	178 200*									44,0
46,0	57,1	108,3	122 100	169 400*	62,3	110,1	110 100	161 200*					46,0
48,0	54,8	106,9	114 900	161 300*	60,1	109,0	103 400	153 500*					48,0
50,0	52,5	105,4	108 300	153 800*	57,9	107,7	97 400	146 300*					50,0
52,0	50,0	103,8	102 300	146 800*	55,7	106,3	91 800	139 700*					52,0
54,0	47,5	101,9	96 700	140 400*	53,3	104,9	86 700	133 500*	58,6	106,6	76 800	126 700*	54,0
56,0	44,8	100,0	91 400	134 400*	50,9	103,3	81 900	127 800*	56,3	105,3	72 400	121 200*	56,0
58,0	42,1	97,8	86 600	128 800*	48,4	101,5	77 400	122 400*	54,0	103,8	68 300	116 100*	58,0
60,0	39,1	95,4	82 000	123 500*	45,8	99,6	73 200	117 400*	51,6	102,2	64 500	111 300*	60,0
62,0	36,0	92,7	77 800	118 500*	43,1	97,5	69 300	112 600*	49,2	100,5	61 000	106 800*	62,0
64,0	32,5	89,6	73 700	113 900*	40,2	95,2	65 700	108 200*	46,6	98,7	57 600	102 600*	64,0
66,0	28,7	86,1	69 900	109 400*	37,1	92,6	62 200	104 000*	43,9	96,6	54 500	98 600*	66,0
68,0	24,4	81,9	66 200	105 200*	33,8	89,7	58 900	100 000*	41,1	94,4	51 400	94 800*	68,0
70,0	19,1	76,7	62 600	101 100*	30,1	86,3	55 800	96 300*	38,0	91,8	48 600	91 200*	70,0
72,0					26,0	82,4	52 700	92 600*	34,8	89,0	46 000	87 800*	72,0
74,0					21,1	77,6	49 800	89 100*	31,3	85,8	43 400	84 600*	74,0
76,0					14,7	71,1	46 800	85 700*	27,3	82,1	40 800	81 400*	76,0
80,0									16,9	71,8	35 900	75 500*	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

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

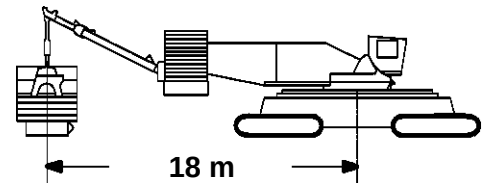
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	69,4	120,1	165 200	217 400*									36,6
38,0	68,1	119,6	156 900	208 300*									38,0
40,0	66,2	118,7	146 200	196 700*									40,0
42,0	64,4	117,7	136 600	186 100*									42,0
44,0	62,4	116,7	128 000	176 500*									44,0
46,0	60,5	115,5	120 100	167 700*									46,0
48,0	58,5	114,3	113 000	159 600*	63,1	115,9	101 200	151 500*					48,0
50,0	56,4	113,0	106 400	152 100*	61,2	114,8	95 100	144 400*					50,0
52,0	54,3	111,6	100 400	145 200*	59,2	113,7	89 600	137 800*					52,0
54,0	52,2	110,0	94 800	138 800*	57,1	112,4	84 400	131 700*					54,0
56,0	49,9	108,4	89 700	132 800*	55,1	111,0	79 700	125 900*					56,0
58,0	47,6	106,6	84 800	127 200*	52,9	109,5	75 300	120 600*	57,8	111,2	65 900	114 100*	58,0
60,0	45,2	104,6	80 400	122 000*	50,7	107,9	71 200	115 600*	55,7	109,9	62 100	109 300*	60,0
62,0	42,7	102,5	76 200	117 100*	48,5	106,1	67 300	110 900*	53,6	108,4	58 600	104 900*	62,0
64,0	40,1	100,1	72 200	112 500*	46,1	104,2	63 700	106 600*	51,4	106,8	55 300	100 700*	64,0
66,0	37,3	97,6	68 500	108 100*	43,6	102,1	60 300	102 400*	49,1	105,1	52 200	96 800*	66,0
68,0	34,3	94,7	64 900	104 000*	41,1	99,9	57 100	98 500*	46,8	103,3	49 300	93 000*	68,0
70,0	31,1	91,5	61 600	100 100*	38,3	97,4	54 000	94 800*	44,4	101,3	46 500	89 500*	70,0
72,0	27,5	87,8	58 400	96 300*	35,4	94,6	51 100	91 200*	41,8	99,1	43 900	86 100*	72,0
74,0	23,4	83,4	55 300	92 800*	32,3	91,6	48 400	87 900*	39,2	96,6	41 400	82 900*	74,0
76,0	18,4	77,9	52 300	89 300*	28,8	88,1	45 800	84 700*	36,3	94,0	39 000	79 900*	76,0
80,0					20,3	78,9	40 600	78 600*	29,9	87,6	34 500	74 200*	80,0
84,0									21,8	79,1	30 300	68 900*	84,0
88,0									7,4	62,7	25 600	63 600*	88,0

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

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

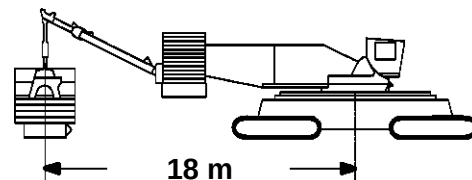
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	69,9	126,1	155 000	206 000*									38,1
40,0	68,3	125,3	144 800	195 000*									40,0
42,0	66,6	124,4	135 200	184 500*									42,0
44,0	64,9	123,5	126 500	174 900*									44,0
46,0	63,2	122,5	118 600	166 100*									46,0
48,0	61,4	121,4	111 500	158 000*									48,0
50,0	59,6	120,2	104 900	150 500*	63,8	121,8	93 300	142 700*					50,0
52,0	57,7	119,0	98 800	143 700*	62,0	120,7	87 800	136 100*					52,0
54,0	55,8	117,7	93 300	137 200*	60,2	119,6	82 700	130 000*					54,0
56,0	53,9	116,2	88 100	131 300*	58,4	118,3	77 900	124 300*					56,0
58,0	51,9	114,6	83 300	125 700*	56,5	117,0	73 500	119 000*					58,0
60,0	49,9	113,0	78 800	120 500*	54,6	115,6	69 400	114 000*	58,9	117,2	60 100	107 600*	60,0
62,0	47,7	111,2	74 600	115 700*	52,6	114,1	65 600	109 400*	57,1	115,9	56 600	103 200*	62,0
64,0	45,6	109,2	70 700	111 100*	50,6	112,5	62 000	105 000*	55,2	114,5	53 400	99 000*	64,0
66,0	43,3	107,1	67 000	106 700*	48,5	110,7	58 600	100 900*	53,2	113,1	50 300	95 100*	66,0
68,0	40,9	104,8	63 500	102 600*	46,4	108,8	55 400	97 000*	51,2	111,4	47 400	91 400*	68,0
70,0	38,4	102,4	60 300	98 800*	44,1	106,8	52 400	93 300*	49,1	109,7	44 600	87 900*	70,0
72,0	35,8	99,7	57 100	95 100*	41,8	104,6	49 600	89 800*	47,0	107,9	42 000	84 500*	72,0
74,0	32,9	96,6	54 100	91 600*	39,3	102,2	46 800	86 500*	44,8	105,9	39 600	81 400*	74,0
76,0	29,9	93,2	51 300	88 300*	36,7	99,5	44 200	83 300*	42,5	103,7	37 200	78 400*	76,0
80,0	22,6	84,8	45 900	82 100*	31,0	93,4	39 400	77 400*	37,5	98,8	32 900	72 800*	80,0
84,0					24,0	85,4	34 900	72 000*	31,9	92,9	28 900	67 700*	84,0
88,0					14,0	73,3	30 500	66 900*	25,2	85,3	25 100	63 000*	88,0
92,0									15,9	74,1	21 400	58 500*	92,0

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

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

Liftcrane Luffing Jib Capacities

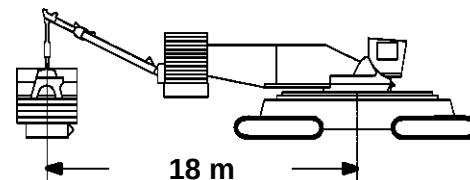
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	69,2	131,4	137 100	187 000*									41,1
42,0	68,5	131,1	133 200	182 700*									42,0
44,0	67,0	130,2	124 500	173 000*									44,0
46,0	65,4	129,3	116 600	164 200*									46,0
48,0	63,8	128,3	109 400	156 200*									48,0
50,0	62,1	127,3	102 900	148 800*									50,0
52,0	60,5	126,2	96 800	141 900*	64,3	127,6	85 400	134 100*					52,0
54,0	58,8	124,9	91 200	135 500*	62,7	126,6	80 300	128 000*					54,0
56,0	57,1	123,7	86 100	129 600*	61,1	125,5	75 600	122 400*					56,0
58,0	55,3	122,3	81 300	124 000*	59,4	124,3	71 200	117 100*					58,0
60,0	53,5	120,8	76 900	118 900*	57,7	123,0	67 100	112 200*					60,0
62,0	51,7	119,2	72 700	114 000*	55,9	121,7	63 300	107 500*					62,0
64,0	49,8	117,6	68 800	109 500*	54,2	120,2	59 700	103 200*	58,2	121,9	50 900	97 000*	64,0
66,0	47,8	115,8	65 200	105 200*	52,3	118,7	56 400	99 100*	56,5	120,6	47 800	93 100*	66,0
68,0	45,8	113,8	61 700	101 100*	50,5	117,1	53 200	95 200*	54,7	119,2	44 900	89 400*	68,0
70,0	43,8	111,8	58 400	97 300*	48,5	115,3	50 300	91 600*	52,9	117,7	42 200	85 900*	70,0
72,0	41,6	109,6	55 400	93 600*	46,6	113,4	47 500	88 100*	51,0	116,1	39 700	82 700*	72,0
74,0	39,3	107,2	52 400	90 200*	44,5	111,4	44 800	84 800*	49,1	114,3	37 300	79 500*	74,0
76,0	37,0	104,5	49 700	86 900*	42,4	109,3	42 300	81 700*	47,2	112,5	35 000	76 600*	76,0
80,0	31,7	98,5	44 500	80 800*	37,8	104,4	37 600	75 900*	43,0	108,4	30 700	71 100*	80,0
84,0	25,5	91,0	39 700	75 200*	32,7	98,6	33 200	70 600*	38,5	103,6	26 800	66 000*	84,0
88,0	17,4	80,4	35 100	69 900*	26,7	91,3	29 200	65 700*	33,5	98,0	23 200	61 400*	88,0
92,0					19,1	81,5	25 400	61 100*	27,7	91,0	19 800	57 100*	92,0
96,0					2,2	58,6	20 900	56 300*	20,4	81,8	16 600	53 100*	96,0
100,0									7,9	65,0	13 000	49 000*	100,0

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

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

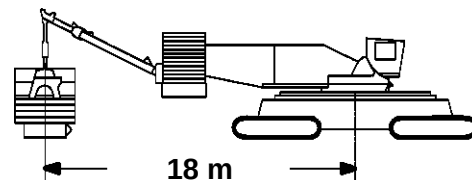
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	69,7	137,4	128 500	170 200*									42,7
44,0	68,7	136,9	122 800	170 200*									44,0
46,0	67,3	136,0	114 900	162 800*									46,0
48,0	65,8	135,1	107 700	154 700*									48,0
50,0	64,3	134,2	101 200	147 300*									50,0
52,0	62,8	133,1	95 100	140 400*									52,0
54,0	61,3	132,0	89 600	134 100*									54,0
56,0	59,7	130,9	84 500	128 100*	63,3	132,4	73 700	120 800*					56,0
58,0	58,1	129,6	79 700	122 600*	61,8	131,3	69 300	115 500*					58,0
60,0	56,5	128,3	75 200	117 500*	60,3	130,2	65 300	110 600*					60,0
62,0	54,9	126,9	71 100	112 600*	58,7	129,0	61 500	106 000*					62,0
64,0	53,2	125,4	67 200	108 100*	57,1	127,7	57 900	101 700*					64,0
66,0	51,5	123,8	63 500	103 800*	55,5	126,3	54 600	97 600*	59,2	127,8	45 900	91 500*	66,0
68,0	49,7	122,2	60 100	99 800*	53,8	124,9	51 500	93 800*	57,6	126,6	43 000	87 800*	68,0
70,0	47,9	120,4	56 900	95 900*	52,1	123,3	48 500	90 100*	55,9	125,2	40 300	84 400*	70,0
72,0	46,1	118,5	53 800	92 300*	50,4	121,7	45 800	86 700*	54,3	123,8	37 800	81 100*	72,0
74,0	44,2	116,4	50 900	88 900*	48,6	119,9	43 100	83 400*	52,6	122,3	35 400	78 000*	74,0
76,0	42,2	114,2	48 200	85 700*	46,7	118,1	40 600	80 400*	50,9	120,7	33 100	75 100*	76,0
80,0	37,9	109,4	43 100	79 600*	42,9	113,9	35 900	74 600*	47,3	117,1	28 900	69 600*	80,0
84,0	33,2	103,6	38 400	74 100*	38,7	109,2	31 700	69 300*	43,5	113,1	25 000	64 600*	84,0
88,0	27,8	96,7	34 100	67 800*	34,1	103,6	27 800	64 500*	39,4	108,4	21 500	60 100*	88,0
92,0	21,2	87,6	30 100	61 700*	28,9	96,9	24 200	60 100*	34,8	103,0	18 300	55 900*	92,0
96,0	11,1	73,2	26 000	56 800*	22,5	88,3	20 800	55 900*	29,7	96,5	15 200	52 000*	96,0
100,0					13,5	75,5	17 400	51 900*	23,6	88,3	12 400	48 300*	100,0
104,0									15,2	76,4	9 500	44 800*	104,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

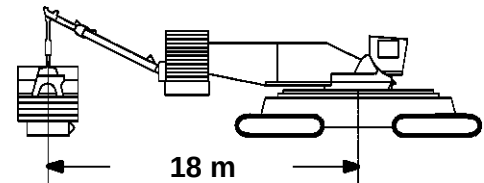
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	69,0	142,7	114 400	147 800*									45,7
46,0	68,9	142,6	113 400	147 300*									46,0
48,0	67,5	141,8	106 100	143 000*									48,0
50,0	66,1	140,9	99 500	137 600*									50,0
52,0	64,7	140,0	93 400	132 100*									52,0
54,0	63,3	139,0	87 800	126 500*									54,0
56,0	61,9	137,9	82 600	121 000*									56,0
58,0	60,5	136,8	77 900	115 500*	63,8	138,2	67 300	113 600*					58,0
60,0	59,0	135,6	73 400	110 100*	62,4	137,2	63 200	108 700*					60,0
62,0	57,5	134,3	69 200	104 900*	61,0	136,1	59 400	104 100*					62,0
64,0	56,0	133,0	65 300	99 700*	59,5	134,9	55 800	99 800*					64,0
66,0	54,5	131,5	61 700	94 800*	58,1	133,7	52 500	95 700*					66,0
68,0	52,9	130,0	58 300	90 000*	56,6	132,3	49 300	91 900*					68,0
70,0	51,3	128,4	55 000	85 500*	55,0	130,9	46 400	88 300*	58,5	132,5	38 000	82 400*	70,0
72,0	49,7	126,8	52 000	81 000*	53,5	129,5	43 600	84 900*	57,0	131,2	35 400	79 100*	72,0
74,0	48,0	125,0	49 100	76 800*	51,9	127,9	41 000	81 600*	55,5	129,9	33 000	76 100*	74,0
76,0	46,3	123,1	46 400	72 700*	50,3	126,3	38 500	78 500*	54,0	128,4	30 800	73 200*	76,0
80,0	42,7	118,9	41 300	65 000*	46,9	122,7	33 900	72 900*	50,8	125,2	26 600	67 700*	80,0
84,0	38,8	114,2	36 700	58 000*	43,3	118,6	29 700	66 800*	47,4	121,7	22 800	62 800*	84,0
88,0	34,5	108,7	32 500	51 600*	39,5	113,9	25 900	59 600*	43,9	117,7	19 300	58 300*	88,0
92,0	29,7	102,1	28 600	45 700*	35,3	108,6	22 300	53 100*	40,1	113,2	16 200	54 100*	92,0
96,0	24,0	94,0	25 000	40 400*	30,6	102,3	19 100	47 100*	35,9	107,9	13 200	50 300*	96,0
100,0	16,6	82,8	21 400	35 800*	25,1	94,5	16 000	41 700*	31,3	101,8	10 400	46 700*	100,0
104,0					18,1	84,0	13 000	36 900*	26,0	94,2	7 800	42 800*	104,0
108,0					4,6	62,9	9 500	33 500*	19,3	84,4	5 300	37 800*	108,0
112,0									8,3	67,3	2 400	34 000*	112,0

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

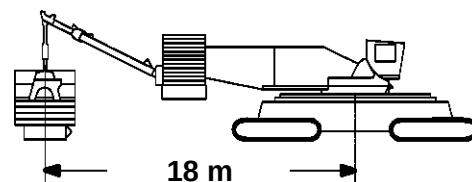
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	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	
27,4				c									27,4
28,0				c									28,0
30,0	64,1	96,2	219 200	275 300*b									30,0
32,0	60,5	95,1	201 700	256 800*b									32,0
34,0	56,8	93,8	186 600	240 600*b									34,0
36,0	52,9	92,3	173 200	226 100*	62,7	94,5	157 400	215 600*b					36,0
38,0	48,7	90,5	161 300	213 100*	59,1	93,3	146 400	203 100*b					38,0
40,0	44,3	88,5	150 600	201 300*	55,3	92,0	136 700	191 900*b					40,0
42,0	39,5	86,2	140 800	190 500*	51,3	90,4	127 900	181 700*					42,0
44,0	34,0	83,3	131 900	180 700*	47,1	88,6	119 900	172 400*	57,4	91,1	107 600	164 000*b	44,0
46,0	27,6	79,8	123 600	171 500*	42,5	86,4	112 500	163 800*	53,6	89,6	100 900	155 800*b	46,0
48,0	19,2	74,8	115 700	162 900*	37,5	83,9	105 700	155 900*	49,5	87,9	94 800	148 300*	48,0
50,0					31,7	80,8	99 400	148 400*	45,1	86,0	89 200	141 400*	50,0
52,0					24,7	76,8	93 300	141 500*	40,3	83,7	83 900	134 900*	52,0
54,0					14,6	70,7	87 100	134 700*	35,0	80,9	79 000	128 900*	54,0
56,0									28,8	77,5	74 300	123 100*	56,0
58,0									20,8	72,9	69 600	117 600*	58,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

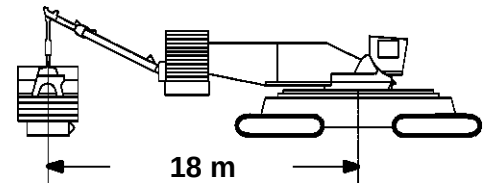
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	69,6	103,3	227 600	283 800 *b									29,0
30,0	68,1	102,9	217 700	273 500 *b									30,0
32,0	65,1	102,0	200 300	255 200 *b									32,0
34,0	62,1	100,9	185 200	239 000 *b									34,0
36,0	58,9	99,7	171 900	224 700*									36,0
38,0	55,7	98,4	160 100	211 800*									38,0
40,0	52,3	96,9	149 500	200 000*	60,9	99,3	134 800	190 100 *b					40,0
42,0	48,8	95,1	139 900	189 400*	57,7	98,0	126 100	180 000*					42,0
44,0	45,0	93,2	131 300	179 700*	54,4	96,6	118 200	170 800*					44,0
46,0	41,0	90,9	123 300	170 800*	51,0	95,0	111 000	162 400*	59,5	97,1	98 700	153 900 *b	46,0
48,0	36,6	88,3	116 000	162 600*	47,4	93,2	104 400	154 600*	56,3	95,7	92 700	146 500*	48,0
50,0	31,6	85,2	109 200	154 900*	43,5	91,1	98 300	147 300*	52,9	94,2	87 200	139 700*	50,0
52,0	25,7	81,3	102 800	147 700*	39,3	88,7	92 700	140 600*	49,4	92,5	82 100	133 300*	52,0
54,0	18,1	76,0	96 600	140 900*	34,7	85,9	87 400	134 400*	45,7	90,6	77 400	127 500*	54,0
56,0					29,5	82,6	82 400	128 500*	41,7	88,4	73 000	121 900*	56,0
58,0					23,1	78,3	77 600	122 900*	37,3	85,9	68 900	116 800*	58,0
60,0					14,0	71,8	72 700	117 300*	32,5	82,9	64 900	111 900*	60,0
62,0									26,8	79,1	61 100	107 200*	62,0
64,0									19,6	74,2	57 300	102 700*	64,0

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

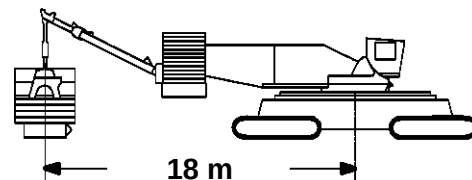
CAUTION: Do not luff into area indicated by **(c)** with 16 780 kg minimum weight (see CAUTION on page 1).

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
271 840 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, 48,8 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	68,4	108,7	199 600	253 800*(b)									32,0
34,0	65,8	107,8	184 500	237 800*(b)									34,0
36,0	63,2	106,8	171 200	223 500*									36,0
38,0	60,5	105,7	159 400	210 600*									38,0
40,0	57,8	104,4	148 800	199 000*									40,0
42,0	54,9	103,0	139 300	188 400*	62,2	105,1	125 000	178 800*					42,0
44,0	51,9	101,5	130 700	178 800*	59,5	104,0	117 100	169 500*					44,0
46,0	48,8	99,7	122 900	170 000*	56,7	102,7	109 900	161 200*					46,0
48,0	45,5	97,8	115 700	161 800*	53,8	101,2	103 400	153 500*					48,0
50,0	42,1	95,6	109 100	154 400*	50,7	99,6	97 400	146 300*	58,2	101,7	85 800	138 400*	50,0
52,0	38,3	93,2	103 000	147 300*	47,6	97,8	91 900	139 700*	55,4	100,4	80 800	132 100*	52,0
54,0	34,3	90,3	97 300	140 900*	44,2	95,8	86 700	133 600*	52,4	98,8	76 200	126 200*	54,0
56,0	29,7	87,0	91 900	134 700*	40,7	93,5	81 900	127 800*	49,3	97,1	71 900	120 800*	56,0
58,0	24,3	82,8	86 800	129 000*	36,8	90,9	77 500	122 400*	46,1	95,2	67 900	115 700*	58,0
60,0	17,2	77,2	81 800	123 400*	32,6	87,9	73 200	117 300*	42,7	93,1	64 100	110 900*	60,0
62,0					27,7	84,2	69 200	112 500*	39,0	90,7	60 500	106 500*	62,0
64,0					21,8	79,7	65 200	107 900*	35,0	87,9	57 100	102 200*	64,0
66,0					13,5	72,9	61 200	103 300*	30,5	84,7	53 900	98 200*	66,0
68,0									25,2	80,7	50 700	94 300*	68,0
70,0									18,6	75,4	47 600	90 500*	70,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

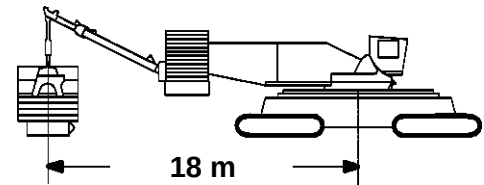
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	69,2	114,6	186 000	239 500* ^b									33,5
34,0	68,7	114,4	182 700	236 000* ^b									34,0
36,0	66,4	113,6	169 300	221 600*									36,0
38,0	64,1	112,6	157 500	208 800*									38,0
40,0	61,7	111,5	147 000	197 200*									40,0
42,0	59,3	110,4	137 500	186 700*									42,0
44,0	56,8	109,1	129 000	177 200*	63,2	111,0	114 800	167 600*					44,0
46,0	54,2	107,6	121 200	168 400*	60,8	109,9	107 700	159 200*					46,0
48,0	51,6	106,1	114 100	160 300*	58,4	108,7	101 300	151 600*					48,0
50,0	48,8	104,3	107 500	152 900*	55,8	107,3	95 300	144 500*					50,0
52,0	45,9	102,4	101 500	146 000*	53,2	105,8	89 900	137 900*	59,7	107,7	78 300	130 000*	52,0
54,0	42,9	100,3	95 900	139 500*	50,5	104,2	84 800	131 800*	57,2	106,4	73 700	124 200*	54,0
56,0	39,7	97,9	90 700	133 600*	47,7	102,4	80 100	126 200*	54,7	105,0	69 500	118 800*	56,0
58,0	36,2	95,3	85 900	127 900*	44,8	100,4	75 700	120 900*	52,0	103,4	65 600	113 900*	58,0
60,0	32,4	92,2	81 300	122 700*	41,7	98,2	71 600	115 900*	49,3	101,7	61 900	109 100*	60,0
62,0	28,1	88,6	77 000	117 700*	38,4	95,7	67 700	111 200*	46,4	99,9	58 400	104 700*	62,0
64,0	23,1	84,2	72 800	112 900*	34,8	92,9	64 100	106 800*	43,4	97,8	55 200	100 600*	64,0
66,0	16,5	78,4	68 700	108 300*	30,8	89,7	60 600	102 600*	40,2	95,5	52 100	96 600*	66,0
68,0					26,3	85,8	57 300	98 600*	36,8	92,8	49 200	92 900*	68,0
70,0					20,8	81,0	54 000	94 800*	33,0	89,9	46 400	89 400*	70,0
72,0					13,2	74,0	50 600	90 900*	28,8	86,4	43 700	86 000*	72,0
74,0									24,0	82,2	41 000	82 700*	74,0
76,0									17,8	76,6	38 400	79 500*	76,0

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

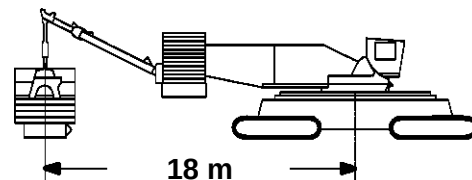
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	69,9	120,6	173 900	226 700*									35,1
36,0	68,9	120,2	168 000	220 200*									36,0
38,0	66,9	119,4	156 100	207 300*									38,0
40,0	64,8	118,4	145 600	195 800*									40,0
42,0	62,7	117,4	136 100	185 400*									42,0
44,0	60,5	116,3	127 600	175 800*									44,0
46,0	58,3	115,1	119 800	167 100*	64,0	116,8	106 000	157 700*					46,0
48,0	56,1	113,7	112 800	159 100*	61,9	115,8	99 600	150 100*					48,0
50,0	53,7	112,2	106 300	151 700*	59,7	114,6	93 700	143 000*					50,0
52,0	51,3	110,7	100 300	144 800*	57,5	113,3	88 200	136 500*					52,0
54,0	48,8	108,9	94 700	138 400*	55,2	111,9	83 200	130 500*					54,0
56,0	46,3	107,1	89 600	132 500*	52,8	110,4	78 600	124 900*	58,7	112,4	67 700	117 300*	56,0
58,0	43,6	105,0	84 800	126 900*	50,4	108,8	74 300	119 600*	56,4	111,0	63 800	112 400*	58,0
60,0	40,7	102,7	80 400	121 700*	47,9	107,0	70 200	114 700*	54,1	109,6	60 200	107 700*	60,0
62,0	37,7	100,1	76 200	116 800*	45,2	105,1	66 400	110 100*	51,7	108,0	56 800	103 300*	62,0
64,0	34,4	97,3	72 200	112 200*	42,5	102,9	62 900	105 700*	49,3	106,3	53 600	99 200*	64,0
66,0	30,8	94,1	68 400	107 900*	39,6	100,5	59 500	101 600*	46,7	104,5	50 600	95 300*	66,0
68,0	26,8	90,3	64 900	103 700*	36,4	97,9	56 300	97 700*	44,0	102,4	47 700	91 600*	68,0
70,0	22,1	85,7	61 400	99 700*	33,1	94,9	53 300	94 000*	41,2	100,2	45 000	88 200*	70,0
72,0	16,0	79,5	57 900	95 800*	29,3	91,4	50 400	90 500*	38,2	97,7	42 400	84 900*	72,0
74,0					25,1	87,4	47 600	87 100*	35,0	94,9	40 000	81 700*	74,0
76,0					19,9	82,3	44 800	83 800*	31,4	91,7	37 600	78 700*	76,0
80,0									22,9	83,6	33 100	73 000*	80,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

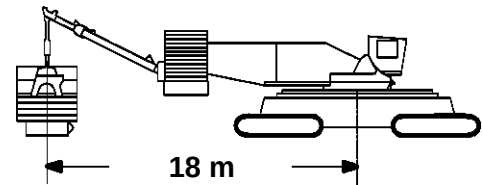
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	69,0	125,9	153 900	204 800*									38,1
40,0	67,2	125,2	143 900	193 900*									40,0
42,0	65,4	124,2	134 400	183 500*									42,0
44,0	63,5	123,2	125 800	174 000*									44,0
46,0	61,5	122,2	118 100	165 300*									46,0
48,0	59,5	121,0	111 000	157 300*									48,0
50,0	57,5	119,7	104 500	149 900*	62,7	121,6	91 500	141 100*					50,0
52,0	55,4	118,3	98 500	143 100*	60,8	120,5	86 100	134 500*					52,0
54,0	53,3	116,9	93 000	136 700*	58,8	119,3	81 100	128 600*					54,0
56,0	51,1	115,3	87 900	130 800*	56,7	118,0	76 500	123 000*					56,0
58,0	48,9	113,5	83 200	125 300*	54,6	116,6	72 200	117 800*	59,9	118,3	61 300	110 200*	58,0
60,0	46,5	111,7	78 700	120 200*	52,5	115,0	68 200	112 900*	57,8	117,0	57 700	105 600*	60,0
62,0	44,1	109,6	74 600	115 300*	50,3	113,4	64 400	108 300*	55,8	115,7	54 400	101 300*	62,0
64,0	41,5	107,4	70 700	110 800*	48,0	111,6	60 900	104 000*	53,7	114,2	51 200	97 200*	64,0
66,0	38,8	104,9	67 000	106 500*	45,6	109,7	57 600	99 900*	51,5	112,7	48 300	93 400*	66,0
68,0	35,9	102,2	63 600	102 400*	43,1	107,6	54 500	96 000*	49,2	110,9	45 500	89 800*	68,0
70,0	32,9	99,2	60 300	98 600*	40,5	105,3	51 500	92 400*	46,9	109,1	42 800	86 400*	70,0
72,0	29,5	95,8	57 100	94 900*	37,7	102,7	48 700	89 000*	44,5	107,1	40 300	83 100*	72,0
74,0	25,7	91,8	54 100	91 400*	34,8	99,9	46 100	85 700*	42,0	104,9	37 900	80 000*	74,0
76,0	21,2	87,0	51 100	88 000*	31,6	96,7	43 500	82 500*	39,3	102,5	35 600	77 000*	76,0
80,0					24,0	88,9	38 600	76 700*	33,4	96,9	31 400	71 500*	80,0
84,0					12,7	76,2	33 800	71 000*	26,3	89,7	27 400	66 500*	84,0
88,0									16,6	79,0	23 500	61 700*	88,0

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

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

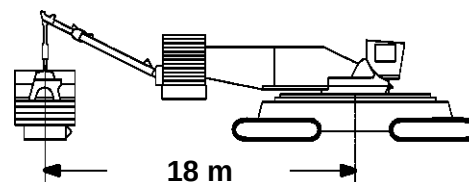
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	69,6	131,9	144 000	194 300*									39,6
40,0	69,2	131,8	142 100	192 300*									40,0
42,0	67,5	130,9	132 600	181 800*									42,0
44,0	65,8	130,0	124 000	172 300*									44,0
46,0	64,1	129,1	116 200	163 700*									46,0
48,0	62,3	128,0	109 200	155 700*									48,0
50,0	60,5	126,9	102 700	148 300*									50,0
52,0	58,7	125,7	96 700	141 500*	63,4	127,4	84 000	132 800*					52,0
54,0	56,8	124,4	91 200	135 200*	61,6	126,4	79 000	126 900*					54,0
56,0	54,9	123,0	86 100	129 300*	59,8	125,2	74 500	121 300*					56,0
58,0	53,0	121,5	81 400	123 800*	58,0	124,0	70 200	116 100*					58,0
60,0	50,9	119,9	77 000	118 700*	56,1	122,6	66 200	111 200*					60,0
62,0	48,9	118,1	72 900	113 900*	54,2	121,2	62 500	106 700*	59,0	123,0	52 200	99 500*	62,0
64,0	46,7	116,3	69 000	109 400*	52,2	119,7	59 000	102 400*	57,1	121,7	49 000	95 500*	64,0
66,0	44,5	114,3	65 400	105 100*	50,2	118,0	55 700	98 300*	55,2	120,3	46 100	91 700*	66,0
68,0	42,2	112,1	62 000	101 000*	48,1	116,2	52 600	94 500*	53,3	118,8	43 300	88 100*	68,0
70,0	39,8	109,7	58 700	97 300*	45,9	114,3	49 700	90 900*	51,3	117,2	40 800	84 700*	70,0
72,0	37,2	107,1	55 700	93 600*	43,6	112,2	46 900	87 500*	49,2	115,5	38 300	81 500*	72,0
74,0	34,5	104,3	52 800	90 200*	41,3	110,0	44 300	84 300*	47,1	113,7	35 900	78 400*	74,0
76,0	31,5	101,1	49 900	86 900*	38,8	107,5	41 800	81 200*	44,9	111,7	33 700	75 500*	76,0
80,0	24,7	93,4	44 700	80 700*	33,4	101,9	37 200	75 400*	40,2	107,2	29 600	70 100*	80,0
84,0	15,1	81,8	39 600	75 000*	27,0	94,8	32 800	70 100*	34,9	101,9	25 800	65 100*	84,0
88,0					18,6	84,9	28 700	65 200*	28,9	95,2	22 200	60 500*	88,0
92,0									21,3	86,4	18 800	56 200*	92,0
96,0									8,2	70,3	15 200	51 900*	96,0

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

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

Liftcrane Luffing Jib Capacities

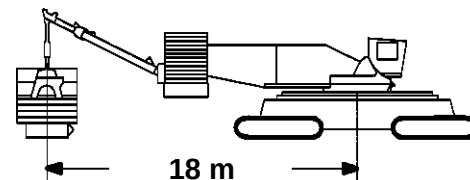
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	70,0	137,8	134 300	183 400*									41,1
42,0	69,4	137,5	130 500	179 600*									42,0
44,0	67,8	136,7	121 900	170 500*									44,0
46,0	66,2	135,8	114 100	161 800*									46,0
48,0	64,6	134,9	107 100	153 800*									48,0
50,0	63,0	133,9	100 600	146 500*									50,0
52,0	61,4	132,8	94 600	139 700*									52,0
54,0	59,7	131,6	89 200	133 400*	64,0	133,3	76 600	124 900*					54,0
56,0	58,0	130,4	84 100	127 500*	62,4	132,2	72 100	119 300*					56,0
58,0	56,2	129,0	79 400	122 100*	60,7	131,1	67 800	114 100*					58,0
60,0	54,5	127,6	75 000	117 000*	59,0	129,9	63 800	109 300*					60,0
62,0	52,7	126,1	70 900	112 200*	57,3	128,6	60 100	104 800*					62,0
64,0	50,8	124,5	67 100	107 700*	55,6	127,3	56 700	100 500*	60,0	128,9	46 400	93 400*	64,0
66,0	48,9	122,7	63 400	103 400*	53,8	125,8	53 400	96 500*	58,3	127,7	43 600	89 600*	66,0
68,0	46,9	120,9	60 100	99 400*	51,9	124,3	50 400	92 700*	56,5	126,4	40 800	86 100*	68,0
70,0	44,9	118,9	56 900	95 700*	50,1	122,6	47 500	89 100*	54,8	124,9	38 300	82 700*	70,0
72,0	42,8	116,8	53 800	92 100*	48,1	120,8	44 800	85 700*	53,0	123,4	35 800	79 500*	72,0
74,0	40,5	114,4	51 000	88 700*	46,1	118,9	42 200	82 500*	51,1	121,8	33 500	76 500*	74,0
76,0	38,2	111,9	48 200	85 500*	44,1	116,9	39 700	79 500*	49,2	120,1	31 300	73 600*	76,0
80,0	33,2	106,2	43 200	79 400*	39,7	112,3	35 200	73 800*	45,2	116,3	27 300	68 200*	80,0
84,0	27,3	99,2	38 400	73 900*	34,8	106,9	31 000	68 600*	40,9	111,9	23 600	63 300*	84,0
88,0	19,9	89,7	34 000	68 700*	29,2	100,3	27 100	63 800*	36,2	106,8	20 100	58 900*	88,0
92,0					22,4	91,8	23 500	59 400*	30,9	100,6	17 000	54 700*	92,0
96,0					12,3	78,3	19 800	55 000*	24,5	92,7	14 000	50 900*	96,0
100,0									15,8	81,3	11 000	47 100*	100,0

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

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

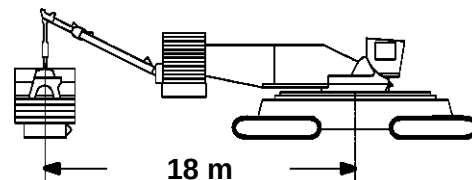
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	69,3	143,2	119 900	160 500*									44,2
46,0	68,0	142,5	112 900	159 500*									46,0
48,0	66,6	141,6	105 800	152 400*									48,0
50,0	65,1	140,7	99 300	145 000*									50,0
52,0	63,6	139,7	93 300	138 200*									52,0
54,0	62,1	138,6	87 800	131 900*									54,0
56,0	60,5	137,5	82 700	126 100*									56,0
58,0	59,0	136,3	77 900	120 600*	63,0	138,1	66 100	112 500*					58,0
60,0	57,4	135,0	73 500	115 500*	61,5	137,0	62 100	107 700*					60,0
62,0	55,7	133,7	69 400	110 800*	59,9	135,8	58 500	103 200*					62,0
64,0	54,1	132,2	65 600	106 300*	58,3	134,6	55 000	98 900*					64,0
66,0	52,4	130,7	62 000	102 000*	56,7	133,3	51 700	95 000*					66,0
68,0	50,7	129,1	58 600	98 100*	55,1	131,9	48 700	91 200*	59,2	133,6	38 900	84 500*	68,0
70,0	48,9	127,3	55 400	94 300*	53,4	130,4	45 800	87 600*	57,6	132,4	36 400	81 100*	70,0
72,0	47,1	125,5	52 400	90 800*	51,7	128,9	43 100	84 300*	56,0	131,0	33 900	77 900*	72,0
74,0	45,2	123,5	49 600	87 400*	50,0	127,2	40 500	81 100*	54,4	129,6	31 700	74 900*	74,0
76,0	43,2	121,4	46 800	84 200*	48,2	125,4	38 100	78 000*	52,7	128,1	29 500	72 000*	76,0
80,0	39,1	116,7	41 800	78 200*	44,4	121,5	33 600	72 400*	49,2	124,7	25 500	66 700*	80,0
84,0	34,5	111,2	37 200	72 700*	40,4	117,0	29 500	67 300*	45,5	121,0	21 800	61 900*	84,0
88,0	29,4	104,7	33 000	67 700*	36,0	111,8	25 700	62 600*	41,5	116,7	18 400	57 500*	88,0
92,0	23,1	96,3	29 000	62 000*	31,0	105,6	22 200	58 200*	37,3	111,7	15 400	53 400*	92,0
96,0	14,5	84,1	25 200	56 800*	25,2	97,9	18 900	54 200*	32,5	105,8	12 500	49 600*	96,0
100,0					17,6	87,3	15 700	50 400*	26,9	98,6	9 800	46 100*	100,0
104,0									20,0	89,0	7 100	42 700*	104,0
108,0									8,6	72,5	4 300	39 300*	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

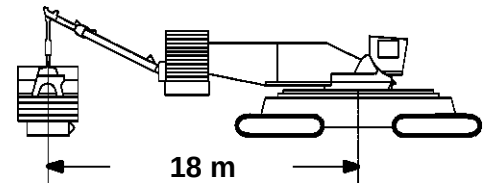
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	69,8	149,1	111 800	139 700*									45,7
46,0	69,6	149,0	110 700	139 700*									46,0
48,0	68,2	148,2	103 600	139 700*									48,0
50,0	66,9	147,4	97 100	137 800*									50,0
52,0	65,5	146,5	91 100	133 200*									52,0
54,0	64,1	145,5	85 600	128 000*									54,0
56,0	62,7	144,5	80 500	122 700*									56,0
58,0	61,2	143,4	75 800	117 500*	64,9	144,9	63 600	110 500*					58,0
60,0	59,8	142,2	71 400	112 300*	63,5	143,9	59 700	105 700*					60,0
62,0	58,3	141,0	67 300	107 100*	62,1	142,8	56 000	101 200*					62,0
64,0	56,8	139,7	63 500	102 000*	60,7	141,7	52 600	97 000*					64,0
66,0	55,3	138,3	59 900	97 100*	59,2	140,5	49 300	93 000*					66,0
68,0	53,8	136,9	56 500	92 300*	57,8	139,3	46 300	89 300*					68,0
70,0	52,2	135,3	53 400	87 700*	56,2	137,9	43 500	85 800*					70,0
72,0	50,6	133,7	50 300	83 300*	54,7	136,5	40 800	82 400*	58,6	138,3	31 400	75 900*	72,0
74,0	48,9	131,9	47 500	79 000*	53,2	135,0	38 200	79 200*	57,1	137,0	29 100	72 900*	74,0
76,0	47,2	130,1	44 800	74 800*	51,6	133,5	35 800	76 200*	55,6	135,6	27 000	70 000*	76,0
80,0	43,6	126,1	39 900	67 000*	48,2	130,0	31 300	70 700*	52,4	132,7	23 000	64 800*	80,0
84,0	39,8	121,5	35 300	59 900*	44,8	126,1	27 300	65 500*	49,2	129,3	19 400	60 000*	84,0
88,0	35,7	116,2	31 200	53 300*	41,0	121,7	23 600	60 900*	45,7	125,6	16 100	55 600*	88,0
92,0	31,0	110,0	27 400	47 300*	37,0	116,7	20 200	55 700*	42,1	121,3	13 100	51 600*	92,0
96,0	25,6	102,3	23 800	41 900*	32,5	110,8	17 000	49 500*	38,1	116,5	10 300	47 900*	96,0
100,0	18,8	92,2	20 400	37 000*	27,4	103,7	14 100	43 900*	33,8	110,8	7 700	44 400*	100,0
104,0					21,1	94,5	11 200	38 800*	28,9	104,1	5 200	41 200*	104,0
108,0					12,0	80,5	8 300	34 600*	23,0	95,7	2 800	38 200*	108,0
112,0									15,1	83,7		35 200*	112,0

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

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

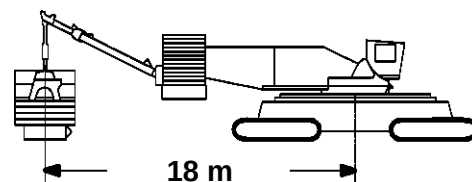
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0				c									29,0
30,0				c									30,0
32,0	62,4	101,7	198 800	253 700*b									32,0
34,0	58,8	100,5	183 800	237 600*b									34,0
36,0	55,0	99,1	170 600	223 300*b									36,0
38,0	51,0	97,5	158 900	210 500*	62,0	100,2	141 900	199 000*b					38,0
40,0	46,7	95,6	148 300	198 800*	58,3	99,0	132 300	188 100*b					40,0
42,0	42,1	93,5	138 700	188 200*	54,5	97,6	123 800	178 100*b					42,0
44,0	37,0	90,9	129 900	178 500*	50,5	95,9	116 000	168 900*					44,0
46,0	31,2	87,8	121 900	169 500*	46,1	94,0	108 800	160 500*	57,6	96,9	95 500	151 400*b	46,0
48,0	24,0	83,7	114 300	161 100*	41,5	91,8	102 300	152 800*	53,7	95,4	89 700	144 100*b	48,0
50,0	13,3	77,2	106 700	153 000*	36,3	89,2	96 200	145 600*	49,6	93,8	84 300	137 300*	50,0
52,0					30,4	86,0	90 400	138 800*	45,3	91,8	79 300	131 100*	52,0
54,0					23,0	81,7	84 900	132 400*	40,5	89,5	74 600	125 200*	54,0
56,0					11,2	74,5	79 000	125 900*	35,2	86,8	70 200	119 700*	56,0
58,0									29,1	83,4	66 000	114 500*	58,0
60,0									21,2	78,8	61 800	109 400*	60,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

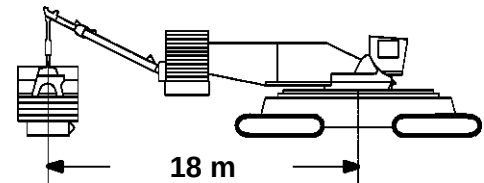
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	68,9	109,2	210 400	265 300* b									30,5
32,0	66,7	108,5	197 600	251 900* b									32,0
34,0	63,7	107,5	182 600	236 000* b									34,0
36,0	60,6	106,4	169 500	221 800* b									36,0
38,0	57,4	105,1	157 800	209 000*									38,0
40,0	54,1	103,7	147 300	197 500*	63,3	106,0	130 500	186 200* b					40,0
42,0	50,7	102,1	137 800	187 000*	60,2	104,9	122 000	176 200* b					42,0
44,0	47,0	100,2	129 200	177 400*	57,0	103,6	114 300	167 200*					44,0
46,0	43,2	98,2	121 500	168 600*	53,7	102,2	107 300	158 900*					46,0
48,0	39,0	95,8	114 200	160 500*	50,2	100,5	100 900	151 300*					48,0
50,0	34,3	92,9	107 600	153 000*	46,6	98,7	95 000	144 200*	56,4	101,5	82 200	135 500*	50,0
52,0	29,0	89,5	101 300	145 900*	42,7	96,5	89 500	137 700*	53,1	100,0	77 400	129 300*	52,0
54,0	22,5	85,1	95 300	139 200*	38,4	94,1	84 400	131 600*	49,5	98,3	72 800	123 600*	54,0
56,0	12,9	78,2	89 400	132 700*	33,7	91,2	79 600	125 800*	45,8	96,4	68 600	118 200*	56,0
58,0					28,2	87,7	75 000	120 400*	41,9	94,2	64 700	113 200*	58,0
60,0					21,5	83,1	70 500	115 200*	37,5	91,7	61 000	108 500*	60,0
62,0					11,1	75,6	65 800	109 900*	32,7	88,7	57 400	104 000*	62,0
64,0									27,1	85,1	54 000	99 700*	64,0
66,0									19,9	80,1	50 600	95 500*	66,0

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

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

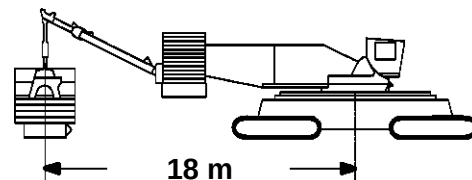
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	69,8	115,1	196 400	250 500* ^b									32,0
34,0	67,2	114,3	181 400	234 600* ^b									34,0
36,0	64,6	113,3	168 300	220 500* ^b									36,0
38,0	62,0	112,3	156 700	207 800*									38,0
40,0	59,2	111,1	146 300	196 300*									40,0
42,0	56,4	109,8	136 900	185 900*									42,0
44,0	53,5	108,3	128 400	176 400*	61,6	110,8	112 900	165 900*					44,0
46,0	50,5	106,7	120 700	167 700*	58,9	109,6	105 900	157 600*					46,0
48,0	47,3	104,9	113 600	159 700*	56,1	108,3	99 600	150 100*					48,0
50,0	43,9	102,8	107 100	152 300*	53,1	106,8	93 700	143 100*					50,0
52,0	40,4	100,5	101 100	145 400*	50,1	105,1	88 400	136 600*	58,3	107,5	75 700	127 900*	52,0
54,0	36,5	97,9	95 500	138 900*	46,9	103,3	83 400	130 600*	55,5	106,2	71 300	122 200*	54,0
56,0	32,2	94,8	90 200	132 900*	43,5	101,2	78 800	125 000*	52,5	104,6	67 200	116 900*	56,0
58,0	27,2	91,1	85 200	127 300*	39,9	98,9	74 400	119 700*	49,5	102,9	63 400	112 000*	58,0
60,0	21,2	86,4	80 400	121 900*	36,0	96,2	70 300	114 800*	46,2	101,1	59 800	107 400*	60,0
62,0	12,6	79,3	75 600	116 600*	31,6	93,1	66 500	110 100*	42,8	98,9	56 400	103 000*	62,0
64,0					26,6	89,3	62 700	105 600*	39,1	96,5	53 200	98 900*	64,0
66,0					20,4	84,4	59 100	101 300*	35,1	93,8	50 100	95 000*	66,0
68,0					11,0	76,6	55 100	97 000*	30,7	90,5	47 200	91 300*	68,0
70,0									25,5	86,6	44 400	87 700*	70,0
72,0									18,9	81,4	41 500	84 300*	72,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

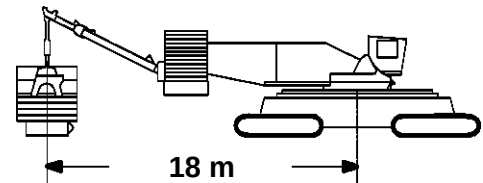
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	68,7	120,5	172 300	225 100* ^b									35,1
36,0	67,6	120,1	166 400	218 700* ^b									36,0
38,0	65,3	119,1	154 700	205 900*									38,0
40,0	63,0	118,1	144 300	194 500*									40,0
42,0	60,6	117,0	135 000	184 100*									42,0
44,0	58,1	115,8	126 600	174 700*									44,0
46,0	55,6	114,4	118 900	166 000*	62,7	116,7	103 500	155 600*					46,0
48,0	53,0	112,9	111 900	158 100*	60,3	115,5	97 300	148 100*					48,0
50,0	50,3	111,3	105 400	150 700*	57,8	114,3	91 500	141 200*					50,0
52,0	47,5	109,5	99 500	143 900*	55,3	112,9	86 200	134 800*					52,0
54,0	44,5	107,5	94 000	137 600*	52,7	111,4	81 300	128 800*					54,0
56,0	41,4	105,2	88 900	131 700*	50,0	109,7	76 800	123 200*	57,3	112,2	64 700	114 900*	56,0
58,0	38,1	102,7	84 100	126 100*	47,1	107,9	72 500	118 100*	54,8	110,8	60 900	110 000*	58,0
60,0	34,4	99,9	79 600	120 900*	44,2	105,9	68 500	113 200*	52,2	109,2	57 400	105 500*	60,0
62,0	30,4	96,6	75 400	116 000*	41,0	103,6	64 800	108 600*	49,4	107,5	54 200	101 200*	62,0
64,0	25,8	92,7	71 300	111 400*	37,6	101,1	61 300	104 300*	46,6	105,7	51 000	97 100*	64,0
66,0	20,3	87,8	67 400	106 900*	34,0	98,2	57 900	100 200*	43,6	103,6	48 100	93 300*	66,0
68,0	12,3	80,4	63 300	102 400*	29,9	94,8	54 700	96 300*	40,4	101,3	45 300	89 700*	68,0
70,0					25,2	90,8	51 600	92 600*	36,9	98,7	42 700	86 300*	70,0
72,0					19,4	85,7	48 600	89 000*	33,2	95,7	40 200	83 000*	72,0
74,0					10,9	77,7	45 300	85 300*	29,0	92,3	37 700	79 900*	74,0
76,0									24,2	88,1	35 300	76 800*	76,0

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

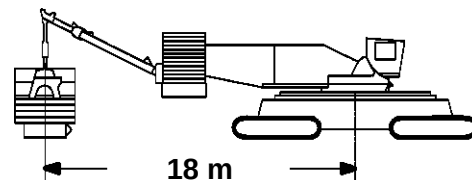
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	69,4	126,4	161 800	213 300*									36,6
38,0	68,0	125,8	153 700	204 500*									38,0
40,0	65,9	124,9	143 200	193 100*									40,0
42,0	63,8	124,0	133 800	182 700*									42,0
44,0	61,7	122,9	125 400	173 300*									44,0
46,0	59,5	121,7	117 700	164 700*									46,0
48,0	57,3	120,4	110 700	156 800*	63,5	122,5	95 700	146 600*					48,0
50,0	55,0	119,0	104 300	149 400*	61,4	121,4	90 000	139 700*					50,0
52,0	52,6	117,5	98 400	142 700*	59,2	120,2	84 700	133 300*					52,0
54,0	50,2	115,9	92 900	136 400*	57,0	118,9	79 800	127 400*					54,0
56,0	47,6	114,1	87 900	130 500*	54,7	117,5	75 300	121 900*					56,0
58,0	45,0	112,1	83 200	125 000*	52,3	116,0	71 100	116 700*	58,8	118,1	59 100	108 500*	58,0
60,0	42,2	109,9	78 800	119 900*	49,9	114,3	67 200	111 900*	56,5	116,8	55 700	103 900*	60,0
62,0	39,3	107,5	74 600	115 100*	47,3	112,5	63 500	107 400*	54,2	115,4	52 400	99 700*	62,0
64,0	36,2	104,8	70 700	110 600*	44,7	110,5	60 000	103 100*	51,8	113,8	49 400	95 700*	64,0
66,0	32,7	101,8	67 000	106 200*	41,9	108,3	56 800	99 100*	49,4	112,1	46 500	91 900*	66,0
68,0	29,0	98,3	63 500	102 200*	38,9	105,9	53 700	95 300*	46,8	110,3	43 800	88 400*	68,0
70,0	24,7	94,2	60 100	98 300*	35,7	103,2	50 800	91 700*	44,1	108,2	41 300	85 000*	70,0
72,0	19,4	89,0	56 800	94 500*	32,3	100,1	48 000	88 200*	41,3	106,0	38 800	81 800*	72,0
74,0	12,1	81,5	53 400	90 700*	28,5	96,5	45 300	84 900*	38,3	103,5	36 500	78 700*	74,0
76,0					24,1	92,3	42 600	81 800*	35,1	100,8	34 300	75 800*	76,0
80,0					10,8	78,8	37 200	75 500*	27,7	93,9	30 000	70 400*	80,0
84,0									17,4	83,8	25 900	65 200*	84,0

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

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

Liftcrane Luffing Jib Capacities

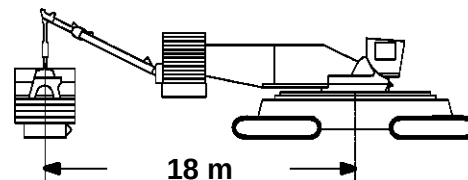
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	70,0	132,4	150 900	201 800*									38,1
40,0	68,2	131,6	141 100	191 100*									40,0
42,0	66,4	130,7	131 700	180 800*									42,0
44,0	64,5	129,8	123 200	171 400*									44,0
46,0	62,5	128,7	115 600	162 800*									46,0
48,0	60,6	127,6	108 700	154 900*									48,0
50,0	58,6	126,4	102 300	147 700*									50,0
52,0	56,5	125,1	96 400	140 900*	62,3	127,3	82 200	131 200*					52,0
54,0	54,4	123,7	91 000	134 600*	60,3	126,1	77 400	125 300*					54,0
56,0	52,3	122,1	85 900	128 800*	58,3	124,9	72 900	119 900*					56,0
58,0	50,1	120,5	81 300	123 400*	56,3	123,6	68 800	114 800*					58,0
60,0	47,8	118,7	76 900	118 300*	54,2	122,1	64 900	110 000*					60,0
62,0	45,4	116,7	72 800	113 500*	52,0	120,6	61 200	105 500*	57,9	122,8	49 800	97 600*	62,0
64,0	42,9	114,6	69 000	109 100*	49,8	118,9	57 800	101 300*	55,9	121,5	46 800	93 600*	64,0
66,0	40,3	112,3	65 400	104 800*	47,5	117,1	54 600	97 300*	53,8	120,0	44 000	89 900*	66,0
68,0	37,5	109,7	62 000	100 800*	45,1	115,1	51 600	93 600*	51,6	118,4	41 300	86 400*	68,0
70,0	34,5	106,9	58 700	97 000*	42,6	113,0	48 800	90 000*	49,3	116,7	38 800	83 000*	70,0
72,0	31,3	103,7	55 600	93 400*	39,9	110,6	46 000	86 700*	47,0	114,9	36 400	79 900*	72,0
74,0	27,7	100,0	52 700	89 900*	37,1	108,0	43 500	83 400*	44,6	112,9	34 200	76 900*	74,0
76,0	23,7	95,7	49 800	86 600*	34,1	105,2	41 000	80 400*	42,1	110,7	32 000	74 100*	76,0
80,0	11,9	82,6	44 100	80 200*	27,3	98,2	36 300	74 600*	36,6	105,7	28 000	68 700*	80,0
84,0					18,0	88,2	31 900	69 200*	30,2	99,4	24 300	63 800*	84,0
88,0									22,2	90,9	20 700	59 300*	88,0

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

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

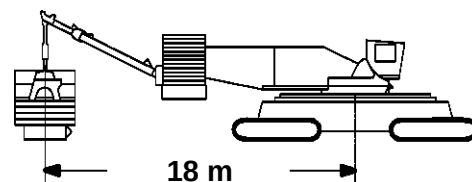
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	69,2	137,7	133 700	183 300*									41,1
42,0	68,4	137,4	129 900	179 200*									42,0
44,0	66,7	136,5	121 400	169 700*									44,0
46,0	65,0	135,6	113 700	161 200*									46,0
48,0	63,3	134,6	106 700	153 300*									48,0
50,0	61,5	133,5	100 400	146 000*									50,0
52,0	59,7	132,3	94 500	139 300*	64,8	134,1	80 100	129 500*					52,0
54,0	57,8	131,1	89 100	133 100*	63,0	133,1	75 300	123 600*					54,0
56,0	55,9	129,7	84 100	127 300*	61,3	132,0	70 800	118 200*					56,0
58,0	54,0	128,3	79 400	121 900*	59,4	130,8	66 700	113 100*					58,0
60,0	52,0	126,7	75 100	116 800*	57,6	129,6	62 800	108 300*					60,0
62,0	50,0	125,1	71 100	112 000*	55,7	128,2	59 200	103 900*					62,0
64,0	47,9	123,3	67 200	107 600*	53,8	126,8	55 800	99 700*	59,1	128,8	44 500	91 800*	64,0
66,0	45,7	121,3	63 700	103 400*	51,8	125,2	52 700	95 700*	57,2	127,5	41 800	88 100*	66,0
68,0	43,4	119,3	60 300	99 400*	49,7	123,5	49 700	92 000*	55,3	126,1	39 100	84 700*	68,0
70,0	41,1	117,0	57 100	95 600*	47,6	121,7	46 900	88 400*	53,4	124,6	36 700	81 400*	70,0
72,0	38,6	114,5	54 100	92 100*	45,4	119,8	44 200	85 100*	51,4	123,1	34 300	78 200*	72,0
74,0	35,9	111,8	51 200	88 700*	43,1	117,7	41 700	82 000*	49,3	121,3	32 100	75 200*	74,0
76,0	33,1	108,8	48 500	85 500*	40,8	115,4	39 200	78 900*	47,2	119,5	30 000	72 400*	76,0
80,0	26,7	101,6	43 400	79 400*	35,6	110,1	34 700	73 300*	42,7	115,4	26 100	67 200*	80,0
84,0	18,2	91,6	38 500	73 800*	29,7	103,7	30 600	68 100*	37,8	110,5	22 500	62 400*	84,0
88,0					22,3	95,2	26 700	63 300*	32,2	104,6	19 200	58 000*	88,0
92,0					10,7	80,9	22 600	58 600*	25,5	97,1	16 000	53 900*	92,0
96,0									16,4	86,2	12 800	49 900*	96,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

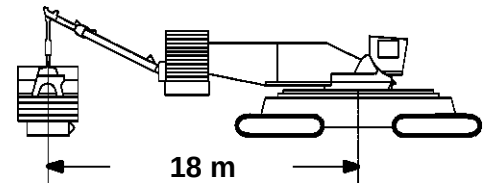
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	69,7	143,7	124 600	172 500*									42,7
44,0	68,6	143,1	119 200	167 600*									44,0
46,0	67,1	142,3	111 500	159 200*									46,0
48,0	65,5	141,4	104 600	151 400*									48,0
50,0	63,9	140,4	98 200	144 200*									50,0
52,0	62,2	139,4	92 400	137 500*									52,0
54,0	60,6	138,2	86 900	131 200*									54,0
56,0	58,9	137,0	82 000	125 400*	63,7	138,9	68 300	116 100*					56,0
58,0	57,2	135,8	77 300	120 100*	62,0	137,9	64 200	111 000*					58,0
60,0	55,4	134,4	73 000	115 000*	60,4	136,8	60 400	106 300*					60,0
62,0	53,6	132,9	69 000	110 300*	58,7	135,5	56 800	101 900*					62,0
64,0	51,8	131,3	65 200	105 900*	56,9	134,2	53 400	97 700*					64,0
66,0	49,9	129,7	61 600	101 700*	55,2	132,9	50 300	93 800*					66,0
68,0	48,0	127,9	58 300	97 700*	53,4	131,4	47 300	90 100*	58,3	133,5	36 500	82 600*	68,0
70,0	46,0	126,0	55 200	94 000*	51,6	129,8	44 500	86 600*	56,6	132,1	34 100	79 300*	70,0
72,0	43,9	123,9	52 200	90 500*	49,7	128,1	41 900	83 300*	54,8	130,7	31 800	76 200*	72,0
74,0	41,7	121,7	49 400	87 100*	47,7	126,3	39 400	80 100*	53,0	129,2	29 600	73 300*	74,0
76,0	39,5	119,3	46 700	83 900*	45,7	124,4	37 100	77 200*	51,2	127,7	27 500	70 400*	76,0
80,0	34,6	113,8	41 700	78 000*	41,4	120,1	32 700	71 600*	47,3	124,1	23 700	65 300*	80,0
84,0	29,0	107,2	37 100	72 500*	36,8	115,0	28 600	66 500*	43,2	120,1	20 200	60 500*	84,0
88,0	22,1	98,5	32 800	67 500*	31,5	109,0	24 900	61 900*	38,7	115,3	16 900	56 200*	88,0
92,0	11,6	84,7	28 500	62 600*	25,3	101,3	21 400	57 500*	33,7	109,7	14 000	52 200*	92,0
96,0					17,0	90,6	18 000	53 400*	28,0	102,8	11 100	48 500*	96,0
100,0									20,8	93,7	8 400	45 000*	100,0

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

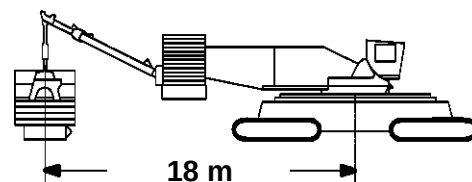
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	69,0	149,0	111 300	151 400*									45,7
46,0	68,8	148,9	110 300	151 400*									46,0
48,0	67,3	148,1	103 200	149 200*									48,0
50,0	65,9	147,2	96 800	142 700*									50,0
52,0	64,4	146,2	91 000	135 900*									52,0
54,0	62,9	145,2	85 500	129 700*									54,0
56,0	61,3	144,1	80 500	124 000*									56,0
58,0	59,8	142,9	75 900	118 600*	64,2	144,8	62 500	109 400*					58,0
60,0	58,2	141,7	71 500	113 500*	62,7	143,7	58 600	104 700*					60,0
62,0	56,6	140,4	67 500	108 900*	61,1	142,6	55 000	100 300*					62,0
64,0	55,0	139,0	63 700	104 400*	59,6	141,5	51 700	96 100*					64,0
66,0	53,3	137,5	60 200	100 300*	58,0	140,2	48 500	92 200*					66,0
68,0	51,6	135,9	56 800	96 300*	56,4	138,9	45 600	88 600*					68,0
70,0	49,8	134,3	53 700	92 600*	54,8	137,5	42 800	85 100*					70,0
72,0	48,0	132,5	50 800	89 100*	53,1	136,0	40 200	81 800*	57,7	138,1	29 800	74 500*	72,0
74,0	46,2	130,6	47 900	85 800*	51,4	134,4	37 700	78 700*	56,1	136,8	27 600	71 600*	74,0
76,0	44,3	128,6	45 300	82 600*	49,6	132,7	35 400	75 700*	54,4	135,4	25 600	68 800*	76,0
80,0	40,2	124,0	40 300	76 700*	45,9	129,0	31 000	70 200*	51,0	132,2	21 800	63 700*	80,0
84,0	35,8	118,8	35 900	71 400*	42,0	124,8	27 000	65 200*	47,4	128,7	18 300	59 000*	84,0
88,0	30,8	112,5	31 700	66 500*	37,8	119,9	23 400	60 600*	43,6	124,7	15 200	54 700*	88,0
92,0	24,9	104,8	27 800	61 900*	33,1	114,1	20 000	56 300*	39,5	120,1	12 300	50 800*	92,0
96,0	17,2	94,0	24 100	57 500*	27,6	107,1	16 900	52 400*	35,0	114,7	9 500	47 200*	96,0
100,0					20,9	97,9	13 900	48 700*	29,9	108,2	7 000	43 700*	100,0
104,0					10,6	83,1	10 700	45 000*	23,9	100,1	4 500	40 500*	104,0
108,0									15,6	88,6	2 000	37 400*	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

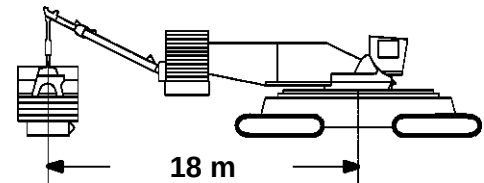
90 720 kg Carbody Counterweight

271 840 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	69,4	155,0	103 600	132 100*									47,2
48,0	68,9	154,7	101 000	132 100*									48,0
50,0	67,6	153,9	94 500	132 100*									50,0
52,0	66,2	153,0	88 700	131 800*									52,0
54,0	64,8	152,0	83 300	128 100*									54,0
56,0	63,4	151,0	78 300	122 100*									56,0
58,0	62,0	150,0	73 600	116 700*									58,0
60,0	60,6	148,8	69 300	111 700*	64,6	150,6	56 100	102 700*					60,0
62,0	59,1	147,6	65 300	107 000*	63,2	149,6	52 500	98 300*					62,0
64,0	57,6	146,4	61 500	102 600*	61,8	148,5	49 200	94 100*					64,0
66,0	56,1	145,1	58 000	98 500*	60,4	147,4	46 100	90 200*					66,0
68,0	54,6	143,6	54 700	94 400*	58,9	146,2	43 100	86 600*					68,0
70,0	53,0	142,1	51 600	89 900*	57,4	144,9	40 400	83 100*					70,0
72,0	51,4	140,6	48 600	85 400*	55,9	143,5	37 800	79 900*					72,0
74,0	49,8	138,9	45 900	81 100*	54,4	142,1	35 300	76 800*	58,6	144,1	25 000	69 500*	74,0
76,0	48,1	137,1	43 200	76 900*	52,8	140,6	33 000	73 800*	57,1	142,8	23 000	66 800*	76,0
80,0	44,6	133,2	38 300	69 000*	49,6	137,3	28 700	68 400*	54,1	140,0	19 200	61 700*	80,0
84,0	40,9	128,8	33 900	61 700*	46,2	133,6	24 800	63 400*	50,9	136,9	15 800	57 100*	84,0
88,0	36,8	123,7	29 800	55 000*	42,5	129,4	21 200	58 800*	47,6	133,3	12 700	52 800*	88,0
92,0	32,3	117,7	26 100	48 900*	38,6	124,7	17 900	54 600*	44,0	129,4	9 900	48 900*	92,0
96,0	27,2	110,5	22 600	43 300*	34,3	119,1	14 900	50 800*	40,2	124,8	7 200	45 400*	96,0
100,0	20,8	101,3	19 300	38 300*	29,5	112,5	12 000	46 200*	36,1	119,6	4 700	42 000*	100,0
104,0	11,4	86,9	15 900	34 100*	23,8	104,3	9 300	40 900*	31,5	113,5	2 400	38 900*	104,0
108,0					16,2	93,0	6 600	36 200*	26,2	106,1	200	36 000*	108,0
112,0									19,6	96,3		33 100*	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).

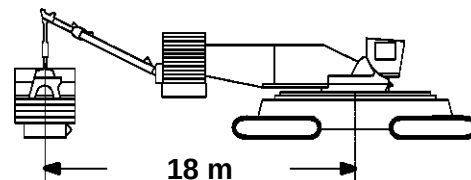
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0				c									29,0
30,0													30,0
32,0	64,3	108,2	195 800	250 600*b									32,0
34,0	60,7	107,1	181 000	234 800*b									34,0
36,0	57,0	105,8	168 000	220 700*b									36,0
38,0	53,1	104,4	156 400	208 000*b									38,0
40,0	49,0	102,7	145 900	196 500*	61,2	105,8	128 100	184 400*b					40,0
42,0	44,6	100,7	136 500	186 000*	57,5	104,6	119 700	174 600*b					42,0
44,0	39,8	98,3	127 900	176 400*	53,7	103,1	112 200	165 600*b					44,0
46,0	34,4	95,5	120 000	167 500*	49,6	101,4	105 200	157 400*					46,0
48,0	28,0	92,0	112 600	159 300*	45,2	99,5	98 900	149 800*	57,8	102,7	84 700	140 000*b	48,0
50,0	19,8	87,1	105 600	151 500*	40,4	97,2	93 000	142 800*	53,9	101,2	79 500	133 500*b	50,0
52,0					35,1	94,5	87 500	136 200*	49,8	99,6	74 800	127 400*	52,0
54,0					29,0	91,1	82 200	130 000*	45,5	97,6	70 400	121 700*	54,0
56,0					21,1	86,5	77 200	124 100*	40,7	95,4	66 200	116 400*	56,0
58,0									35,5	92,7	62 200	111 400*	58,0
60,0									29,4	89,3	58 400	106 600*	60,0
62,0									21,6	84,8	54 700	102 000*	62,0
64,0									7,8	76,2	50 400	97 100*	64,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

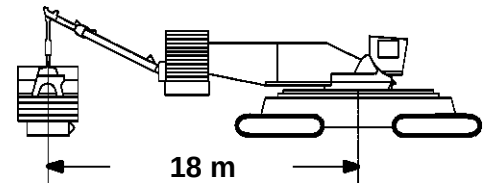
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	68,2	115,0	194 400	248 700*b									32,0
34,0	65,3	114,1	179 700	233 000*b									34,0
36,0	62,3	113,0	166 700	219 000*b									36,0
38,0	59,1	111,8	155 100	206 400*b									38,0
40,0	55,9	110,5	144 800	195 000*									40,0
42,0	52,5	109,0	135 500	184 600*	62,7	111,7	117 800	172 700*b					42,0
44,0	49,0	107,2	127 000	175 200*	59,6	110,5	110 300	163 800*b					44,0
46,0	45,2	105,3	119 300	166 500*	56,3	109,2	103 400	155 700*					46,0
48,0	41,2	103,1	112 300	158 500*	53,0	107,7	97 200	148 200*					48,0
50,0	36,8	100,5	105 700	151 000*	49,5	106,0	91 500	141 300*					50,0
52,0	31,9	97,4	99 600	144 100*	45,8	104,1	86 200	134 800*	56,5	107,3	72 600	125 400*	52,0
54,0	26,1	93,6	93 800	137 600*	41,8	101,9	81 300	128 800*	53,2	105,8	68 300	119 900*	54,0
56,0	18,6	88,4	88 200	131 400*	37,4	99,4	76 600	123 200*	49,7	104,2	64 300	114 700*	56,0
58,0					32,6	96,4	72 200	118 000*	46,0	102,2	60 500	109 800*	58,0
60,0					27,0	92,7	68 000	113 000*	42,0	100,1	57 000	105 200*	60,0
62,0					19,8	87,8	63 900	108 100*	37,7	97,6	53 700	100 900*	62,0
64,0					6,8	78,3	59 300	103 100*	32,9	94,6	50 400	96 800*	64,0
66,0									27,3	90,9	47 400	92 800*	66,0
68,0									20,3	86,1	44 300	89 000*	68,0
70,0									8,2	77,4	40 700	85 000*	70,0

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

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

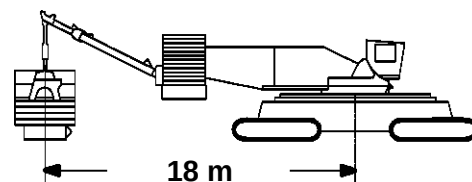
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	69,2	120,9	181 700	235 200*(b)									33,5
34,0	68,6	120,7	178 500	231 800*(b)									34,0
36,0	66,0	119,8	165 400	217 700*(b)									36,0
38,0	63,4	118,8	153 900	205 100*(b)									38,0
40,0	60,7	117,7	143 700	193 800*									40,0
42,0	57,9	116,5	134 400	183 500*									42,0
44,0	55,1	115,1	126 100	174 100*									44,0
46,0	52,1	113,6	118 400	165 500*	61,1	116,4	101 900	154 300*					46,0
48,0	49,0	111,8	111 500	157 600*	58,3	115,2	95 800	146 900*					48,0
50,0	45,7	109,9	105 100	150 300*	55,4	113,8	90 100	140 000*					50,0
52,0	42,3	107,8	99 200	143 500*	52,5	112,3	84 900	133 600*					52,0
54,0	38,6	105,3	93 700	137 100*	49,4	110,6	80 100	127 800*	58,5	113,3	66 600	118 400*	54,0
56,0	34,5	102,5	88 500	131 200*	46,2	108,8	75 600	122 300*	55,6	111,9	62 600	113 300*	56,0
58,0	29,9	99,2	83 700	125 600*	42,8	106,6	71 400	117 100*	52,7	110,4	59 000	108 500*	58,0
60,0	24,6	95,1	79 000	120 400*	39,1	104,2	67 400	112 300*	49,6	108,8	55 600	104 000*	60,0
62,0	17,7	89,6	74 500	115 200*	35,1	101,4	63 700	107 700*	46,4	106,9	52 400	99 800*	62,0
64,0	2,6	76,9	69 100	109 800*	30,6	98,2	60 200	103 400*	43,0	104,8	49 400	95 800*	64,0
66,0					25,4	94,2	56 700	99 200*	39,3	102,4	46 500	92 000*	66,0
68,0					18,8	89,0	53 300	95 200*	35,3	99,6	43 700	88 400*	68,0
70,0					7,4	79,5	49 500	91 000*	30,9	96,4	41 100	85 000*	70,0
72,0									25,7	92,5	38 500	81 700*	72,0
74,0									19,2	87,4	35 900	78 400*	74,0
76,0									8,6	78,5	32 900	75 000*	76,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

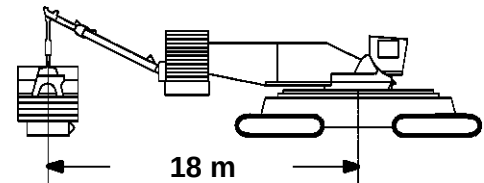
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	69,9	126,9	169 700	222 100* ^b									35,1
36,0	68,8	126,5	163 900	215 800* ^b									36,0
38,0	66,6	125,6	152 300	203 200* ^b									38,0
40,0	64,2	124,7	142 000	191 900*									40,0
42,0	61,9	123,6	132 800	181 600*									42,0
44,0	59,4	122,4	124 400	172 300*									44,0
46,0	57,0	121,2	116 800	163 800*	64,5	123,4	99 700	152 200*					46,0
48,0	54,4	119,7	109 900	155 900*	62,2	122,3	93 500	144 800*					48,0
50,0	51,8	118,2	103 500	148 600*	59,8	121,2	88 000	138 000*					50,0
52,0	49,0	116,4	97 700	141 900*	57,3	119,9	82 800	131 700*					52,0
54,0	46,1	114,6	92 200	135 600*	54,7	118,5	78 000	125 900*					54,0
56,0	43,1	112,4	87 200	129 800*	52,1	116,9	73 600	120 400*					56,0
58,0	39,9	110,1	82 500	124 400*	49,4	115,2	69 500	115 400*	57,4	118,0	56 500	106 400*	58,0
60,0	36,4	107,4	78 100	119 200*	46,5	113,4	65 600	110 600*	54,9	116,6	53 100	101 900*	60,0
62,0	32,6	104,4	73 900	114 400*	43,5	111,3	62 000	106 100*	52,3	115,0	50 000	97 800*	62,0
64,0	28,4	100,9	70 000	109 800*	40,3	109,0	58 600	101 900*	49,5	113,3	47 100	93 900*	64,0
66,0	23,4	96,6	66 100	105 400*	36,9	106,4	55 400	97 900*	46,7	111,5	44 300	90 100*	66,0
68,0	17,0	90,8	62 300	101 200*	33,1	103,4	52 300	94 100*	43,7	109,4	41 700	86 600*	68,0
70,0	4,7	79,2	57 900	96 600*	29,0	99,9	49 300	90 400*	40,5	107,1	39 200	83 300*	70,0
72,0					24,1	95,7	46 400	87 000*	37,1	104,5	36 700	80 200*	72,0
74,0					18,0	90,2	43 500	83 600*	33,4	101,6	34 500	77 200*	74,0
76,0					7,8	80,7	40 300	80 000*	29,2	98,2	32 200	74 300*	76,0
80,0									18,4	88,6	27 900	68 700*	80,0

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

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

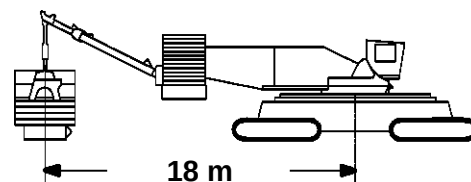
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	68,9	132,2	150 100	201 000*									38,1
40,0	67,0	131,4	140 400	190 400*									40,0
42,0	64,9	130,5	131 200	180 200*									42,0
44,0	62,8	129,5	122 900	170 900*									44,0
46,0	60,7	128,4	115 300	162 400*									46,0
48,0	58,4	127,1	108 400	154 600*									48,0
50,0	56,2	125,8	102 100	147 300*	63,1	128,2	86 100	136 400*					50,0
52,0	53,9	124,3	96 300	140 600*	60,9	127,1	81 000	130 200*					52,0
54,0	51,5	122,8	90 900	134 400*	58,7	125,8	76 300	124 400*					54,0
56,0	49,0	121,1	85 900	128 700*	56,5	124,5	71 900	119 000*					56,0
58,0	46,4	119,2	81 300	123 200*	54,2	123,1	67 800	114 000*					58,0
60,0	43,7	117,1	77 000	118 200*	51,8	121,5	64 000	109 200*	58,9	123,9	51 200	100 400*	60,0
62,0	40,9	114,8	72 900	113 400*	49,3	119,8	60 500	104 800*	56,6	122,6	48 100	96 200*	62,0
64,0	37,8	112,3	69 000	109 000*	46,8	118,0	57 100	100 600*	54,3	121,2	45 200	92 400*	64,0
66,0	34,6	109,5	65 400	104 700*	44,1	115,9	54 000	96 700*	51,9	119,6	42 500	88 700*	66,0
68,0	31,0	106,3	62 000	100 700*	41,3	113,7	51 000	93 000*	49,5	117,9	39 900	85 200*	68,0
70,0	27,0	102,5	58 700	96 900*	38,3	111,2	48 100	89 400*	46,9	116,1	37 500	81 900*	70,0
72,0	22,4	98,0	55 500	93 200*	35,0	108,4	45 500	86 100*	44,2	114,1	35 200	78 900*	72,0
74,0	16,4	92,0	52 300	89 600*	31,5	105,3	42 900	82 900*	41,4	111,8	33 000	75 900*	74,0
76,0	5,7	80,7	48 600	85 700*	27,6	101,6	40 400	79 800*	38,4	109,4	30 900	73 100*	76,0
80,0					17,3	91,4	35 500	73 900*	31,7	103,5	26 900	67 800*	80,0
84,0									23,3	95,5	23 100	62 900*	84,0
88,0									8,9	80,7	19 000	58 000*	88,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

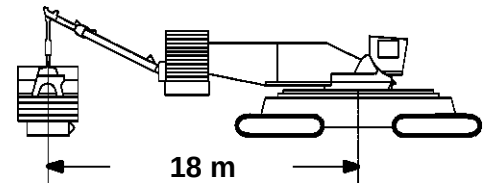
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	69,5	138,2	140 000	190 400*									39,6
40,0	69,2	138,0	138 200	188 400*									40,0
42,0	67,3	137,2	128 900	178 200*									42,0
44,0	65,5	136,3	120 600	168 900*									44,0
46,0	63,6	135,3	113 100	160 500*									46,0
48,0	61,6	134,2	106 200	152 700*									48,0
50,0	59,6	133,1	100 000	145 500*									50,0
52,0	57,6	131,8	94 200	138 800*	63,8	134,0	78 400	128 100*					52,0
54,0	55,6	130,4	88 900	132 600*	61,9	132,9	73 700	122 300*					54,0
56,0	53,4	129,0	83 900	126 900*	59,9	131,8	69 400	116 900*					56,0
58,0	51,3	127,4	79 300	121 600*	57,9	130,5	65 400	111 900*					58,0
60,0	49,0	125,7	75 000	116 500*	55,8	129,2	61 600	107 200*					60,0
62,0	46,7	123,8	71 000	111 800*	53,7	127,7	58 100	102 800*					62,0
64,0	44,2	121,8	67 200	107 400*	51,5	126,1	54 800	98 700*	58,0	128,6	42 500	90 200*	64,0
66,0	41,7	119,5	63 700	103 200*	49,3	124,4	51 700	94 900*	56,0	127,3	39 800	86 600*	66,0
68,0	39,0	117,1	60 400	99 200*	47,0	122,6	48 800	91 200*	53,9	125,8	37 300	83 100*	68,0
70,0	36,1	114,4	57 200	95 500*	44,6	120,6	46 000	87 700*	51,7	124,2	34 900	79 900*	70,0
72,0	33,0	111,4	54 100	91 900*	42,0	118,4	43 400	84 400*	49,4	122,6	32 700	76 900*	72,0
74,0	29,7	108,0	51 300	88 500*	39,4	116,0	40 900	81 200*	47,1	120,7	30 600	74 000*	74,0
76,0	25,9	104,1	48 500	85 300*	36,5	113,3	38 600	78 300*	44,7	118,7	28 500	71 200*	76,0
80,0	15,9	93,1	43 000	79 000*	30,1	107,1	34 100	72 600*	39,5	114,2	24 700	66 000*	80,0
84,0					22,1	98,6	29 800	67 400*	33,7	108,6	21 200	61 300*	84,0
88,0					8,3	83,0	25 300	62 200*	26,7	101,5	17 900	56 900*	88,0
92,0									17,1	91,1	14 600	52 700*	92,0

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

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

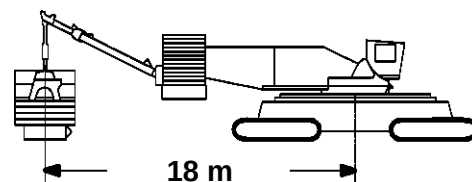
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	68,8	143,5	124 100	173 300*									42,7
44,0	67,6	143,0	118 700	167 300*									44,0
46,0	65,9	142,1	111 200	158 700*									46,0
48,0	64,2	141,1	104 300	151 000*									48,0
50,0	62,4	140,1	98 000	143 800*									50,0
52,0	60,6	139,0	92 300	137 200*									52,0
54,0	58,8	137,8	87 000	131 000*	64,4	139,8	71 600	120 500*					54,0
56,0	56,9	136,5	82 000	125 300*	62,7	138,8	67 200	115 200*					56,0
58,0	55,0	135,1	77 500	120 000*	60,9	137,7	63 200	110 200*					58,0
60,0	53,1	133,6	73 200	115 000*	59,0	136,5	59 500	105 500*					60,0
62,0	51,1	132,0	69 200	110 300*	57,2	135,2	56 000	101 100*					62,0
64,0	49,0	130,2	65 500	105 900*	55,3	133,8	52 700	97 000*					64,0
66,0	46,9	128,4	61 900	101 700*	53,3	132,3	49 600	93 200*	59,2	134,6	37 500	84 800*	66,0
68,0	44,6	126,4	58 600	97 800*	51,3	130,7	46 800	89 500*	57,3	133,3	35 100	81 400*	68,0
70,0	42,3	124,2	55 500	94 100*	49,3	129,0	44 000	86 100*	55,4	131,9	32 700	78 200*	70,0
72,0	39,9	121,9	52 600	90 600*	47,1	127,2	41 500	82 800*	53,5	130,4	30 500	75 100*	72,0
74,0	37,4	119,3	49 700	87 200*	44,9	125,2	39 000	79 700*	51,5	128,9	28 400	72 200*	74,0
76,0	34,6	116,4	47 100	84 000*	42,6	123,1	36 700	76 800*	49,4	127,2	26 400	69 500*	76,0
80,0	28,5	109,7	42 000	78 100*	37,7	118,2	32 400	71 300*	45,1	123,3	22 700	64 400*	80,0
84,0	20,8	100,7	37 300	72 600*	32,1	112,3	28 400	66 200*	40,4	118,9	19 300	59 800*	84,0
88,0	6,8	83,3	32 100	67 000*	25,4	104,8	24 600	61 500*	35,2	113,6	16 100	55 500*	88,0
92,0					16,3	93,8	21 000	57 100*	29,2	107,0	13 200	51 500*	92,0
96,0									21,6	98,3	10 300	47 800*	96,0
100,0									9,2	82,9	7 200	44 000*	100,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

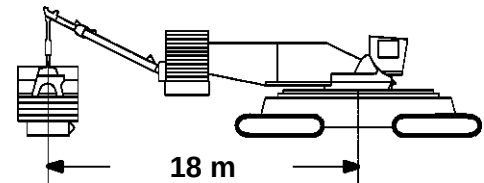
90 720 kg Carbody Counterweight

271 840 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	69,3	149,5	116 200	161 400*									44,2
46,0	67,9	148,8	109 400	157 000*									46,0
48,0	66,3	147,9	102 500	149 100*									48,0
50,0	64,7	146,9	96 200	141 900*									50,0
52,0	63,1	145,9	90 400	135 300*									52,0
54,0	61,5	144,8	85 000	129 200*									54,0
56,0	59,8	143,7	80 100	123 400*									56,0
58,0	58,1	142,4	75 600	118 200*	63,3	144,6	60 900	108 100*					58,0
60,0	56,3	141,1	71 300	113 200*	61,7	143,5	57 200	103 400*					60,0
62,0	54,6	139,7	67 300	108 500*	60,0	142,4	53 700	99 100*					62,0
64,0	52,8	138,2	63 600	104 100*	58,3	141,2	50 400	95 000*					64,0
66,0	50,9	136,6	60 100	100 000*	56,6	139,8	47 400	91 200*					66,0
68,0	49,0	134,9	56 700	96 100*	54,8	138,4	44 500	87 600*					68,0
70,0	47,0	133,0	53 700	92 400*	53,0	136,9	41 800	84 200*	58,4	139,2	30 100	76 000*	70,0
72,0	45,0	131,0	50 700	88 900*	51,2	135,3	39 300	80 900*	56,7	137,9	27 900	73 000*	72,0
74,0	42,9	128,9	48 000	85 600*	49,3	133,6	36 800	77 900*	54,9	136,5	25 800	70 200*	74,0
76,0	40,7	126,6	45 300	82 500*	47,3	131,8	34 500	74 900*	53,1	135,0	23 900	67 500*	76,0
80,0	35,9	121,4	40 400	76 600*	43,2	127,7	30 200	69 500*	49,4	131,8	20 200	62 400*	80,0
84,0	30,5	115,1	35 900	71 200*	38,7	123,0	26 400	64 600*	45,4	128,0	16 900	57 900*	84,0
88,0	24,1	107,1	31 700	66 300*	33,7	117,4	22 800	60 000*	41,1	123,6	13 800	53 700*	88,0
92,0	15,1	95,4	27 600	61 600*	27,9	110,5	19 400	55 800*	36,4	118,5	11 000	49 800*	92,0
96,0					20,7	101,3	16 200	51 800*	31,1	112,3	8 300	46 200*	96,0
100,0					8,7	85,2	12 700	47 800*	24,8	104,6	5 800	42 800*	100,0
104,0									16,2	93,4	3 200	39 500*	104,0

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

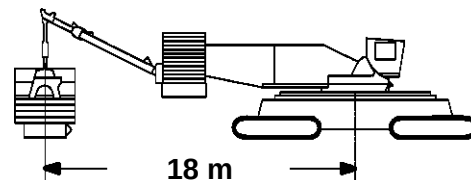
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	69,8	155,4	108 600	141 500*									45,7
46,0	69,6	155,3	107 600	141 500*									46,0
48,0	68,1	154,5	100 700	141 500*									48,0
50,0	66,6	153,7	94 400	139 700*									50,0
52,0	65,2	152,7	88 600	133 700*									52,0
54,0	63,7	151,8	83 200	127 600*									54,0
56,0	62,2	150,7	78 300	121 900*									56,0
58,0	60,6	149,6	73 700	116 600*									58,0
60,0	59,0	148,4	69 500	111 700*	63,9	150,4	55 100	101 800*					60,0
62,0	57,5	147,1	65 500	107 000*	62,4	149,4	51 600	97 500*					62,0
64,0	55,8	145,8	61 800	102 700*	60,8	148,3	48 400	93 500*					64,0
66,0	54,2	144,3	58 300	98 600*	59,3	147,1	45 400	89 600*					66,0
68,0	52,5	142,8	55 000	94 700*	57,7	145,8	42 500	86 000*					68,0
70,0	50,8	141,2	52 000	91 000*	56,1	144,5	39 900	82 600*					70,0
72,0	49,0	139,4	49 000	87 500*	54,4	143,1	37 300	79 400*	59,4	145,2	25 800	71 300*	72,0
74,0	47,2	137,6	46 300	84 300*	52,7	141,6	34 900	76 300*	57,8	143,9	23 700	68 500*	74,0
76,0	45,3	135,6	43 700	81 100*	51,0	139,9	32 700	73 400*	56,2	142,6	21 800	65 800*	76,0
80,0	41,3	131,3	38 900	75 300*	47,4	136,4	28 400	68 000*	52,8	139,6	18 200	60 800*	80,0
84,0	37,0	126,3	34 500	70 000*	43,6	132,4	24 600	63 200*	49,3	136,3	14 900	56 300*	84,0
88,0	32,2	120,3	30 400	65 200*	39,5	127,8	21 100	58 600*	45,7	132,6	11 900	52 100*	88,0
92,0	26,6	113,0	26 600	60 700*	35,0	122,4	17 900	54 500*	41,7	128,3	9 200	48 300*	92,0
96,0	19,6	103,3	23 000	56 400*	29,9	115,9	14 800	50 700*	37,4	123,3	6 600	44 800*	96,0
100,0					23,8	107,8	12 000	47 100*	32,7	117,5	4 200	41 500*	100,0
104,0					15,5	96,2	9 100	43 600*	27,2	110,4	1 900	38 500*	104,0
108,0									20,3	101,0		35 500*	108,0
112,0									9,3	85,1		32 500*	112,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

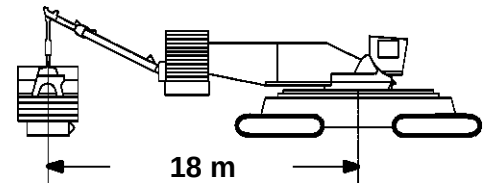
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	69,1	160,8	95 800	124 800*									48,8
50,0	68,3	160,3	92 100	124 800*									50,0
52,0	66,9	159,4	86 300	124 800*									52,0
54,0	65,6	158,5	80 900	124 100*									54,0
56,0	64,2	157,6	76 000	120 300*									56,0
58,0	62,8	156,5	71 500	114 800*									58,0
60,0	61,3	155,4	67 200	109 800*									60,0
62,0	59,9	154,3	63 300	105 200*									62,0
64,0	58,4	153,1	59 600	100 800*	62,9	155,2	45 900	91 400*					64,0
66,0	56,9	151,8	56 100	96 700*	61,5	154,1	42 800	87 600*					66,0
68,0	55,4	150,4	52 900	92 900*	60,1	153,0	40 000	84 000*					68,0
70,0	53,8	148,9	49 800	89 200*	58,6	151,8	37 400	80 600*					70,0
72,0	52,3	147,4	46 900	85 800*	57,1	150,5	34 900	77 400*					72,0
74,0	50,6	145,8	44 200	82 500*	55,6	149,1	32 500	74 400*					74,0
76,0	49,0	144,1	41 600	78 900*	54,1	147,7	30 200	71 500*	58,7	149,9	19 100	63 700*	76,0
80,0	45,5	140,3	36 800	71 000*	50,9	144,6	26 100	66 200*	55,7	147,2	15 500	58 800*	80,0
84,0	41,9	136,0	32 400	63 600*	47,5	141,0	22 300	61 300*	52,6	144,3	12 300	54 300*	84,0
88,0	37,9	131,1	28 500	56 800*	44,0	137,0	18 900	56 800*	49,3	140,9	9 400	50 200*	88,0
92,0	33,6	125,4	24 800	50 500*	40,2	132,5	15 700	52 700*	45,9	137,2	6 700	46 400*	92,0
96,0	28,6	118,6	21 400	44 800*	36,1	127,3	12 700	49 000*	42,2	133,0	4 200	42 900*	96,0
100,0	22,7	110,0	18 100	39 600*	31,5	121,2	10 000	45 500*	38,3	128,2	1 900	39 700*	100,0
104,0	14,5	97,7	14 900	35 100*	26,2	113,7	7 400	42 200*	34,0	122,6		36 700*	104,0
108,0					19,6	103,9	4 900	38 000*	29,1	115,9		33 900*	108,0
112,0					8,9	87,4	2 100	34 000*	23,3	107,5		31 200*	112,0
116,0									15,5	95,8		28 500*	116,0

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

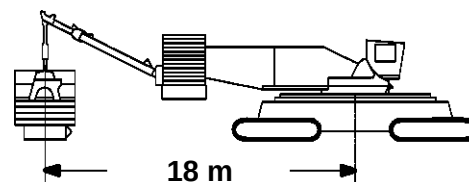
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5				c									30,5
32,0				c									32,0
34,0	62,7	113,7	177 900	231 500*b									34,0
36,0	59,0	112,6	164 900	217 500*b									36,0
38,0	55,2	111,2	153 500	205 000*b									38,0
40,0	51,2	109,6	143 200	193 600*b	64,1	112,6	123 100	180 000*b					40,0
42,0	47,0	107,8	134 000	183 300*	60,5	111,5	115 000	170 400*b					42,0
44,0	42,4	105,6	125 600	173 900*	56,7	110,2	107 700	161 700*b					44,0
46,0	37,3	103,1	117 800	165 100*	52,8	108,7	101 000	153 600*b					46,0
48,0	31,5	100,0	110 600	157 100*	48,7	106,9	94 800	146 200*b					48,0
50,0	24,5	96,0	103 800	149 500*	44,2	104,9	89 200	139 400*					50,0
52,0					39,4	102,6	83 900	133 000*	54,1	107,0	69 400	122 900*b	52,0
54,0					33,9	99,7	78 900	127 000*	50,0	105,4	65 200	117 500*b	54,0
56,0					27,5	96,1	74 200	121 300*	45,7	103,4	61 300	112 300*	56,0
58,0					19,0	91,1	69 400	115 800*	40,9	101,2	57 600	107 500*	58,0
60,0									35,7	98,5	54 100	103 000*	60,0
62,0									29,6	95,2	50 700	98 600*	62,0
64,0									22,0	90,8	47 300	94 400*	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

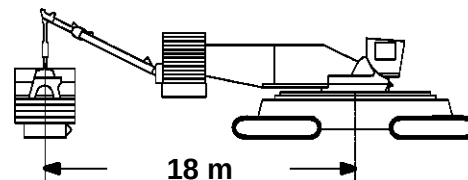
21000

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
271 840 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0				c									32,0
34,0	66,9	120,6	176 100	229 600*b									34,0
36,0	63,9	119,6	163 200	215 700*b									36,0
38,0	60,8	118,5	151 800	203 200*b									38,0
40,0	57,6	117,2	141 700	192 000*b									40,0
42,0	54,3	115,8	132 600	181 800*									42,0
44,0	50,9	114,2	124 300	172 500*	62,0	117,3	105 400	159 700*b					44,0
46,0	47,3	112,4	116 700	163 900*	58,9	116,2	98 800	151 700*b					46,0
48,0	43,4	110,3	109 800	156 100*	55,6	114,8	92 800	144 400*b					48,0
50,0	39,2	107,9	103 400	148 700*	52,3	113,3	87 300	137 700*					50,0
52,0	34,6	105,1	97 400	142 000*	48,7	111,5	82 200	131 400*					52,0
54,0	29,3	101,7	91 800	135 500*	45,0	109,6	77 400	125 600*	56,7	113,1	62 800	115 500*b	54,0
56,0	22,9	97,4	86 400	129 500*	40,9	107,3	73 000	120 100*	53,3	111,6	59 000	110 400*	56,0
58,0					36,5	104,7	68 800	115 000*	49,8	109,9	55 500	105 800*	58,0
60,0					31,5	101,6	64 800	110 100*	46,2	108,1	52 200	101 300*	60,0
62,0					25,6	97,7	61 000	105 500*	42,2	105,9	49 100	97 200*	62,0
64,0					17,9	92,3	57 200	101 000*	37,9	103,4	46 100	93 200*	64,0
66,0									33,1	100,5	43 200	89 400*	66,0
68,0									27,6	96,8	40 500	85 800*	68,0
70,0									20,6	92,1	37 700	82 300*	70,0

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

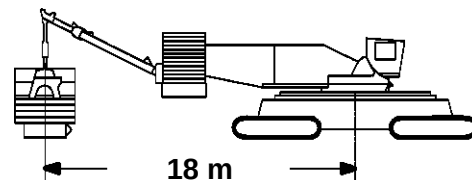
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	68,6	126,7	168 200	220 600* b									35,1
36,0	67,4	126,3	162 400	214 400* b									36,0
38,0	64,8	125,4	151 000	201 900* b									38,0
40,0	62,1	124,3	140 800	190 800* b									40,0
42,0	59,4	123,2	131 700	180 600*									42,0
44,0	56,6	121,9	123 500	171 400*									44,0
46,0	53,7	120,4	116 000	162 900*	63,2	123,2	97 400	150 300* b					46,0
48,0	50,7	118,8	109 100	155 100*	60,5	122,1	91 400	143 000* b					48,0
50,0	47,5	117,0	102 800	147 900*	57,7	120,8	86 000	136 400*					50,0
52,0	44,1	114,9	97 000	141 200*	54,8	119,4	81 000	130 200*					52,0
54,0	40,6	112,7	91 600	135 000*	51,9	117,9	76 300	124 400*					54,0
56,0	36,7	110,1	86 500	129 100*	48,8	116,1	72 000	119 000*					56,0
58,0	32,4	107,0	81 800	123 600*	45,5	114,2	67 900	114 000*	55,7	117,7	53 900	104 300*	58,0
60,0	27,6	103,4	77 300	118 500*	42,0	112,0	64 100	109 300*	52,8	116,2	50 700	100 000*	60,0
62,0	21,6	98,8	72 900	113 500*	38,3	109,6	60 500	104 900*	49,7	114,6	47 700	95 900*	62,0
64,0	13,2	91,9	68 500	108 700*	34,2	106,7	57 100	100 600*	46,5	112,7	44 800	92 000*	64,0
66,0					29,6	103,3	53 900	96 600*	43,1	110,6	42 100	88 400*	66,0
68,0					24,1	99,2	50 700	92 800*	39,5	108,2	39 500	85 000*	68,0
70,0					17,1	93,5	47 500	89 000*	35,5	105,5	37 100	81 700*	70,0
72,0									31,1	102,3	34 700	78 500*	72,0
74,0									26,0	98,4	32 300	75 500*	74,0
76,0									19,6	93,4	30 000	72 500*	76,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

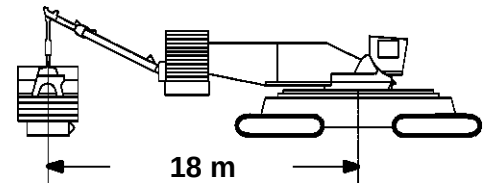
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	69,4	132,7	156 700	208 500* b									36,6
38,0	67,8	132,1	148 800	199 900* b									38,0
40,0	65,5	131,2	138 700	188 800* b									40,0
42,0	63,1	130,2	129 600	178 700*									42,0
44,0	60,7	129,1	121 400	169 500*									44,0
46,0	58,3	127,8	114 000	161 100*									46,0
48,0	55,8	126,5	107 200	153 300*	64,1	129,0	88 900	140 900*					48,0
50,0	53,2	125,0	100 900	146 200*	61,7	128,0	83 500	134 300*					50,0
52,0	50,5	123,4	95 200	139 600*	59,3	126,8	78 500	128 100*					52,0
54,0	47,7	121,6	89 900	133 400*	56,8	125,5	73 900	122 400*					54,0
56,0	44,7	119,6	84 900	127 700*	54,2	124,1	69 600	117 100*					56,0
58,0	41,6	117,4	80 300	122 300*	51,5	122,5	65 700	112 100*					58,0
60,0	38,3	114,9	76 000	117 200*	48,8	120,7	62 000	107 500*	57,6	123,8	48 000	97 800*	60,0
62,0	34,7	112,1	71 900	112 500*	45,9	118,8	58 500	103 100*	55,0	122,4	45 000	93 800*	62,0
64,0	30,7	108,8	68 000	108 000*	42,8	116,7	55 200	99 000*	52,4	120,8	42 300	90 000*	64,0
66,0	26,1	105,0	64 300	103 700*	39,6	114,3	52 100	95 100*	49,7	119,2	39 700	86 400*	66,0
68,0	20,6	100,1	60 700	99 600*	36,1	111,7	49 200	91 400*	46,8	117,3	37 200	83 100*	68,0
70,0	12,9	93,0	57 100	95 500*	32,3	108,6	46 400	87 900*	43,8	115,2	34 900	79 900*	70,0
72,0					28,0	105,0	43 600	84 600*	40,6	113,0	32 600	76 800*	72,0
74,0					23,0	100,6	41 000	81 300*	37,2	110,4	30 500	73 900*	74,0
76,0					16,4	94,7	38 300	78 100*	33,5	107,5	28 400	71 100*	76,0
80,0									24,6	99,9	24 400	65 800*	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).

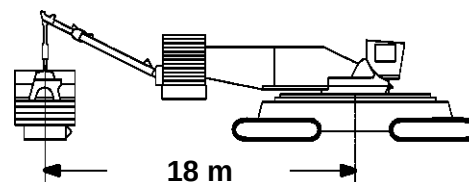
Liftcrane Luffing Jib Capacities

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
271 840 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	70,0	138,6	146 600	197 800*(b)									38,1
40,0	68,1	137,9	137 000	187 200*									40,0
42,0	66,0	137,0	128 000	177 200*									42,0
44,0	63,9	136,0	119 800	168 000*									44,0
46,0	61,8	135,0	112 400	159 700*									46,0
48,0	59,6	133,8	105 600	151 900*									48,0
50,0	57,4	132,5	99 400	144 800*									50,0
52,0	55,1	131,1	93 700	138 300*	62,6	133,8	76 600	126 500*					52,0
54,0	52,8	129,6	88 500	132 100*	60,5	132,7	72 100	120 900*					54,0
56,0	50,3	128,0	83 600	126 400*	58,3	131,5	67 800	115 600*					56,0
58,0	47,8	126,2	79 000	121 100*	56,0	130,1	63 900	110 700*					58,0
60,0	45,2	124,2	74 800	116 100*	53,7	128,7	60 300	106 100*					60,0
62,0	42,4	122,1	70 800	111 400*	51,3	127,1	56 900	101 700*					62,0
64,0	39,5	119,7	67 100	107 000*	48,8	125,3	53 600	97 700*	56,7	128,4	40 300	88 400*	64,0
66,0	36,3	117,0	63 500	102 900*	46,2	123,4	50 600	93 900*	54,4	127,0	37 700	84 900*	66,0
68,0	33,0	114,0	60 200	98 900*	43,5	121,4	47 700	90 200*	52,0	125,4	35 300	81 500*	68,0
70,0	29,2	110,6	56 900	95 100*	40,6	119,1	45 000	86 800*	49,6	123,8	33 000	78 400*	70,0
72,0	24,9	106,5	53 900	91 600*	37,6	116,5	42 400	83 500*	47,0	121,9	30 900	75 400*	72,0
74,0	19,8	101,4	50 800	88 100*	34,3	113,7	40 000	80 400*	44,4	119,9	28 800	72 600*	74,0
76,0	12,6	94,1	47 700	84 600*	30,7	110,4	37 600	77 400*	41,6	117,7	26 900	69 800*	76,0
80,0					22,0	102,0	33 000	71 800*	35,4	112,5	23 200	64 800*	80,0
84,0									28,0	105,7	19 700	60 100*	84,0
88,0									18,0	95,9	16 300	55 600*	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

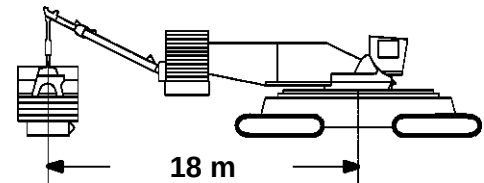
90 720 kg Carbody Counterweight

271 840 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	69,1	144,0	129 400	179 300*									41,1
42,0	68,3	143,7	125 700	175 200*									42,0
44,0	66,5	142,8	117 500	166 000*									44,0
46,0	64,6	141,8	110 100	157 700*									46,0
48,0	62,7	140,8	103 400	150 000*									48,0
50,0	60,7	139,7	97 200	142 900*									50,0
52,0	58,7	138,5	91 500	136 400*									52,0
54,0	56,7	137,2	86 300	130 300*	63,4	139,7	69 400	118 700*					54,0
56,0	54,6	135,8	81 500	124 600*	61,5	138,6	65 200	113 500*					56,0
58,0	52,4	134,2	77 000	119 300*	59,5	137,4	61 400	108 600*					58,0
60,0	50,2	132,6	72 700	114 400*	57,5	136,1	57 700	104 000*					60,0
62,0	47,9	130,8	68 800	109 800*	55,4	134,8	54 400	99 800*					62,0
64,0	45,5	128,9	65 100	105 400*	53,3	133,3	51 200	95 700*					64,0
66,0	43,0	126,7	61 700	101 300*	51,1	131,7	48 300	91 900*	58,1	134,4	35 000	82 700*	66,0
68,0	40,4	124,4	58 400	97 400*	48,8	129,9	45 500	88 300*	56,0	133,1	32 600	79 400*	68,0
70,0	37,7	121,9	55 300	93 700*	46,5	128,1	42 800	84 900*	53,9	131,6	30 400	76 300*	70,0
72,0	34,7	119,1	52 300	90 200*	44,0	126,0	40 300	81 700*	51,8	130,0	28 300	73 300*	72,0
74,0	31,5	115,9	49 500	86 900*	41,5	123,8	37 900	78 700*	49,5	128,4	26 300	70 500*	74,0
76,0	28,0	112,3	46 800	83 600*	38,8	121,3	35 600	75 800*	47,2	126,5	24 400	67 800*	76,0
80,0	19,1	102,7	41 600	77 600*	32,8	115,6	31 300	70 300*	42,3	122,4	20 800	62 900*	80,0
84,0					25,6	108,2	27 400	65 300*	36,8	117,4	17 500	58 400*	84,0
88,0					15,4	97,0	23 400	60 500*	30,5	111,2	14 500	54 100*	88,0
92,0									22,6	102,8	11 500	50 200*	92,0
96,0									9,6	88,1	8 300	46 200*	96,0

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

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

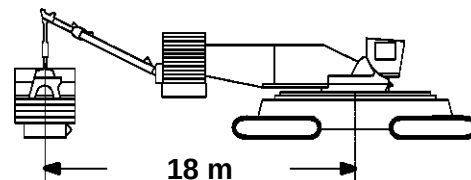
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	69,7	149,9	121 400	170 000*									42,7
44,0	68,5	149,4	116 100	164 300*									44,0
46,0	66,8	148,6	108 600	155 900*									46,0
48,0	65,1	147,6	101 800	148 300*									48,0
50,0	63,4	146,6	95 600	141 200*									50,0
52,0	61,6	145,6	89 900	134 700*									52,0
54,0	59,8	144,4	84 700	128 600*									54,0
56,0	57,9	143,2	79 800	123 000*									56,0
58,0	56,0	141,8	75 300	117 700*	62,3	144,4	59 400	106 800*					58,0
60,0	54,1	140,4	71 100	112 800*	60,5	143,3	55 800	102 300*					60,0
62,0	52,1	138,8	67 200	108 200*	58,7	142,1	52 400	98 000*					62,0
64,0	50,1	137,2	63 500	103 900*	56,8	140,8	49 300	94 000*					64,0
66,0	48,0	135,4	60 000	99 800*	54,9	139,4	46 300	90 200*					66,0
68,0	45,8	133,5	56 800	95 900*	52,9	137,9	43 500	86 700*					68,0
70,0	43,6	131,4	53 700	92 300*	50,9	136,3	40 900	83 300*	57,4	139,1	28 100	74 500*	70,0
72,0	41,2	129,1	50 800	88 800*	48,8	134,6	38 400	80 100*	55,5	137,7	26 100	71 500*	72,0
74,0	38,7	126,7	48 100	85 500*	46,7	132,7	36 000	77 100*	53,5	136,2	24 100	68 700*	74,0
76,0	36,1	124,0	45 400	82 400*	44,5	130,7	33 800	74 200*	51,5	134,6	22 200	66 100*	76,0
80,0	30,2	117,7	40 500	76 500*	39,7	126,1	29 600	68 800*	47,4	131,1	18 700	61 200*	80,0
84,0	23,1	109,4	35 900	71 100*	34,4	120,7	25 800	64 000*	42,9	127,0	15 600	56 700*	84,0
88,0	12,2	96,2	31 300	65 900*	28,3	113,9	22 200	59 400*	38,0	122,2	12 600	52 600*	88,0
92,0					20,4	104,7	18 700	55 200*	32,4	116,4	9 900	48 800*	92,0
96,0					5,5	86,1	14 900	50 800*	25,8	108,9	7 200	45 200*	96,0
100,0									16,9	98,3	4 600	41 800*	100,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

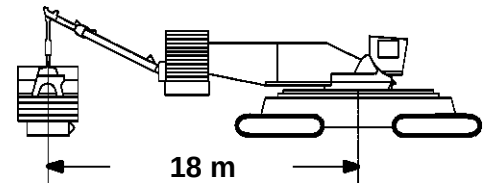
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	68,9	155,3	107 300	150 700*									45,7
46,0	68,7	155,2	106 300	150 400*									46,0
48,0	67,2	154,4	99 500	146 800*									48,0
50,0	65,6	153,4	93 300	139 200*									50,0
52,0	64,0	152,5	87 600	132 700*									52,0
54,0	62,3	151,4	82 400	126 700*									54,0
56,0	60,7	150,3	77 600	121 100*									56,0
58,0	59,0	149,1	73 100	115 800*	64,6	151,3	56 700	104 700*					58,0
60,0	57,3	147,8	68 900	111 000*	63,0	150,3	53 100	100 100*					60,0
62,0	55,5	146,5	65 000	106 400*	61,3	149,2	49 800	95 900*					62,0
64,0	53,7	145,0	61 300	102 100*	59,7	148,0	46 700	92 000*					64,0
66,0	51,9	143,4	57 900	98 000*	57,9	146,8	43 700	88 200*					66,0
68,0	50,0	141,8	54 700	94 200*	56,2	145,4	41 000	84 700*					68,0
70,0	48,1	140,0	51 600	90 500*	54,4	144,0	38 400	81 300*					70,0
72,0	46,1	138,1	48 800	87 100*	52,6	142,5	35 900	78 200*	58,5	145,0	23 300	69 400*	72,0
74,0	44,0	136,0	46 100	83 900*	50,8	140,9	33 600	75 200*	56,8	143,7	21 400	66 600*	74,0
76,0	41,9	133,8	43 500	80 800*	48,8	139,1	31 400	72 300*	55,0	142,3	19 500	64 000*	76,0
80,0	37,2	128,9	38 700	75 000*	44,8	135,3	27 300	67 000*	51,3	139,2	16 100	59 100*	80,0
84,0	32,1	122,9	34 300	69 700*	40,5	130,9	23 600	62 200*	47,5	135,7	13 000	54 700*	84,0
88,0	25,9	115,5	30 200	64 900*	35,7	125,6	20 200	57 800*	43,4	131,7	10 100	50 700*	88,0
92,0	17,9	105,2	26 200	60 300*	30,3	119,3	17 000	53 700*	38,9	127,0	7 500	47 000*	92,0
96,0					23,8	111,2	13 900	49 800*	34,0	121,4	5 000	43 500*	96,0
100,0					14,7	99,2	10 900	46 100*	28,2	114,6	2 700	40 300*	100,0
104,0									21,1	105,6		37 200*	104,0
108,0									9,7	90,3		34 000*	108,0

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

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

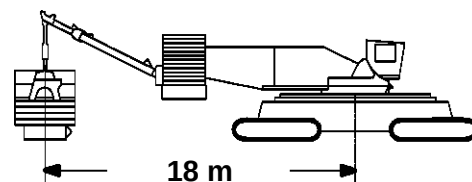
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	69,4	161,3	100 100	132 600*									47,2
48,0	68,9	161,0	97 700	132 600*									48,0
50,0	67,4	160,1	91 400	132 600*									50,0
52,0	66,0	159,2	85 800	131 400*									52,0
54,0	64,5	158,3	80 600	125 200*									54,0
56,0	63,0	157,3	75 700	119 600*									56,0
58,0	61,4	156,2	71 200	114 400*									58,0
60,0	59,9	155,0	67 100	109 500*									60,0
62,0	58,3	153,8	63 200	104 900*	63,6	156,1	47 700	94 200*					62,0
64,0	56,7	152,5	59 600	100 600*	62,0	155,1	44 600	90 300*					64,0
66,0	55,1	151,1	56 100	96 500*	60,5	153,9	41 700	86 600*					66,0
68,0	53,4	149,6	52 900	92 700*	58,9	152,7	39 000	83 000*					68,0
70,0	51,7	148,1	49 900	89 100*	57,3	151,4	36 400	79 700*					70,0
72,0	49,9	146,4	47 100	85 700*	55,7	150,1	34 000	76 600*					72,0
74,0	48,1	144,6	44 400	82 500*	54,1	148,6	31 700	73 600*					74,0
76,0	46,3	142,7	41 800	79 400*	52,4	147,1	29 500	70 800*	57,8	149,7	17 400	62 300*	76,0
80,0	42,4	138,5	37 100	73 700*	48,9	143,8	25 500	65 500*	54,6	146,9	14 000	57 500*	80,0
84,0	38,2	133,7	32 800	68 500*	45,1	139,9	21 800	60 800*	51,2	143,9	10 900	53 200*	84,0
88,0	33,5	128,0	28 800	63 700*	41,2	135,6	18 400	56 400*	47,6	140,3	8 200	49 100*	88,0
92,0	28,2	121,1	25 100	59 300*	36,8	130,5	15 400	52 400*	43,8	136,3	5 600	45 500*	92,0
96,0	21,6	112,2	21 600	55 200*	32,0	124,5	12 500	48 600*	39,7	131,8	3 200	42 100*	96,0
100,0	11,9	98,4	18 100	51 100*	26,4	117,1	9 700	45 100*	35,2	126,4	1 000	38 900*	100,0
104,0					19,2	107,3	7 100	41 800*	30,2	120,0		35 900*	104,0
108,0					6,5	88,7	4 000	38 300*	24,1	112,0		33 100*	108,0
112,0									16,1	100,6		30 400*	112,0

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

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

Liftcrane Luffing Jib Capacities

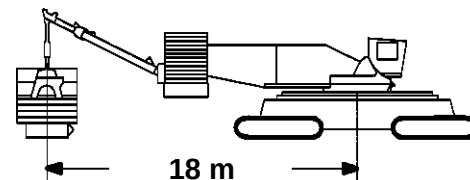
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle			
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms
48,8	69,8	167,2	92 800	116 500*				
50,0	69,0	166,7	89 100	116 500*				
52,0	67,7	165,9	83 400	116 500*				
54,0	66,3	165,0	78 200	116 500*				
56,0	64,9	164,1	73 400	116 500*				
58,0	63,5	163,1	68 900	112 400*				
60,0	62,1	162,0	64 800	107 500*				
62,0	60,6	160,9	60 900	103 000*				
64,0	59,2	159,7	57 300	98 700*	64,1	161,9	42 000	88 200*
66,0	57,7	158,5	53 900	94 700*	62,6	160,9	39 100	84 500*
68,0	56,2	157,1	50 700	90 900*	61,2	159,8	36 400	81 000*
70,0	54,7	155,7	47 700	87 300*	59,8	158,6	33 800	77 700*
72,0	53,1	154,2	44 800	83 900*	58,3	157,4	31 400	74 500*
74,0	51,5	152,6	42 200	80 700*	56,8	156,1	29 200	71 600*
76,0	49,9	151,0	39 700	77 600*	55,3	154,7	27 000	68 800*
80,0	46,5	147,3	35 000	72 000*	52,1	151,7	23 000	63 600*
84,0	42,9	143,2	30 700	65 400*	48,9	148,4	19 400	58 900*
88,0	39,0	138,5	26 800	58 500*	45,4	144,6	16 100	54 600*
92,0	34,8	133,0	23 200	52 200*	41,7	140,2	13 100	50 600*
96,0	30,0	126,5	19 900	46 300*	37,8	135,3	10 300	46 900*
100,0	24,4	118,5	16 700	41 000*	33,4	129,6	7 700	43 500*
104,0	17,1	107,6	13 700	36 200*	28,4	122,8	5 200	40 300*
108,0					22,4	114,1	2 800	37 300*
112,0					14,1	101,5		34 300*

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

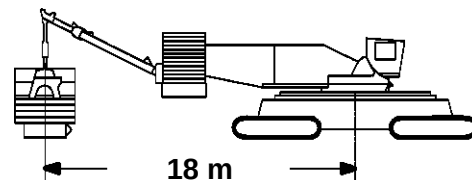
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0				c									32,0
34,0				c									34,0
36,0	61,0	119,2	161 900	214 600*b									36,0
38,0	57,2	117,9	150 500	202 200*b									38,0
40,0	53,4	116,5	140 500	191 000*b									40,0
42,0	49,2	114,8	131 400	180 800*				c					42,0
44,0	44,9	112,8	123 100	171 500*	59,7	117,1	103 200	158 000*b					44,0
46,0	40,1	110,5	115 500	162 900*	55,9	115,8	96 800	150 200*b					46,0
48,0	34,7	107,7	108 400	155 000*	52,0	114,2	90 900	142 900*b					48,0
50,0	28,4	104,2	101 800	147 600*	47,8	112,4	85 400	136 200*					50,0
52,0	20,3	99,5	95 500	140 500*	43,2	110,3	80 300	130 000*	58,1	114,2	64 200	118 800*b	52,0
54,0					38,3	107,9	75 600	124 100*	54,2	112,8	60 200	113 500*b	54,0
56,0					32,7	104,9	71 100	118 600*	50,2	111,2	56 600	108 600*b	56,0
58,0					25,9	101,1	66 700	113 400*	45,8	109,3	53 100	103 900*	58,0
60,0					16,6	95,5	62 300	108 200*	41,2	107,0	49 800	99 500*	60,0
62,0									35,9	104,4	46 700	95 400*	62,0
64,0									29,9	101,1	43 700	91 400*	64,0
66,0									22,4	96,7	40 600	87 500*	66,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

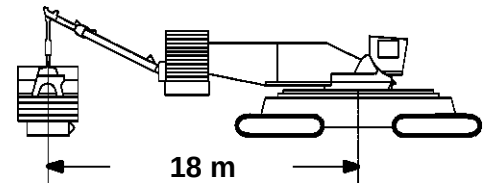
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5				c									33,5
34,0				c									34,0
36,0	65,5	126,1	159 900	212 700*b									36,0
38,0	62,4	125,1	148 700	200 300*b									38,0
40,0	59,3	123,9	138 700	189 300*b									40,0
42,0	56,1	122,6	129 700	179 200*									42,0
44,0	52,7	121,1	121 600	170 000*									44,0
46,0	49,2	119,4	114 200	161 600*	61,4	123,0	94 400	148 100*b					46,0
48,0	45,5	117,4	107 400	153 800*	58,2	121,8	88 600	141 000*b					48,0
50,0	41,5	115,2	101 100	146 600*	54,9	120,4	83 300	134 400*					50,0
52,0	37,1	112,7	95 300	139 900*	51,5	118,8	78 400	128 300*					52,0
54,0	32,2	109,6	89 800	133 600*	47,9	117,0	73 800	122 600*					54,0
56,0	26,5	105,8	84 600	127 700*	44,1	115,0	69 600	117 300*	56,8	118,9	54 100	106 500*b	56,0
58,0	19,1	100,8	79 600	122 000*	40,0	112,7	65 500	112 200*	53,5	117,4	50 700	102 000*	58,0
60,0					35,5	110,0	61 800	107 500*	50,0	115,8	47 600	97 700*	60,0
62,0					30,3	106,7	58 100	103 100*	46,3	113,9	44 700	93 700*	62,0
64,0					24,2	102,6	54 600	98 800*	42,4	111,7	41 900	89 900*	64,0
66,0					15,8	96,7	50 900	94 500*	38,1	109,2	39 300	86 300*	66,0
68,0									33,3	106,3	36 700	82 800*	68,0
70,0									27,8	102,8	34 200	79 500*	70,0
72,0									21,0	98,1	31 700	76 200*	72,0

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

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

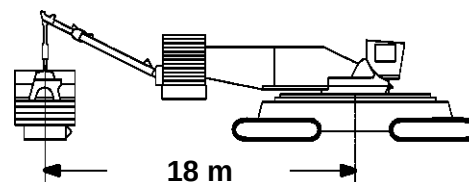
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	69,9	133,2	164 600	217 400* b									35,1
36,0	68,7	132,8	159 000	211 300* b									36,0
38,0	66,2	131,9	147 700	199 000* b									38,0
40,0	63,5	130,9	137 800	187 900* b									40,0
42,0	60,8	129,8	128 800	177 900*									42,0
44,0	58,1	128,6	120 700	168 800*									44,0
46,0	55,2	127,2	113 300	160 400*									46,0
48,0	52,3	125,7	106 600	152 700*	62,6	128,9	87 100	139 500* b					48,0
50,0	49,2	124,0	100 400	145 600*	59,9	127,7	81 900	133 000*					50,0
52,0	45,9	122,1	94 700	139 100*	57,1	126,4	77 000	126 900*					52,0
54,0	42,5	119,9	89 400	132 900*	54,2	125,0	72 500	121 300*					54,0
56,0	38,8	117,5	84 400	127 200*	51,2	123,4	68 300	116 000*					56,0
58,0	34,8	114,7	79 800	121 800*	48,1	121,6	64 400	111 100*	58,7	124,9	49 000	100 400*	58,0
60,0	30,2	111,4	75 400	116 700*	44,8	119,7	60 800	106 500*	55,9	123,5	45 900	96 200*	60,0
62,0	24,9	107,4	71 200	111 900*	41,2	117,4	57 300	102 200*	52,9	122,0	43 100	92 300*	62,0
64,0	18,2	102,0	67 100	107 200*	37,4	114,9	54 100	98 100*	49,9	120,4	40 400	88 600*	64,0
66,0					33,3	111,9	50 900	94 200*	46,7	118,5	37 900	85 100*	66,0
68,0					28,5	108,4	48 000	90 500*	43,3	116,4	35 500	81 700*	68,0
70,0					22,8	104,0	45 000	86 900*	39,6	114,1	33 200	78 500*	70,0
72,0					15,1	97,8	42 000	83 300*	35,7	111,3	31 000	75 500*	72,0
74,0									31,3	108,2	28 800	72 600*	74,0
76,0									26,2	104,3	26 700	69 800*	76,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

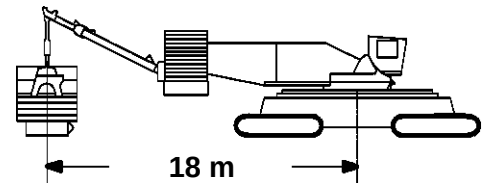
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	68,8	138,5	144 900	196 300* ^b									38,1
40,0	66,7	137,7	135 500	185 900* ^b									40,0
42,0	64,4	136,8	126 600	175 900*									42,0
44,0	62,0	135,7	118 500	166 900*									44,0
46,0	59,6	134,5	111 200	158 600*									46,0
48,0	57,1	133,2	104 500	151 000*									48,0
50,0	54,6	131,8	98 400	143 900*	63,6	134,7	79 200	130 800*					50,0
52,0	51,9	130,3	92 800	137 400*	61,2	133,6	74 400	124 800*					52,0
54,0	49,2	128,6	87 600	131 300*	58,7	132,4	70 000	119 200*					54,0
56,0	46,3	126,7	82 700	125 600*	56,2	131,1	65 900	114 000*					56,0
58,0	43,3	124,6	78 200	120 300*	53,6	129,6	62 100	109 200*					58,0
60,0	40,1	122,2	73 900	115 400*	51,0	128,0	58 500	104 700*					60,0
62,0	36,6	119,6	70 000	110 700*	48,2	126,2	55 200	100 400*	57,7	129,5	40 300	90 100*	62,0
64,0	32,8	116,6	66 200	106 200*	45,3	124,3	52 000	96 400*	55,1	128,1	37 700	86 400*	64,0
66,0	28,6	113,1	62 600	102 000*	42,2	122,1	49 000	92 600*	52,5	126,6	35 300	82 900*	66,0
68,0	23,7	108,8	59 100	98 000*	38,9	119,7	46 200	88 900*	49,8	124,9	33 000	79 700*	68,0
70,0	17,4	103,2	55 700	94 100*	35,3	116,9	43 500	85 500*	46,9	123,1	30 800	76 600*	70,0
72,0					31,4	113,8	40 900	82 300*	43,9	121,1	28 700	73 700*	72,0
74,0					27,0	110,1	38 400	79 100*	40,8	118,8	26 700	70 900*	74,0
76,0					21,7	105,4	35 900	76 100*	37,4	116,2	24 800	68 200*	76,0
80,0									29,6	109,9	21 100	63 100*	80,0
84,0									19,0	100,6	17 500	58 300*	84,0

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

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

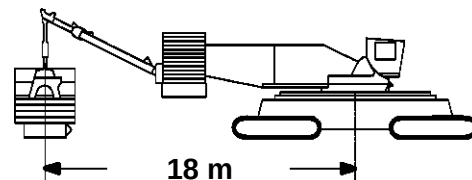
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	69,5	144,5	135 500	186 300*(b)									39,6
40,0	69,1	144,3	133 800	184 400*(b)									40,0
42,0	67,1	143,5	124 900	174 400*									42,0
44,0	65,0	142,6	116 900	165 400*									44,0
46,0	62,9	141,5	109 600	157 100*									46,0
48,0	60,8	140,4	102 900	149 500*									48,0
50,0	58,6	139,2	96 900	142 500*									50,0
52,0	56,3	137,9	91 300	136 000*	64,3	140,5	72 400	123 100*					52,0
54,0	54,0	136,4	86 100	130 000*	62,2	139,5	68 000	117 600*					54,0
56,0	51,6	134,9	81 300	124 400*	60,0	138,3	64 000	112 500*					56,0
58,0	49,1	133,2	76 800	119 100*	57,8	137,1	60 200	107 700*					58,0
60,0	46,6	131,3	72 600	114 200*	55,5	135,7	56 700	103 100*					60,0
62,0	43,9	129,2	68 800	109 600*	53,2	134,2	53 400	98 900*					62,0
64,0	41,0	127,0	65 100	105 200*	50,8	132,6	50 300	94 900*	59,0	135,5	35 600	84 700*	64,0
66,0	38,0	124,5	61 600	101 100*	48,3	130,9	47 400	91 200*	56,8	134,2	33 200	81 400*	66,0
68,0	34,8	121,7	58 300	97 300*	45,7	128,9	44 700	87 700*	54,5	132,8	31 000	78 100*	68,0
70,0	31,2	118,5	55 200	93 500*	42,9	126,8	42 000	84 300*	52,2	131,2	28 900	75 100*	70,0
72,0	27,3	114,8	52 200	90 000*	40,0	124,5	39 600	81 100*	49,7	129,6	26 800	72 200*	72,0
74,0	22,7	110,3	49 300	86 600*	36,9	121,8	37 200	78 100*	47,1	127,7	24 900	69 400*	74,0
76,0	16,8	104,4	46 400	83 300*	33,6	118,9	35 000	75 200*	44,5	125,7	23 100	66 800*	76,0
80,0					25,8	111,6	30 600	69 700*	38,7	121,1	19 600	61 900*	80,0
84,0					14,2	100,0	26 300	64 500*	32,1	115,2	16 400	57 400*	84,0
88,0									23,7	107,3	13 300	53 200*	88,0

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

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

Liftcrane Luffing Jib Capacities

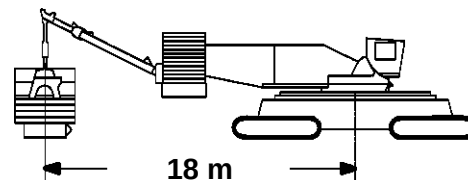
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	68,7	149,8	120 300	169 200*									42,7
44,0	67,5	149,3	115 000	163 300*									44,0
46,0	65,6	148,4	107 700	155 100*									46,0
48,0	63,7	147,4	101 100	147 500*									48,0
50,0	61,7	146,3	95 000	140 500*									50,0
52,0	59,8	145,1	89 400	134 100*									52,0
54,0	57,7	143,9	84 200	128 100*									54,0
56,0	55,7	142,5	79 400	122 500*	63,0	145,3	61 500	110 300*					56,0
58,0	53,6	141,1	75 000	117 300*	61,1	144,2	57 800	105 500*					58,0
60,0	51,4	139,5	70 800	112 400*	59,1	143,0	54 300	101 100*					60,0
62,0	49,1	137,8	67 000	107 800*	57,0	141,7	51 000	96 900*					62,0
64,0	46,8	135,9	63 300	103 500*	55,0	140,4	48 000	92 900*					64,0
66,0	44,4	133,9	59 900	99 500*	52,8	138,8	45 100	89 200*					66,0
68,0	41,8	131,7	56 700	95 600*	50,6	137,2	42 400	85 700*	58,2	140,2	28 200	75 900*	68,0
70,0	39,1	129,3	53 600	92 000*	48,3	135,4	39 800	82 400*	56,1	138,8	26 100	72 900*	70,0
72,0	36,3	126,6	50 700	88 600*	46,0	133,5	37 400	79 300*	54,0	137,4	24 200	70 000*	72,0
74,0	33,2	123,6	48 000	85 300*	43,5	131,5	35 100	76 300*	51,9	135,8	22 300	67 300*	74,0
76,0	29,9	120,2	45 300	82 100*	40,9	129,2	32 900	73 400*	49,6	134,1	20 500	64 700*	76,0
80,0	21,8	111,7	40 200	76 200*	35,3	123,9	28 800	68 100*	44,9	130,3	17 200	59 900*	80,0
84,0					28,6	117,3	25 000	63 200*	39,7	125,8	14 100	55 600*	84,0
88,0					20,1	108,1	21 300	58 700*	33,9	120,3	11 200	51 500*	88,0
92,0									27,0	113,3	8 500	47 700*	92,0
96,0									17,7	103,1	5 800	44 100*	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).

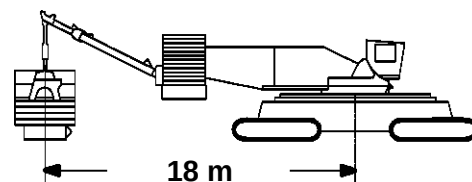
Liftcrane Luffing Jib Capacities

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
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

**21000
MAX-ER**



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	69,3	155,8	112 200	157 700*									44,2
46,0	67,7	155,0	105 700	153 500*									46,0
48,0	66,0	154,1	99 000	145 800*									48,0
50,0	64,3	153,2	92 900	138 800*									50,0
52,0	62,5	152,1	87 300	132 400*									52,0
54,0	60,7	151,0	82 200	126 400*									54,0
56,0	58,9	149,8	77 400	120 900*									56,0
58,0	57,0	148,6	73 000	115 700*	63,7	151,2	55 500	103 700*					58,0
60,0	55,1	147,2	68 900	110 800*	61,9	150,1	52 000	99 200*					60,0
62,0	53,2	145,7	65 000	106 200*	60,1	148,9	48 800	95 100*					62,0
64,0	51,2	144,1	61 400	102 000*	58,3	147,7	45 800	91 100*					64,0
66,0	49,1	142,4	58 100	98 000*	56,4	146,4	42 900	87 500*					66,0
68,0	47,0	140,5	54 900	94 100*	54,5	145,0	40 300	84 000*					68,0
70,0	44,8	138,5	51 900	90 500*	52,5	143,4	37 700	80 700*					70,0
72,0	42,5	136,4	49 000	87 100*	50,5	141,8	35 300	77 600*	57,5	144,8	21 800	68 200*	72,0
74,0	40,1	134,0	46 300	83 900*	48,4	140,1	33 100	74 700*	55,6	143,5	19 900	65 500*	74,0
76,0	37,5	131,4	43 700	80 800*	46,2	138,2	30 900	71 800*	53,6	142,0	18 200	62 900*	76,0
80,0	31,9	125,5	38 900	75 100*	41,6	133,9	26 900	66 600*	49,6	138,8	14 900	58 200*	80,0
84,0	25,2	117,9	34 500	69 800*	36,6	128,8	23 200	61 800*	45,3	135,0	12 000	53 900*	84,0
88,0	15,9	106,7	30 100	64 700*	30,8	122,7	19 800	57 400*	40,6	130,6	9 200	49 900*	88,0
92,0					23,8	114,6	16 600	53 300*	35,4	125,3	6 600	46 300*	92,0
96,0					13,6	102,2	13 300	49 300*	29,4	118,8	4 200	42 800*	96,0
100,0									22,0	110,2	1 800	39 600*	100,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

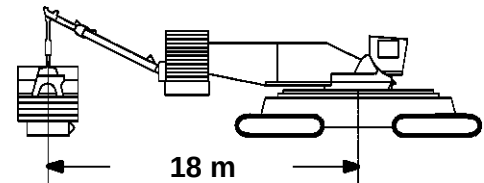
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	69,8	161,7	104 200	139 100*									45,7
46,0	69,5	161,6	103 200	139 100*									46,0
48,0	68,0	160,8	96 600	139 100*									48,0
50,0	66,4	159,9	90 500	136 400*									50,0
52,0	64,8	159,0	85 000	130 400*									52,0
54,0	63,2	158,0	79 800	124 500*									54,0
56,0	61,5	156,9	75 100	118 900*									56,0
58,0	59,9	155,8	70 700	113 800*									58,0
60,0	58,2	154,5	66 600	108 900*	64,3	157,0	49 300	97 100*					60,0
62,0	56,4	153,2	62 800	104 400*	62,6	155,9	46 100	92 900*					62,0
64,0	54,7	151,8	59 200	100 100*	61,0	154,8	43 100	89 100*					64,0
66,0	52,9	150,3	55 800	96 100*	59,3	153,6	40 300	85 400*					66,0
68,0	51,0	148,7	52 700	92 400*	57,6	152,4	37 600	81 900*					68,0
70,0	49,1	147,0	49 700	88 800*	55,8	151,0	35 100	78 700*					70,0
72,0	47,1	145,1	46 900	85 400*	54,1	149,6	32 800	75 600*					72,0
74,0	45,1	143,1	44 200	82 200*	52,2	148,1	30 600	72 700*	58,6	150,8	17 100	63 300*	74,0
76,0	43,0	141,0	41 700	79 200*	50,4	146,4	28 500	69 900*	56,8	149,5	15 400	60 800*	76,0
80,0	38,5	136,3	37 000	73 500*	46,4	142,8	24 500	64 700*	53,3	146,6	12 200	56 100*	80,0
84,0	33,5	130,6	32 700	68 300*	42,3	138,6	21 000	60 000*	49,5	143,4	9 300	51 800*	84,0
88,0	27,7	123,6	28 700	63 500*	37,7	133,7	17 700	55 700*	45,6	139,6	6 600	47 900*	88,0
92,0	20,4	114,3	24 900	59 000*	32,6	127,8	14 600	51 700*	41,3	135,3	4 200	44 300*	92,0
96,0	7,8	97,5	20 900	54 600*	26,6	120,6	11 800	48 000*	36,6	130,2	1 900	41 000*	96,0
100,0					18,8	110,6	8 900	44 400*	31,4	124,1		37 900*	100,0
104,0									25,1	116,4		34 900*	104,0
108,0									16,7	105,5		32 100*	108,0

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

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

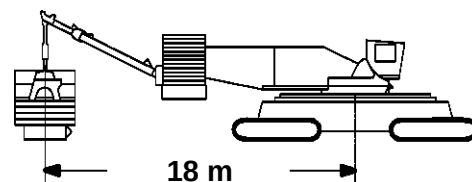
Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	69,1	167,1	92 300	124 000*									48,8
50,0	68,2	166,6	88 600	124 000*									50,0
52,0	66,7	165,7	83 100	124 000*									52,0
54,0	65,3	164,8	77 900	122 500*									54,0
56,0	63,8	163,8	73 200	117 400*									56,0
58,0	62,2	162,8	68 800	112 200*									58,0
60,0	60,7	161,6	64 700	107 400*									60,0
62,0	59,1	160,5	60 900	102 900*									62,0
64,0	57,6	159,2	57 300	98 600*	63,2	161,8	41 000	87 300*					64,0
66,0	55,9	157,9	54 000	94 700*	61,7	160,7	38 200	83 700*					66,0
68,0	54,3	156,4	50 900	90 900*	60,2	159,6	35 600	80 300*					68,0
70,0	52,6	154,9	48 000	87 400*	58,6	158,4	33 100	77 000*					70,0
72,0	50,9	153,3	45 200	84 000*	57,0	157,1	30 800	74 000*					72,0
74,0	49,1	151,6	42 500	80 800*	55,4	155,7	28 600	71 100*					74,0
76,0	47,3	149,7	40 000	77 800*	53,7	154,2	26 500	68 300*					76,0
80,0	43,5	145,7	35 400	72 100*	50,3	151,0	22 600	63 200*	56,3	154,1	10 000	54 400*	80,0
84,0	39,3	141,0	31 200	67 000*	46,6	147,4	19 100	58 500*	53,0	151,2	7 200	50 200*	84,0
88,0	34,8	135,6	27 300	62 300*	42,8	143,2	15 900	54 300*	49,5	147,9	4 600	46 300*	88,0
92,0	29,7	129,1	23 700	58 000*	38,6	138,5	12 900	50 400*	45,8	144,2	2 200	42 800*	92,0
96,0	23,5	120,9	20 300	53 900*	34,0	132,9	10 200	46 700*	41,9	139,9		39 500*	96,0
100,0	15,1	109,0	16 900	50 000*	28,7	126,1	7 600	43 300*	37,6	135,0		36 400*	100,0
104,0					22,3	117,5	5 000	40 100*	32,9	129,2		33 600*	104,0
108,0					13,1	104,4	2 500	36 900*	27,4	122,2		30 900*	108,0
112,0									20,7	112,9		28 300*	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).

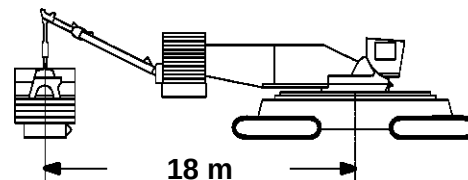
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle			
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms
50,3	69,5	173,0	85 300	109 300*				
52,0	68,4	172,4	80 600	109 300*				
54,0	67,0	171,5	75 500	109 300*				
56,0	65,6	170,6	70 800	109 300*				
58,0	64,2	169,6	66 400	109 100*				
60,0	62,8	168,6	62 300	105 500*				
62,0	61,4	167,5	58 600	100 900*				
64,0	60,0	166,4	55 000	96 700*				
66,0	58,5	165,1	51 700	92 800*	63,8	167,6	35 500	81 600*
68,0	57,0	163,9	48 600	89 000*	62,3	166,6	32 900	78 200*
70,0	55,5	162,5	45 600	85 500*	60,9	165,4	30 500	75 000*
72,0	53,9	161,0	42 900	82 100*	59,5	164,3	28 200	71 900*
74,0	52,4	159,5	40 300	79 000*	58,0	163,0	26 000	69 000*
76,0	50,7	157,9	37 800	75 900*	56,5	161,7	23 900	66 300*
80,0	47,4	154,3	33 200	70 400*	53,4	158,8	20 100	61 200*
84,0	43,8	150,3	29 000	65 300*	50,2	155,6	16 600	56 600*
88,0	40,1	145,8	25 200	60 200*	46,8	152,0	13 500	52 400*
92,0	35,9	140,5	21 700	53 800*	43,2	147,9	10 600	48 500*
96,0	31,3	134,4	18 500	47 800*	39,4	143,2	7 900	44 900*
100,0	26,0	126,9	15 400	42 400*	35,2	137,9	5 400	41 600*
104,0	19,3	116,9	12 500	37 500*	30,5	131,5	3 100	38 500*
108,0	8,2	99,8	9 300	33 600*	24,9	123,7	800	35 600*
112,0					17,9	113,1		32 700*

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

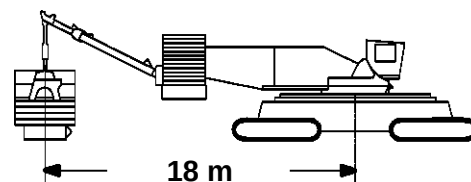
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0				c									32,0
34,0				c									34,0
36,0				c									36,0
38,0	59,2	124,6	147 300	198 800*b									38,0
40,0	55,4	123,3	137 400	187 800*b									40,0
42,0	51,5	121,7	128 500	177 800*b									42,0
44,0	47,2	119,9	120 300	168 600*				c					44,0
46,0	42,7	117,8	112 900	160 200*	58,9	122,7	92 000	146 000*b					46,0
48,0	37,6	115,2	106 000	152 400*	55,1	121,3	86 300	139 000*b					48,0
50,0	31,9	112,2	99 600	145 200*	51,1	119,8	81 000	132 400*b					50,0
52,0	25,0	108,2	93 500	138 400*	46,8	117,9	76 200	126 400*b					52,0
54,0	15,0	102,2	87 300	131 600*	42,2	115,8	71 600	120 700*	58,2	120,0	54 400	108 900*b	54,0
56,0					37,2	113,2	67 300	115 400*	54,4	118,6	51 000	104 100*b	56,0
58,0					31,4	110,1	63 200	110 300*	50,3	117,0	47 800	99 600*b	58,0
60,0					24,3	106,0	59 200	105 500*	46,0	115,1	44 700	95 400*b	60,0
62,0					13,8	99,7	55 000	100 700*	41,4	112,9	41 900	91 400*	62,0
64,0									36,2	110,2	39 100	87 600*	64,0
66,0									30,2	107,0	36 400	84 000*	66,0
68,0									22,8	102,7	33 700	80 400*	68,0
70,0									10,8	95,3	30 600	76 700*	70,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

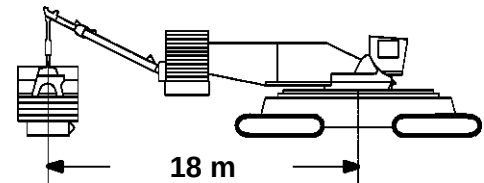
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1				c									35,1
36,0				c									36,0
38,0	64,0	131,6	145 300	196 900*b									38,0
40,0	61,0	130,5	135 500	186 000*b									40,0
42,0	57,8	129,3	126 700	176 100*b									42,0
44,0	54,5	127,9	118 700	167 100*									44,0
46,0	51,1	126,3	111 400	158 800*	63,8	129,8	89 400	143 900*b					46,0
48,0	47,5	124,5	104 700	151 100*	60,7	128,6	83 900	136 900*b					48,0
50,0	43,6	122,4	98 600	144 100*	57,5	127,4	78 700	130 500*b					50,0
52,0	39,5	120,1	92 800	137 500*	54,2	126,0	74 000	124 500*b					52,0
54,0	34,9	117,3	87 500	131 300*	50,8	124,3	69 600	119 000*					54,0
56,0	29,6	113,9	82 500	125 500*	47,2	122,5	65 500	113 800*					56,0
58,0	23,3	109,7	77 600	120 000*	43,3	120,4	61 700	108 900*	57,0	124,7	45 100	97 500*b	58,0
60,0	14,4	103,3	72 700	114 600*	39,1	118,0	58 100	104 400*	53,6	123,2	42 300	93 400*b	60,0
62,0					34,5	115,2	54 600	100 000*	50,2	121,6	39 600	89 500*	62,0
64,0					29,2	111,8	51 300	95 900*	46,5	119,7	37 000	85 900*	64,0
66,0					22,7	107,4	48 100	91 900*	42,6	117,6	34 500	82 400*	66,0
68,0					13,3	100,8	44 600	87 900*	38,3	115,1	32 200	79 100*	68,0
70,0									33,6	112,2	29 900	76 000*	70,0
72,0									28,1	108,7	27 700	72 900*	72,0
74,0									21,3	104,0	25 400	69 900*	74,0
76,0									10,7	96,4	22 800	66 800*	76,0

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

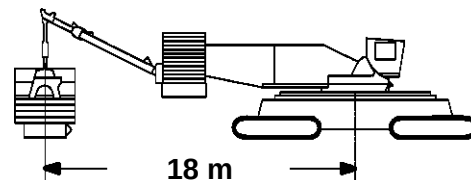
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	69,3	139,0	151 400	203 900* b									36,6
38,0	67,5	138,4	143 800	195 500* b									38,0
40,0	64,9	137,5	134 000	184 600* b									40,0
42,0	62,3	136,4	125 300	174 800* b									42,0
44,0	59,6	135,2	117 400	165 800*									44,0
46,0	56,8	133,9	110 200	157 600*									46,0
48,0	53,9	132,5	103 600	150 000*									48,0
50,0	50,8	130,9	97 500	143 000*	62,0	134,5	77 000	129 000* b					50,0
52,0	47,7	129,1	91 900	136 500*	59,3	133,3	72 300	123 100* b					52,0
54,0	44,3	127,1	86 800	130 500*	56,5	132,0	68 000	117 600*					54,0
56,0	40,8	124,8	81 900	124 900*	53,6	130,6	64 000	112 500*					56,0
58,0	36,9	122,2	77 400	119 600*	50,6	128,9	60 300	107 700*					58,0
60,0	32,7	119,2	73 200	114 600*	47,4	127,1	56 800	103 200*	58,8	130,6	40 300	91 800* b	60,0
62,0	27,9	115,6	69 100	109 900*	44,0	125,1	53 500	99 000*	56,0	129,3	37 700	88 000*	62,0
64,0	22,0	111,1	65 100	105 300*	40,5	122,8	50 400	95 000*	53,1	127,8	35 200	84 500*	64,0
66,0	13,9	104,4	61 100	100 900*	36,6	120,2	47 500	91 300*	50,0	126,2	32 900	81 100*	66,0
68,0					32,3	117,1	44 600	87 700*	46,8	124,3	30 700	77 900*	68,0
70,0					27,4	113,5	41 900	84 200*	43,4	122,2	28 500	74 900*	70,0
72,0					21,5	108,8	39 200	80 900*	39,8	119,9	26 500	72 000*	72,0
74,0					12,9	101,8	36 300	77 500*	35,9	117,2	24 600	69 200*	74,0
76,0									31,5	114,1	22 600	66 500*	76,0
80,0									20,2	105,3	18 800	61 400*	80,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

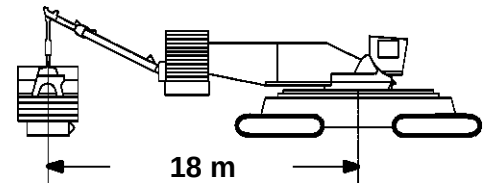
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	70,0	144,9	140 900	192 700* ^b									38,1
40,0	67,9	144,2	131 700	182 500* ^b									40,0
42,0	65,6	143,3	123 000	172 700* ^b									42,0
44,0	63,3	142,3	115 100	163 800*									44,0
46,0	60,9	141,2	107 900	155 700*									46,0
48,0	58,4	139,9	101 400	148 100*									48,0
50,0	55,9	138,6	95 400	141 200*									50,0
52,0	53,3	137,1	90 000	134 800*	63,1	140,4	69 600	120 900*					52,0
54,0	50,6	135,5	84 800	128 800*	60,7	139,3	65 400	115 500*					54,0
56,0	47,8	133,7	80 100	123 200*	58,2	138,0	61 500	110 400*					56,0
58,0	44,9	131,7	75 700	118 000*	55,7	136,7	57 800	105 700*					58,0
60,0	41,8	129,5	71 600	113 100*	53,1	135,2	54 400	101 200*					60,0
62,0	38,5	127,1	67 700	108 600*	50,4	133,5	51 200	97 100*					62,0
64,0	34,9	124,3	64 000	104 200*	47,6	131,7	48 200	93 200*	57,8	135,3	32 300	82 200*	64,0
66,0	30,9	121,0	60 500	100 100*	44,6	129,7	45 300	89 500*	55,2	133,9	30 100	78 900*	66,0
68,0	26,4	117,2	57 200	96 200*	41,5	127,5	42 700	86 000*	52,6	132,4	28 000	75 700*	68,0
70,0	21,0	112,4	53 900	92 400*	38,2	125,0	40 100	82 700*	49,9	130,8	25 900	72 800*	70,0
72,0	13,5	105,5	50 500	88 600*	34,6	122,2	37 700	79 500*	47,1	128,9	24 000	70 000*	72,0
74,0					30,6	118,9	35 300	76 500*	44,1	126,9	22 200	67 300*	74,0
76,0					26,0	115,1	33 000	73 600*	40,9	124,6	20 400	64 700*	76,0
80,0					12,6	102,9	28 200	67 800*	33,9	119,2	17 100	59 900*	80,0
84,0									25,1	111,8	13 800	55 400*	84,0
88,0									10,6	98,5	10 300	50 900*	88,0

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

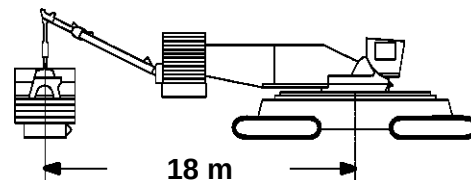
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	69,1	150,3	125 500	175 200*(b)									41,1
42,0	68,2	149,9	121 900	171 200*(b)									42,0
44,0	66,1	149,1	113 900	162 300*									44,0
46,0	64,1	148,1	106 800	154 100*									46,0
48,0	61,9	147,0	100 200	146 600*									48,0
50,0	59,7	145,9	94 200	139 700*									50,0
52,0	57,5	144,6	88 700	133 400*									52,0
54,0	55,2	143,2	83 600	127 400*	63,9	146,2	63 600	113 800*					54,0
56,0	52,9	141,7	78 900	121 900*	61,7	145,1	59 700	108 800*					56,0
58,0	50,5	140,1	74 500	116 800*	59,6	144,0	56 100	104 100*					58,0
60,0	47,9	138,3	70 400	111 900*	57,3	142,7	52 700	99 700*					60,0
62,0	45,3	136,4	66 600	107 400*	55,0	141,3	49 500	95 600*					62,0
64,0	42,6	134,2	63 000	103 100*	52,7	139,8	46 600	91 700*					64,0
66,0	39,6	131,8	59 600	99 100*	50,2	138,1	43 800	88 100*	59,2	141,3	28 100	77 200*	66,0
68,0	36,5	129,2	56 400	95 300*	47,7	136,3	41 100	84 700*	56,9	140,0	26 000	74 100*	68,0
70,0	33,2	126,2	53 300	91 600*	45,1	134,4	38 700	81 400*	54,6	138,6	24 000	71 200*	70,0
72,0	29,4	122,8	50 400	88 200*	42,3	132,2	36 300	78 300*	52,3	137,0	22 100	68 400*	72,0
74,0	25,2	118,8	47 600	84 900*	39,4	129,8	34 000	75 400*	49,8	135,4	20 300	65 800*	74,0
76,0	20,1	113,7	44 800	81 600*	36,2	127,2	31 900	72 500*	47,3	133,5	18 600	63 200*	76,0
80,0					29,1	120,7	27 800	67 200*	41,8	129,3	15 400	58 600*	80,0
84,0					19,6	111,4	23 800	62 300*	35,7	124,2	12 500	54 200*	84,0
88,0									28,4	117,5	9 700	50 200*	88,0
92,0									18,5	107,9	6 800	46 400*	92,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

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

208 060 kg Crane Counterweight

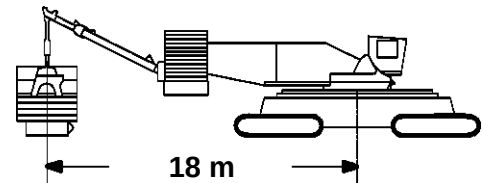
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	69,7	156,2	116 600	161 700*									42,7
44,0	68,4	155,7	111 500	159 600*									44,0
46,0	66,6	154,9	104 300	152 000*									46,0
48,0	64,7	153,9	97 800	144 600*									48,0
50,0	62,8	152,9	91 800	137 700*									50,0
52,0	60,8	151,8	86 300	131 400*									52,0
54,0	58,8	150,6	81 300	125 500*									54,0
56,0	56,8	149,3	76 600	120 000*									56,0
58,0	54,7	147,9	72 300	114 900*	62,6	151,0	53 300	101 900*					58,0
60,0	52,5	146,3	68 200	110 100*	60,6	149,9	50 000	97 600*					60,0
62,0	50,3	144,7	64 500	105 600*	58,6	148,7	46 800	93 500*					62,0
64,0	48,0	142,9	60 900	101 400*	56,6	147,4	44 000	89 600*					64,0
66,0	45,7	141,0	57 600	97 400*	54,5	145,9	41 200	86 000*					66,0
68,0	43,2	138,9	54 400	93 600*	52,4	144,4	38 600	82 600*					68,0
70,0	40,6	136,6	51 400	90 100*	50,1	142,7	36 200	79 400*	58,3	145,9	21 100	68 900*	70,0
72,0	37,8	134,0	48 700	86 700*	47,8	140,9	33 900	76 400*	56,2	144,6	19 300	66 100*	72,0
74,0	34,9	131,2	46 000	83 500*	45,5	139,0	31 700	73 500*	54,1	143,2	17 500	63 600*	74,0
76,0	31,7	128,1	43 400	80 400*	43,0	136,9	29 600	70 700*	52,0	141,6	15 900	61 100*	76,0
80,0	24,2	120,3	38 500	74 600*	37,6	132,0	25 700	65 600*	47,4	138,1	12 800	56 500*	80,0
84,0	12,9	107,7	33 600	69 000*	31,4	126,0	22 100	60 800*	42,5	134,0	10 000	52 300*	84,0
88,0					23,8	118,1	18 700	56 400*	37,1	129,1	7 400	48 400*	88,0
92,0					12,2	105,1	15 100	52 100*	30,8	122,9	4 900	44 800*	92,0
96,0									23,0	114,7	2 500	41 400*	96,0
100,0									10,5	100,7		37 900*	100,0

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

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