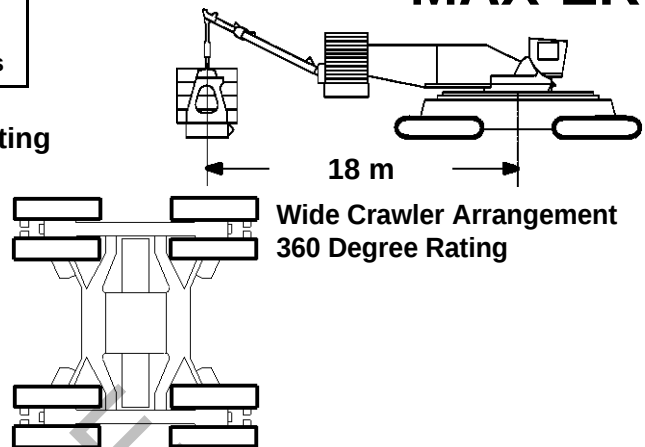
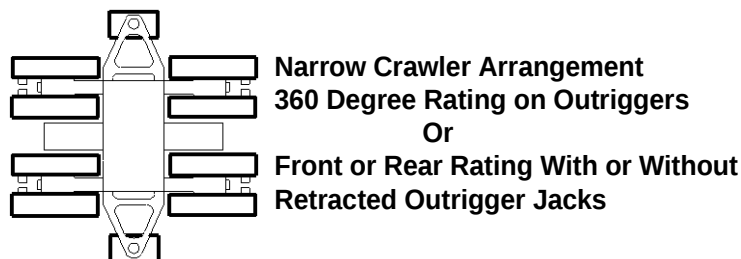


Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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 (14,5 m) is 360 degrees.

MACHINE TRAVEL

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

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

Boom No. 80 With 140 ft Mast No. 81

208 060 kg Crane Counterweight

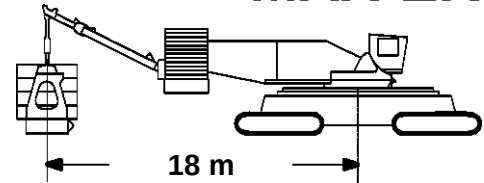
90 720 kg Carbody Counterweight

112 170 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,

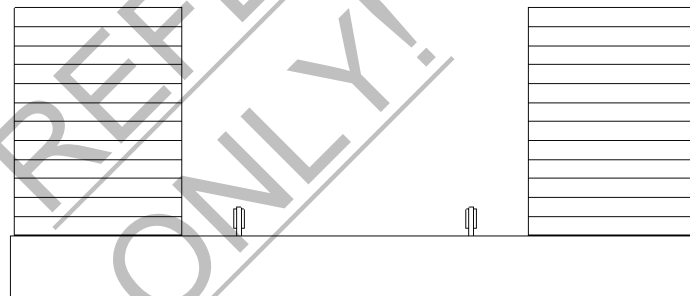
boom support straps, 22 part luffing jib hoist reeving, luffing jib and backstay support straps, 208 060 kg crane counterweight, two 24 270 kg and two 21 090 kg carbody counterweights and 112 170 kg hanging counterweight.

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

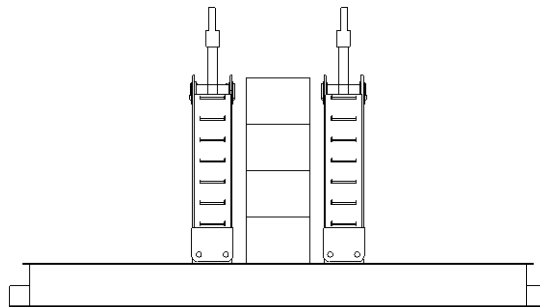
Warning: Narrow crawler arrangement requires set outrigger jacks to swing beyond front or rear operating range.

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



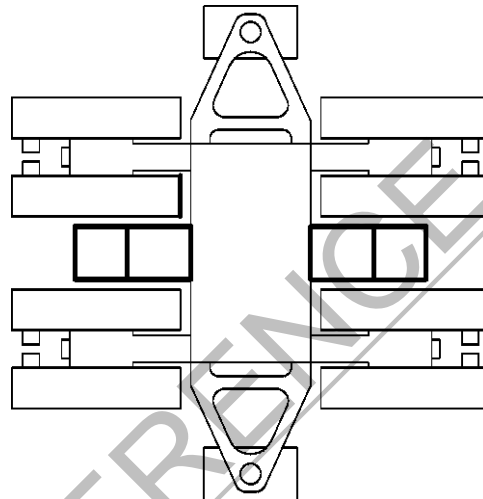
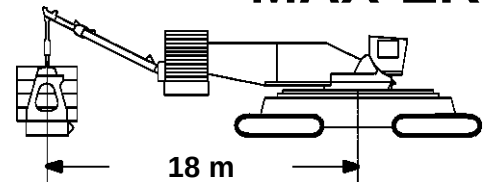
112 170 kg Hanging Counterweight
4 Center Boxes

Liftcrane Luffing Jib Capacities

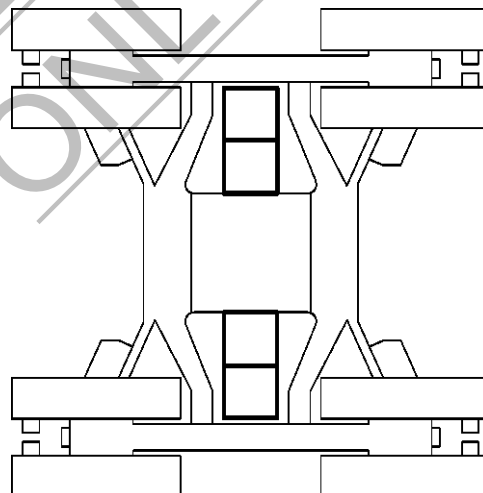
Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

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 140 ft Mast No. 81

208 060 kg Crane Counterweight

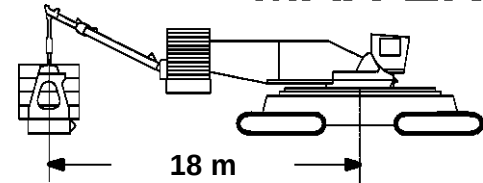
90 720 kg Carbody Counterweight

112 170 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 112 170 kg Hanging Counterweight		
Boom Length Meters	Luffing Jib No. 81 Meters	Boom to Luffing Jib Angle Degrees
Over End Unblocked Crawlers		
54,9	36,6 - 91,4	90
61,0 - 67,1	36,6 - 91,4	60
73,2	36,6 - 79,2	60
Load blocks, hook and weight ball on ground until boom and luffing jib are erected.		

RAISING AND LOWERING PROCEDURE

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

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

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

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

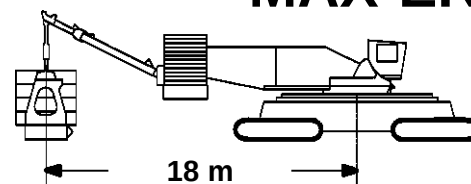
CAUTION: Do not under any condition allow boom to luffing jib angle to become less than 60 degrees.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3				c													18,3
20,0				c													20,0
22,0				c													22,0
24,0	64,4	90,9	170 800	282 800*b													24,0
26,0	60,8	89,8	153 100	259 600*b				c									26,0
28,0	57,1	88,6	138 300	239 900*b	65,8	90,6	120 000	228 000*b									28,0
30,0	53,2	87,1	125 600	222 700*	62,2	89,6	108 700	211 500*b									30,0
32,0	49,1	85,4	114 600	207 500*	58,6	88,4	99 000	197 100*b									32,0
34,0	44,7	83,4	104 900	194 000*	54,7	87,0	90 500	184 300*b	63,5	88,9	75 900	174 600*b					34,0
36,0	39,9	81,1	96 300	181 900*	50,7	85,4	82 900	172 800*	59,9	87,7	69 300	163 600*b					36,0
38,0	34,5	78,3	88 500	170 900*	46,4	83,5	76 200	162 500*	56,1	86,4	63 500	153 500*b					38,0
40,0	28,1	74,8	81 400	160 900*	41,8	81,3	70 000	152 800*	52,2	84,9	58 200	144 400*					40,0
42,0	19,9	69,9	74 600	151 200*	36,7	78,7	64 400	144 000*	48,0	83,1	53 400	136 100*	57,3	85,3	42 200	128 200*b	42,0
44,0					30,8	75,6	59 200	135 800*	43,5	81,0	49 000	128 500*	53,4	83,8	38 500	121 000*	44,0
46,0					23,5	71,4	54 200	128 300*	38,6	78,6	44 900	121 600*	49,3	82,1	35 000	114 500*	46,0
48,0									33,0	75,7	41 100	115 100*	44,9	80,2	31 800	108 500*	48,0
50,0									26,3	71,9	37 400	109 100*	40,1	77,9	28 800	102 900*	50,0
52,0									17,3	66,5	33 600	103 200*	34,8	75,1	26 000	97 700*	52,0
54,0													28,5	71,6	23 200	92 800*	54,0
56,0													20,4	66,9	20 400	88 100*	56,0

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

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

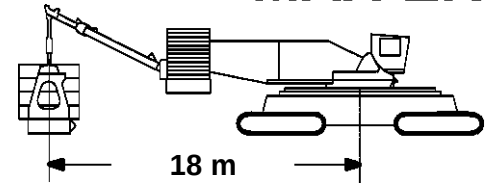
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8				c													19,8
20,0				c													20,0
22,0				c													22,0
24,0	68,3	97,7	170 200	281 400*b													24,0
26,0	65,3	96,8	152 500	258 400*b													26,0
28,0	62,3	95,7	137 700	238 700*b													28,0
30,0	59,2	94,5	125 100	221 500*	66,5	96,4	107 300	209 900*b									30,0
32,0	56,0	93,2	114 100	206 500*	63,5	95,4	97 600	195 500*b									32,0
34,0	52,6	91,7	104 500	193 100*	60,4	94,3	89 200	182 800*b									34,0
36,0	49,1	90,0	96 000	181 100*	57,2	93,0	81 700	171 500*									36,0
38,0	45,3	88,0	88 400	170 300*	53,9	91,6	75 100	161 300*	61,5	93,6	61 600	151 900*b					38,0
40,0	41,3	85,8	81 600	160 500*	50,5	90,0	69 100	151 800*	58,4	92,4	56 400	142 800*					40,0
42,0	36,9	83,2	75 400	151 400*	46,8	88,1	63 700	143 100*	55,1	91,0	51 800	134 600*					42,0
44,0	32,0	80,1	69 700	142 900*	42,9	86,0	58 700	135 200*	51,7	89,5	47 500	127 200*					44,0
46,0	26,2	76,3	64 300	135 100*	38,7	83,6	54 200	127 900*	48,1	87,7	43 600	120 400*	56,1	89,9	33 000	112 800*	46,0
48,0	18,8	71,2	59 100	127 800*	34,0	80,7	49 900	121 200*	44,3	85,7	40 000	114 100*	52,8	88,4	29 900	106 900*	48,0
50,0					28,6	77,3	45 900	114 900*	40,2	83,4	36 600	108 300*	49,2	86,7	27 100	101 500*	50,0
52,0					22,0	72,8	42 000	109 100*	35,7	80,7	33 500	102 900*	45,5	84,8	24 500	96 400*	52,0
54,0									30,7	77,5	30 500	97 800*	41,5	82,6	22 000	91 700*	54,0
56,0									24,6	73,4	27 500	93 000*	37,1	80,0	19 600	87 300*	56,0
58,0									16,4	67,7	24 500	88 300*	32,2	77,0	17 400	83 100*	58,0
60,0													26,5	73,2	15 100	79 200*	60,0
62,0													19,2	68,2	12 800	75 300*	62,0
64,0													4,2	57,2	9 800	71 100*	64,0

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

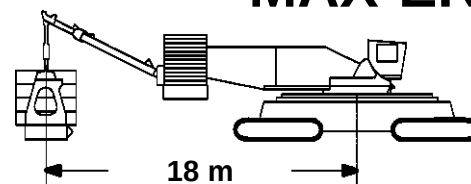
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3				c													21,3
22,0				c													22,0
24,0	71,1	104,2	169 700	280 300*b													24,0
26,0	68,6	103,4	151 900	257 300*b													26,0
28,0	66,0	102,6	137 000	237 700*b													28,0
30,0	63,4	101,6	124 400	220 600*													30,0
32,0	60,7	100,4	113 500	205 500*	67,1	102,2	96 400	194 300*b									32,0
34,0	58,0	99,2	103 900	192 300*	64,5	101,3	88 000	181 600*b									34,0
36,0	55,1	97,8	95 500	180 400*	61,8	100,2	80 600	170 300*									36,0
38,0	52,1	96,3	88 000	169 600*	59,1	99,0	74 000	160 200*									38,0
40,0	49,1	94,6	81 300	160 000*	56,2	97,7	68 100	150 800*	62,8	99,5	55 000	141 600*					40,0
42,0	45,8	92,7	75 200	151 000*	53,3	96,2	62 800	142 200*	60,0	98,3	50 400	133 400*					42,0
44,0	42,3	90,5	69 600	142 700*	50,3	94,6	58 000	134 400*	57,3	97,1	46 200	126 100*					44,0
46,0	38,6	88,1	64 600	135 100*	47,1	92,7	53 500	127 200*	54,4	95,7	42 400	119 300*					46,0
48,0	34,6	85,2	59 900	128 000*	43,7	90,7	49 400	120 600*	51,4	94,1	38 900	113 100*	58,1	95,9	28 400	105 700*	48,0
50,0	30,0	81,9	55 500	121 600*	40,1	88,4	45 700	114 600*	48,3	92,3	35 600	107 400*	55,3	94,6	25 600	100 300*	50,0
52,0	24,7	77,8	51 300	115 500*	36,2	85,7	42 100	108 900*	45,0	90,3	32 700	102 100*	52,3	93,0	23 100	95 300*	52,0
54,0	17,9	72,4	47 300	109 700*	31,9	82,6	38 800	103 700*	41,4	88,1	29 800	97 200*	49,2	91,3	20 700	90 700*	54,0
56,0					26,9	78,9	35 600	98 700*	37,7	85,6	27 200	92 600*	46,0	89,4	18 500	86 400*	56,0
58,0					20,8	74,1	32 600	94 000*	33,5	82,7	24 700	88 300*	42,5	87,3	16 500	82 400*	58,0
60,0									28,8	79,2	22 200	84 200*	38,8	84,9	14 500	78 600*	60,0
62,0									23,2	74,9	19 800	80 300*	34,8	82,1	12 500	75 000*	62,0
64,0									15,7	68,8	17 400	76 400*	30,3	78,8	10 700	71 600*	64,0
66,0													25,0	74,8	8 900	68 300*	66,0
68,0													18,3	69,4	7 000	65 100*	68,0
70,0													5,6	58,9	4 400	61 600*	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

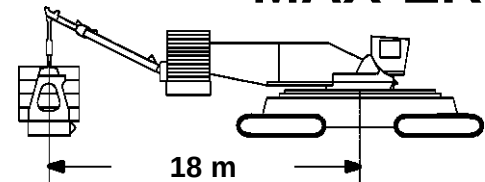
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	74,6	111,0	180 300	293 100*b													22,9
24,0	73,3	110,7	168 800	278 700*b													24,0
26,0	71,1	110,0	150 900	255 700*b													26,0
28,0	68,9	109,2	136 000	236 100*b													28,0
30,0	66,6	108,3	123 300	219 000*													30,0
32,0	64,3	107,4	112 300	204 000*	69,7	108,8	94 500	192 400*b									32,0
34,0	61,9	106,3	102 700	190 800*	67,5	108,0	86 200	179 800*									34,0
36,0	59,5	105,2	94 300	178 900*	65,2	107,1	78 800	168 600*									36,0
38,0	57,0	103,9	86 800	168 300*	62,9	106,1	72 200	158 500*									38,0
40,0	54,4	102,4	80 100	158 600*	60,5	104,9	66 300	149 200*									40,0
42,0	51,8	100,9	74 000	149 800*	58,0	103,7	61 100	140 600*	63,7	105,3	48 200	131 600*					42,0
44,0	49,0	99,2	68 500	141 500*	55,5	102,3	56 300	132 800*	61,3	104,2	44 000	124 200*					44,0
46,0	46,2	97,3	63 500	134 000*	52,9	100,8	51 900	125 800*	58,9	103,0	40 300	117 500*					46,0
48,0	43,1	95,2	58 900	127 100*	50,1	99,2	47 900	119 200*	56,4	101,7	36 800	111 400*					48,0
50,0	39,9	92,8	54 700	120 700*	47,3	97,3	44 200	113 200*	53,8	100,3	33 600	105 700*					50,0
52,0	36,5	90,2	50 800	114 800*	44,4	95,3	40 700	107 700*	51,1	98,7	30 700	100 500*	57,1	100,6	20 700	93 400*	52,0
54,0	32,7	87,2	47 100	109 300*	41,2	93,1	37 600	102 500*	48,3	96,9	28 000	95 600*	54,6	99,2	18 400	88 800*	54,0
56,0	28,4	83,6	43 600	104 100*	37,9	90,6	34 600	97 700*	45,4	95,0	25 400	91 100*	51,9	97,6	16 300	84 600*	56,0
58,0	23,5	79,3	40 200	99 300*	34,2	87,7	31 800	93 200*	42,4	92,8	23 000	86 900*	49,2	95,9	14 300	80 700*	58,0
60,0	17,1	73,6	36 900	94 600*	30,2	84,4	29 100	88 900*	39,1	90,4	20 800	82 900*	46,3	94,1	12 400	76 900*	60,0
62,0					25,5	80,4	26 500	84 900*	35,6	87,7	18 600	79 200*	43,3	92,0	10 600	73 400*	62,0
64,0					19,9	75,4	24 000	81 000*	31,7	84,5	16 600	75 700*	40,1	89,6	8 900	70 100*	64,0
66,0									27,3	80,8	14 600	72 300*	36,6	87,0	7 300	67 000*	66,0
68,0									22,1	76,3	12 600	69 100*	32,9	84,0	5 800	64 100*	68,0
70,0									15,1	69,9	10 500	65 800*	28,7	80,5	4 200	61 200*	70,0
72,0													23,7	76,2	2 700	58 500*	72,0
74,0													17,5	70,6	1 100	55 800*	74,0
76,0													6,4	60,2		52 800*	76,0

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

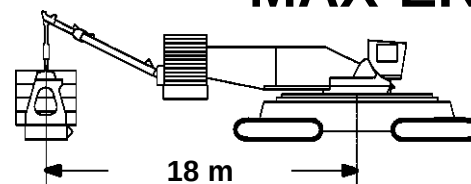
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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, 61,0 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	74,7	116,9	164 000	272 400 b													24,4
26,0	73,1	116,4	149 800	254 300 b													26,0
28,0	71,1	115,7	134 900	234 800 b													28,0
30,0	69,1	115,0	122 200	217 800*													30,0
32,0	67,0	114,1	111 200	202 800*													32,0
34,0	65,0	113,2	101 600	189 600*													34,0
36,0	62,8	112,2	93 100	177 800*	67,8	113,8	77 300	167 200*									36,0
38,0	60,7	111,1	85 700	167 100*	65,8	112,9	70 700	157 100*									38,0
40,0	58,5	109,8	79 000	157 600*	63,7	111,9	64 900	147 900*									40,0
42,0	56,2	108,5	72 900	148 800*	61,5	110,8	59 600	139 400*									42,0
44,0	53,9	107,1	67 500	140 600*	59,4	109,6	54 800	131 600*									44,0
46,0	51,5	105,5	62 500	133 100*	57,1	108,3	50 500	124 600*	62,3	110,1	38 500	116 100*					46,0
48,0	49,0	103,8	58 000	126 200*	54,8	106,9	46 500	118 100*	60,1	109,0	35 100	110 000*					48,0
50,0	46,5	101,9	53 800	119 900*	52,5	105,4	42 900	112 100*	57,9	107,7	32 000	104 400*					50,0
52,0	43,8	99,8	49 900	114 000*	50,0	103,8	39 500	106 600*	55,7	106,3	29 100	99 200*					52,0
54,0	40,9	97,6	46 300	108 600*	47,5	101,9	36 400	101 500*	53,3	104,9	26 400	94 400*	58,6	106,6	16 600	87 400*	54,0
56,0	37,9	95,0	43 000	103 500*	44,8	100,0	33 500	96 700*	50,9	103,3	24 000	89 900*	56,3	105,3	14 500	83 200*	56,0
58,0	34,6	92,2	39 800	98 800*	42,1	97,8	30 700	92 200*	48,4	101,5	21 600	85 700*	54,0	103,8	12 600	79 300*	58,0
60,0	31,1	89,0	36 900	94 300*	39,1	95,4	28 200	88 100*	45,8	99,6	19 400	81 800*	51,6	102,2	10 700	75 600*	60,0
62,0	27,1	85,3	34 000	90 100*	36,0	92,7	25 800	84 200*	43,1	97,5	17 400	78 200*	49,2	100,5	9 000	72 200*	62,0
64,0	22,4	80,7	31 300	86 100*	32,5	89,6	23 500	80 500*	40,2	95,2	15 400	74 700*	46,6	98,7	7 400	68 900*	64,0
66,0	16,5	74,8	28 600	82 200*	28,7	86,1	21 300	77 000*	37,1	92,6	13 600	71 400*	43,9	96,6	5 900	65 900*	66,0
68,0					24,4	81,9	19 100	73 600*	33,8	89,7	11 800	68 400*	41,1	94,4	4 400	63 000*	68,0
70,0					19,1	76,7	17 000	70 400*	30,1	86,3	10 100	65 400*	38,0	91,8	3 000	60 200*	70,0
72,0									26,0	82,4	8 400	62 600*	34,8	89,0	1 600	57 700*	72,0
74,0									21,1	77,6	6 700	59 800*	31,3	85,8		55 100*	74,0
76,0									14,7	71,1	5 000	57 100*	27,3	82,1		52 800*	76,0
80,0													16,9	71,8		48 100*	80,0

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

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

Liftcrane Luffing Jib Capacities

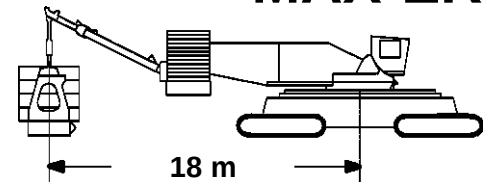
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	74,7	122,8	149 100	253 300* b													25,9
26,0	74,7	122,8	148 400	252 400* b													26,0
28,0	72,9	122,2	133 300	233 100* b													28,0
30,0	71,1	121,5	120 500	216 100*													30,0
32,0	69,2	120,7	109 500	201 100*													32,0
34,0	67,4	119,9	99 900	187 900*													34,0
36,0	65,5	119,0	91 500	176 100*													36,0
38,0	63,6	118,0	84 000	165 600*	68,1	119,6	68 500	155 300*									38,0
40,0	61,7	116,9	77 300	156 000*	66,2	118,7	62 700	146 100*									40,0
42,0	59,7	115,8	71 300	147 200*	64,4	117,7	57 500	137 600*									42,0
44,0	57,7	114,5	65 800	139 100*	62,4	116,7	52 700	129 900*									44,0
46,0	55,6	113,1	60 900	131 600*	60,5	115,5	48 400	122 900*									46,0
48,0	53,5	111,7	56 400	124 800*	58,5	114,3	44 500	116 400*	63,1	115,9	32 700	108 100*					48,0
50,0	51,3	110,1	52 200	118 500*	56,4	113,0	40 900	110 500*	61,2	114,8	29 600	102 500*					50,0
52,0	49,0	108,4	48 400	112 600*	54,3	111,6	37 500	105 000*	59,2	113,7	26 800	97 300*					52,0
54,0	46,7	106,5	44 800	107 300*	52,2	110,0	34 500	99 900*	57,1	112,4	24 100	92 600*					54,0
56,0	44,3	104,5	41 500	102 300*	49,9	108,4	31 600	95 200*	55,1	111,0	21 700	88 100*					56,0
58,0	41,7	102,3	38 500	97 500*	47,6	106,6	28 900	90 800*	52,9	109,5	19 400	84 000*	57,8	111,2	10 000	77 300*	58,0
60,0	39,0	99,8	35 600	93 200*	45,2	104,6	26 400	86 600*	50,7	107,9	17 300	80 100*	55,7	109,9	8 300	73 700*	60,0
62,0	36,2	97,2	32 800	89 000*	42,7	102,5	24 000	82 800*	48,5	106,1	15 300	76 500*	53,6	108,4	6 600	70 300*	62,0
64,0	33,1	94,2	30 300	85 200*	40,1	100,1	21 800	79 200*	46,1	104,2	13 400	73 100*	51,4	106,8	5 000	67 100*	64,0
66,0	29,7	90,8	27 800	81 500*	37,3	97,6	19 700	75 700*	43,6	102,1	11 600	69 900*	49,1	105,1	3 600	64 100*	66,0
68,0	26,0	86,8	25 400	78 000*	34,3	94,7	17 700	72 500*	41,1	99,9	9 900	66 800*	46,8	103,3	2 100	61 200*	68,0
70,0	21,6	82,1	23 200	74 600*	31,1	91,5	15 800	69 400*	38,3	97,4	8 300	64 000*	44,4	101,3	800	58 500*	70,0
72,0	16,0	75,9	20 800	71 400*	27,5	87,8	13 900	66 400*	35,4	94,6	6 700	61 200*	41,8	99,1		56 000*	72,0
74,0					23,4	83,4	12 100	63 600*	32,3	91,6	5 300	58 600*	39,2	96,6		53 600*	74,0
76,0					18,4	77,9	10 300	60 800*	28,8	88,1	3 800	56 100*	36,3	94,0		51 300*	76,0
80,0									20,3	78,9		51 400*	29,9	87,6		46 900*	80,0
84,0													21,8	79,1		42 900*	84,0
88,0													7,4	62,7		38 600*	88,0

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

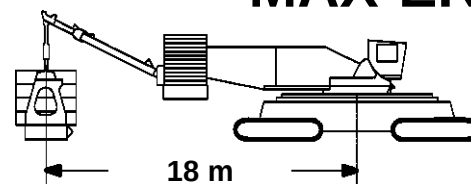
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	74,8	128,7	136 500	220 400*													27,4
28,0	74,3	128,6	132 600	220 400*													28,0
30,0	72,7	127,9	119 500	213 900*													30,0
32,0	71,0	127,2	108 300	199 700*													32,0
34,0	69,4	126,5	98 600	186 400*													34,0
36,0	67,7	125,7	90 100	174 600*													36,0
38,0	66,0	124,8	82 600	164 100*													38,0
40,0	64,2	123,8	75 800	154 500*	68,3	125,3	60 900	144 500*									40,0
42,0	62,5	122,8	69 800	145 800*	66,6	124,4	55 700	136 000*									42,0
44,0	60,7	121,7	64 300	137 700*	64,9	123,5	51 000	128 300*									44,0
46,0	58,8	120,5	59 400	130 200*	63,2	122,5	46 600	121 300*									46,0
48,0	57,0	119,2	54 800	123 400*	61,4	121,4	42 700	114 900*									48,0
50,0	55,1	117,8	50 700	117 100*	59,6	120,2	39 100	109 000*	63,8	121,8	27 600	100 900*					50,0
52,0	53,1	116,3	46 900	111 300*	57,7	119,0	35 800	103 500*	62,0	120,7	24 700	95 700*					52,0
54,0	51,1	114,7	43 300	105 900*	55,8	117,7	32 700	98 400*	60,2	119,6	22 100	90 900*					54,0
56,0	49,0	113,0	40 000	100 900*	53,9	116,2	29 800	93 700*	58,4	118,3	19 700	86 500*					56,0
58,0	46,9	111,1	37 000	96 300*	51,9	114,6	27 200	89 300*	56,5	117,0	17 500	82 400*					58,0
60,0	44,7	109,1	34 100	91 900*	49,9	113,0	24 700	85 200*	54,6	115,6	15 300	78 500*	58,9	117,2	6 100	72 000*	60,0
62,0	42,4	106,9	31 400	87 900*	47,7	111,2	22 300	81 400*	52,6	114,1	13 300	74 900*	57,1	115,9	4 500	68 600*	62,0
64,0	40,0	104,6	28 900	84 000*	45,6	109,2	20 200	77 800*	50,6	112,5	11 500	71 500*	55,2	114,5	2 900	65 400*	64,0
66,0	37,4	102,0	26 500	80 400*	43,3	107,1	18 100	74 400*	48,5	110,7	9 700	68 400*	53,2	113,1	1 400	62 400*	66,0
68,0	34,7	99,2	24 300	77 000*	40,9	104,8	16 100	71 200*	46,4	108,8	8 100	65 400*	51,2	111,4		59 600*	68,0
70,0	31,8	96,0	22 100	73 700*	38,4	102,4	14 300	68 100*	44,1	106,8	6 500	62 500*	49,1	109,7		57 000*	70,0
72,0	28,6	92,5	20 000	70 600*	35,8	99,7	12 600	65 200*	41,8	104,6	5 000	59 800*	47,0	107,9		54 500*	72,0
74,0	25,0	88,4	18 000	67 700*	32,9	96,6	10 800	62 500*	39,3	102,2	3 600	57 300*	44,8	105,9		52 100*	74,0
76,0	20,8	83,5	16 100	64 900*	29,9	93,2	9 200	59 900*	36,7	99,5	2 200	54 800*	42,5	103,7		49 800*	76,0
80,0					22,6	84,8	6 100	55 000*	31,0	93,4		50 300*	37,5	98,8		45 500*	80,0
84,0									24,0	85,4		46 000*	31,9	92,9		41 600*	84,0
88,0									14,0	73,3		42 000*	25,2	85,3		38 000*	88,0
92,0													15,9	74,1		34 500*	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

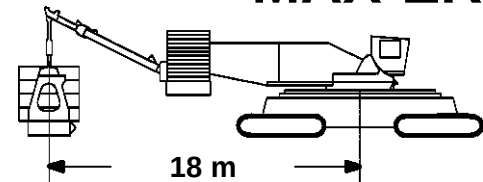
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	74,8	134,6	124 300	192 000*													29,0
30,0	74,1	134,3	117 900	192 000*													30,0
32,0	72,6	133,7	106 700	192 000*													32,0
34,0	71,0	133,0	96 900	185 400*													34,0
36,0	69,5	132,3	88 400	173 000*													36,0
38,0	67,9	131,4	80 800	162 400*													38,0
40,0	66,3	130,6	74 100	152 900*													40,0
42,0	64,7	129,6	68 000	144 200*	68,5	131,1	53 600	134 300*									42,0
44,0	63,1	128,6	62 600	136 200*	67,0	130,2	48 800	126 500*									44,0
46,0	61,5	127,5	57 600	128 700*	65,4	129,3	44 500	119 500*									46,0
48,0	59,8	126,4	53 000	121 900*	63,8	128,3	40 600	113 100*									48,0
50,0	58,1	125,1	48 900	115 600*	62,1	127,3	37 000	107 200*									50,0
52,0	56,4	123,8	45 100	109 800*	60,5	126,2	33 600	101 800*	64,3	127,6	22 300	93 800*					52,0
54,0	54,6	122,4	41 500	104 500*	58,8	124,9	30 600	96 700*	62,7	126,6	19 700	89 000*					54,0
56,0	52,8	120,9	38 300	99 500*	57,1	123,7	27 700	92 000*	61,1	125,5	17 300	84 600*					56,0
58,0	50,9	119,3	35 200	94 900*	55,3	122,3	25 100	87 700*	59,4	124,3	15 100	80 600*					58,0
60,0	49,0	117,6	32 400	90 500*	53,5	120,8	22 700	83 600*	57,7	123,0	13 000	76 700*					60,0
62,0	47,1	115,7	29 700	86 400*	51,7	119,2	20 400	79 800*	55,9	121,7	11 100	73 100*					62,0
64,0	45,0	113,7	27 300	82 700*	49,8	117,6	18 200	76 200*	54,2	120,2	9 200	69 800*	58,2	121,9	400	63 500*	64,0
66,0	42,9	111,6	24 900	79 100*	47,8	115,8	16 200	72 800*	52,3	118,7	7 500	66 600*	56,5	120,6		60 500*	66,0
68,0	40,7	109,3	22 700	75 700*	45,8	113,8	14 200	69 600*	50,5	117,1	5 900	63 700*	54,7	119,2		57 700*	68,0
70,0	38,4	106,8	20 600	72 500*	43,8	111,8	12 400	66 600*	48,5	115,3	4 300	60 800*	52,9	117,7		55 100*	70,0
72,0	36,0	104,1	18 600	69 400*	41,6	109,6	10 700	63 800*	46,6	113,4	2 900	58 200*	51,0	116,1		52 600*	72,0
74,0	33,4	101,2	16 700	66 500*	39,3	107,2	9 100	61 100*	44,5	111,4	1 500	55 600*	49,1	114,3		50 200*	74,0
76,0	30,6	97,9	14 800	63 800*	37,0	104,5	7 500	58 500*	42,4	109,3	100	53 200*	47,2	112,5		48 000*	76,0
80,0	24,1	89,9	11 400	58 600*	31,7	98,5	4 500	53 700*	37,8	104,4		48 800*	43,0	108,4		43 800*	80,0
84,0	15,2	78,2	7 900	53 800*	25,5	91,0	1 800	49 300*	32,7	98,6		44 700*	38,5	103,6		40 000*	84,0
88,0					17,4	80,4		45 100*	26,7	91,3		40 900*	33,5	98,0		36 500*	88,0
92,0									19,1	81,5		37 300*	27,7	91,0		33 200*	92,0
96,0													20,4	81,8		30 100*	96,0
100,0													7,9	65,0		26 600*	100,0

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

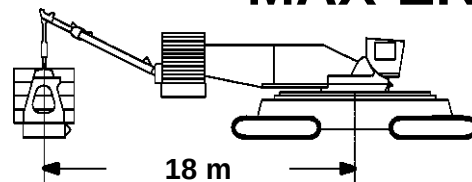
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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, 85,3 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
30,5	74,9	140,5	113 600	167 700*												30,5	
32,0	73,8	140,1	105 200	167 700*												32,0	
34,0	72,4	139,4	95 400	167 700*												34,0	
36,0	71,0	138,8	86 900	167 700*												36,0	
38,0	69,6	138,0	79 300	161 000*												38,0	
40,0	68,1	137,2	72 500	151 500*												40,0	
42,0	66,7	136,4	66 500	142 800*												42,0	
44,0	65,2	135,4	61 000	134 800*	68,7	136,9	47 000	125 100*								44,0	
46,0	63,7	134,4	56 000	127 400*	67,3	136,0	42 700	118 100*								46,0	
48,0	62,2	133,4	51 500	120 600*	65,8	135,1	38 700	111 700*								48,0	
50,0	60,6	132,3	47 300	114 300*	64,3	134,2	35 100	105 800*								50,0	
52,0	59,1	131,1	43 500	108 600*	62,8	133,1	31 900	100 300*								52,0	
54,0	57,5	129,8	40 000	103 200*	61,3	132,0	28 800	95 300*								54,0	
56,0	55,9	128,5	36 800	98 200*	59,7	130,9	26 000	90 600*	63,3	132,4	15 400	83 100*				56,0	
58,0	54,2	127,0	33 700	93 600*	58,1	129,6	23 400	86 300*	61,8	131,3	13 100	79 000*				58,0	
60,0	52,5	125,5	30 900	89 300*	56,5	128,3	21 000	82 200*	60,3	130,2	11 100	75 200*				60,0	
62,0	50,8	123,9	28 300	85 200*	54,9	126,9	18 700	78 400*	58,7	129,0	9 200	71 700*				62,0	
64,0	49,0	122,2	25 800	81 400*	53,2	125,4	16 500	74 900*	57,1	127,7	7 400	68 300*				64,0	
66,0	47,2	120,3	23 500	77 900*	51,5	123,8	14 500	71 500*	55,5	126,3	5 600	65 200*	59,2	127,8	58 900*	66,0	
68,0	45,3	118,4	21 200	74 500*	49,7	122,2	12 600	68 300*	53,8	124,9	4 000	62 200*	57,6	126,6	56 200*	68,0	
70,0	43,4	116,3	19 200	71 300*	47,9	120,4	10 800	65 400*	52,1	123,3	2 500	59 400*	55,9	125,2	53 600*	70,0	
72,0	41,4	114,0	17 200	68 300*	46,1	118,5	9 100	62 500*	50,4	121,7	1 100	56 800*	54,3	123,8	51 100*	72,0	
74,0	39,3	111,6	15 400	65 500*	44,2	116,4	7 500	59 800*	48,6	119,9		54 200*	52,6	122,3	48 700*	74,0	
76,0	37,0	109,0	13 600	62 800*	42,2	114,2	6 000	57 300*	46,7	118,1		51 900*	50,9	120,7	46 500*	76,0	
80,0	32,2	103,1	10 200	57 700*	37,9	109,4	3 100	52 600*	42,9	113,9		47 500*	47,3	117,1	42 400*	80,0	
84,0	26,7	95,8	7 100	53 000*	33,2	103,6		48 300*	38,7	109,2		43 400*	43,5	113,1	38 600*	84,0	
88,0	19,6	86,1	4 100	48 800*	27,8	96,7		44 300*	34,1	103,6		39 700*	39,4	108,4	35 200*	88,0	
92,0					21,2	87,6		40 500*	28,9	96,9		36 300*	34,8	103,0	32 000*	92,0	
96,0									22,5	88,3		33 100*	29,7	96,5	29 100*	96,0	
100,0									13,5	75,5		29 900*	23,6	88,3	26 000*	100,0	

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

Boom No. 80 With 140 ft Mast No. 81

208 060 kg Crane Counterweight

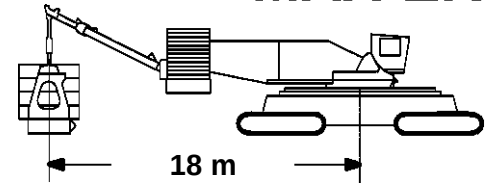
90 720 kg Carbody Counterweight

112 170 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	74,9	146,4	104 100	149 600*									32,0
34,0	73,6	145,9	94 200	149 600*									34,0
36,0	72,3	145,2	85 500	149 600*									36,0
38,0	71,0	144,5	77 900	149 600*									38,0
40,0	69,7	143,8	71 000	148 400*									40,0
42,0	68,3	143,0	64 900	141 400*									42,0
44,0	67,0	142,1	59 400	133 200*									44,0
46,0	65,6	141,2	54 400	125 800*	68,9	142,6	40 700	116 300*					46,0
48,0	64,2	140,3	49 800	119 000*	67,5	141,8	36 700	109 900*					48,0
50,0	62,8	139,2	45 700	112 800*	66,1	140,9	33 100	104 000*					50,0
52,0	61,4	138,1	41 800	107 000*	64,7	140,0	29 800	98 600*					52,0
54,0	59,9	137,0	38 300	101 700*	63,3	139,0	26 700	93 500*					54,0
56,0	58,4	135,8	35 000	96 700*	61,9	137,9	23 900	88 900*					56,0
58,0	56,9	134,5	31 900	92 100*	60,5	136,8	21 300	84 500*	63,8	138,2	10 700	77 100*	58,0
60,0	55,4	133,1	29 100	87 800*	59,0	135,6	18 900	80 500*	62,4	137,2	8 700	73 300*	60,0
62,0	53,9	131,6	26 500	83 700*	57,5	134,3	16 600	76 700*	61,0	136,1	6 800	69 800*	62,0
64,0	52,3	130,1	24 000	79 900*	56,0	133,0	14 400	73 200*	59,5	134,9	5 000	66 500*	64,0
66,0	50,7	128,5	21 700	76 400*	54,5	131,5	12 400	69 800*	58,1	133,7	3 300	63 300*	66,0
68,0	49,0	126,8	19 500	73 100*	52,9	130,0	10 500	66 700*	56,6	132,3	1 700	60 400*	68,0
70,0	47,3	124,9	17 400	69 900*	51,3	128,4	8 800	63 700*	55,0	130,9	200	57 600*	70,0
72,0	45,6	123,0	15 500	66 900*	49,7	126,8	7 100	60 900*	53,5	129,5		55 000*	72,0
74,0	43,8	120,9	13 600	64 000*	48,0	125,0	5 500	58 300*	51,9	127,9		52 500*	74,0
76,0	41,9	118,7	11 900	61 400*	46,3	123,1	4 000	55 700*	50,3	126,3		50 100*	76,0
80,0	38,0	113,8	8 600	56 100*	42,7	118,9		51 000*	46,9	122,7		45 700*	80,0
84,0	33,6	108,1	5 600	49 800*	38,8	114,2		46 800*	43,3	118,6		41 800*	84,0
88,0	28,7	101,3	2 800	44 100*	34,5	108,7		42 900*	39,5	113,9		38 100*	88,0
92,0	22,7	92,8		39 000*	29,7	102,1		39 200*	35,3	108,6		34 700*	92,0
96,0	14,6	80,5		34 500*	24,0	94,0		35 800*	30,6	102,3		31 600*	96,0
100,0					16,6	82,8		32 600*	25,1	94,5		28 700*	100,0
104,0									18,1	84,0		25 900*	104,0

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

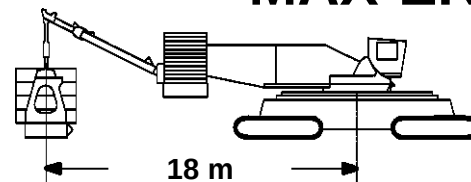
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3				c													18,3
20,0				c													20,0
22,0				c													22,0
24,0	65,3	97,3	170 200	280 800*b													24,0
26,0	61,8	96,2	152 500	257 800*b													26,0
28,0	58,1	95,0	137 700	238 200*b													28,0
30,0	54,2	93,6	125 100	221 100*b	64,1	96,2	105 500	208 300*b									30,0
32,0	50,2	91,9	114 100	206 000*	60,5	95,1	96 000	194 000*b									32,0
34,0	45,9	90,0	104 500	192 600*	56,8	93,8	87 700	181 400*b									34,0
36,0	41,2	87,8	95 900	180 600*	52,9	92,3	80 300	170 200*	62,7	94,5	64 500	159 500*b					36,0
38,0	36,0	85,1	88 100	169 800*	48,7	90,5	73 700	160 000*	59,1	93,3	58 900	149 700*b					38,0
40,0	30,0	81,8	81 000	159 900*	44,3	88,5	67 700	150 500*	55,3	92,0	53 900	140 800*b					40,0
42,0	22,4	77,5	74 400	150 500*	39,5	86,2	62 300	141 900*	51,3	90,4	49 400	132 700*					42,0
44,0	10,0	69,8	67 500	141 200*	34,0	83,3	57 300	133 900*	47,1	88,6	45 200	125 300*	57,4	91,1	32 900	116 600*b	44,0
46,0					27,6	79,8	52 500	126 500*	42,5	86,4	41 300	118 600*	53,6	89,6	29 700	110 300*b	46,0
48,0					19,2	74,8	47 800	119 500*	37,5	83,9	37 800	112 300*	49,5	87,9	26 900	104 500*	48,0
50,0									31,7	80,8	34 300	106 500*	45,1	86,0	24 100	99 100*	50,0
52,0									24,7	76,8	31 000	100 900*	40,3	83,7	21 600	94 100*	52,0
54,0									14,6	70,7	27 400	95 400*	35,0	80,9	19 100	89 500*	54,0
56,0													28,8	77,5	16 700	85 000*	56,0
58,0													20,8	72,9	14 200	80 700*	58,0

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

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

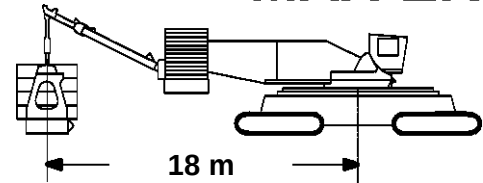
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8				c													19,8
20,0				c													20,0
22,0				c													22,0
24,0	69,1	104,0	169 300	279 400*b													24,0
26,0	66,1	103,1	151 600	256 500*b													26,0
28,0	63,1	102,1	136 800	237 000*b													28,0
30,0	60,0	100,9	124 200	219 900*b	68,1	102,9	103 800	206 600*b									30,0
32,0	56,8	99,6	113 400	205 000*	65,1	102,0	94 300	192 300*b									32,0
34,0	53,5	98,2	103 800	191 700*	62,1	100,9	86 100	179 800*b									34,0
36,0	50,0	96,5	95 400	179 800*	58,9	99,7	78 800	168 700*									36,0
38,0	46,3	94,6	87 800	169 100*	55,7	98,4	72 300	158 600*									38,0
40,0	42,4	92,5	81 000	159 400*	52,3	96,9	66 500	149 400*	60,9	99,3	51 900	139 100*b					40,0
42,0	38,1	90,0	74 900	150 500*	48,8	95,1	61 200	140 800*	57,7	98,0	47 400	131 100*					42,0
44,0	33,4	87,1	69 200	142 100*	45,0	93,2	56 400	133 000*	54,4	96,6	43 400	123 800*					44,0
46,0	27,9	83,5	63 900	134 300*	41,0	90,9	52 000	125 900*	51,0	95,0	39 700	117 200*	59,5	97,1	27 400	108 400*b	46,0
48,0	21,0	78,8	58 800	127 100*	36,6	88,3	47 900	119 300*	47,4	93,2	36 300	111 000*	56,3	95,7	24 600	102 700*	48,0
50,0	10,0	70,9	53 500	120 000*	31,6	85,2	44 000	113 200*	43,5	91,1	33 200	105 400*	52,9	94,2	22 100	97 500*	50,0
52,0					25,7	81,3	40 300	107 400*	39,3	88,7	30 200	100 100*	49,4	92,5	19 700	92 600*	52,0
54,0					18,1	76,0	36 700	101 900*	34,7	85,9	27 400	95 200*	45,7	90,6	17 500	88 100*	54,0
56,0									29,5	82,6	24 700	90 600*	41,7	88,4	15 300	83 800*	56,0
58,0									23,1	78,3	22 000	86 200*	37,3	85,9	13 300	79 900*	58,0
60,0									14,0	71,8	19 100	81 700*	32,5	82,9	11 300	76 100*	60,0
62,0													26,8	79,1	9 400	72 500*	62,0
64,0													19,6	74,2	7 400	69 000*	64,0

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

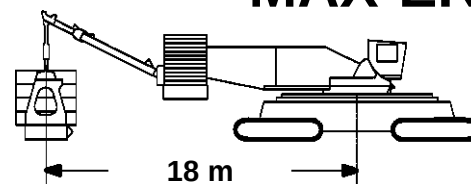
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	73,2	110,9	180 500	292 600* b													22,9
24,0	71,8	110,5	169 100	278 300* b													24,0
26,0	69,3	109,7	151 200	255 400* b													26,0
28,0	66,7	108,9	136 500	235 900* b													28,0
30,0	64,1	107,9	123 800	218 900*													30,0
32,0	61,5	106,8	112 900	204 000*	68,4	108,7	93 100	191 000* b									32,0
34,0	58,7	105,6	103 400	190 800*	65,8	107,8	84 900	178 600* b									34,0
36,0	55,9	104,3	94 900	179 000*	63,2	106,8	77 700	167 500*									36,0
38,0	52,9	102,8	87 400	168 400*	60,5	105,7	71 300	157 500*									38,0
40,0	49,9	101,1	80 800	158 800*	57,8	104,4	65 500	148 400*									40,0
42,0	46,7	99,2	74 700	150 000*	54,9	103,0	60 300	139 900*	62,2	105,1	46 000	129 800*					42,0
44,0	43,3	97,2	69 100	141 700*	51,9	101,5	55 600	132 200*	59,5	104,0	42 000	122 600*					44,0
46,0	39,6	94,8	64 100	134 200*	48,8	99,7	51 300	125 100*	56,7	102,7	38 400	116 000*					46,0
48,0	35,7	92,1	59 400	127 200*	45,5	97,8	47 300	118 600*	53,8	101,2	35 100	109 900*					48,0
50,0	31,3	88,9	55 100	120 800*	42,1	95,6	43 700	112 600*	50,7	99,6	32 000	104 400*	58,2	101,7	20 400	96 200*	50,0
52,0	26,2	85,1	51 000	114 800*	38,3	93,2	40 200	107 100*	47,6	97,8	29 200	99 200*	55,4	100,4	18 200	91 400*	52,0
54,0	19,9	80,1	47 000	109 100*	34,3	90,3	37 000	101 900*	44,2	95,8	26 500	94 400*	52,4	98,8	16 000	86 900*	54,0
56,0	10,0	72,0	42 700	103 400*	29,7	87,0	34 000	97 100*	40,7	93,5	24 000	90 000*	49,3	97,1	14 000	82 800*	56,0
58,0					24,3	82,8	31 000	92 500*	36,8	90,9	21 700	85 800*	46,1	95,2	12 100	78 900*	58,0
60,0					17,2	77,2	28 000	88 000*	32,6	87,9	19 400	81 800*	42,7	93,1	10 300	75 200*	60,0
62,0									27,7	84,2	17 200	78 000*	39,0	90,7	8 600	71 800*	62,0
64,0									21,8	79,7	15 100	74 400*	35,0	87,9	6 900	68 500*	64,0
66,0									13,5	72,9	12 600	70 800*	30,5	84,7	5 300	65 500*	66,0
68,0													25,2	80,7	3 700	62 500*	68,0
70,0													18,6	75,4	2 000	59 500*	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

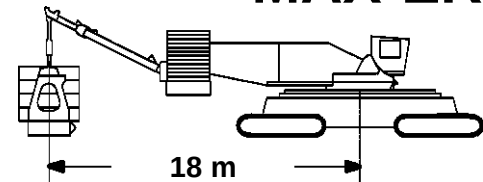
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	73,5	116,8	163 800	271 700* b													24,4
26,0	71,7	116,2	149 800	253 700* b													26,0
28,0	69,5	115,5	135 000	234 300* b													28,0
30,0	67,2	114,7	122 300	217 300*													30,0
32,0	64,9	113,7	111 400	202 500*													32,0
34,0	62,5	112,7	101 900	189 300*	68,7	114,4	82 900	176 800* b									34,0
36,0	60,1	111,5	93 500	177 500*	66,4	113,6	75 600	165 600*									36,0
38,0	57,7	110,3	86 000	167 000*	64,1	112,6	69 200	155 700*									38,0
40,0	55,1	108,9	79 400	157 400*	61,7	111,5	63 500	146 700*									40,0
42,0	52,5	107,4	73 300	148 700*	59,3	110,4	58 400	138 200*									42,0
44,0	49,8	105,7	67 900	140 600*	56,8	109,1	53 700	130 600*	63,2	111,0	39 600	120 700*					44,0
46,0	46,9	103,9	62 900	133 100*	54,2	107,6	49 500	123 600*	60,8	109,9	36 100	114 100*					46,0
48,0	44,0	101,8	58 400	126 200*	51,6	106,1	45 600	117 200*	58,4	108,7	32 800	108 100*					48,0
50,0	40,8	99,5	54 100	119 900*	48,8	104,3	42 000	111 300*	55,8	107,3	29 800	102 600*					50,0
52,0	37,4	97,0	50 200	114 000*	45,9	102,4	38 700	105 800*	53,2	105,8	27 100	97 500*	59,7	107,7	15 500	89 400*	52,0
54,0	33,7	94,1	46 600	108 500*	42,9	100,3	35 600	100 700*	50,5	104,2	24 500	92 800*	57,2	106,4	13 500	84 900*	54,0
56,0	29,6	90,7	43 100	103 400*	39,7	97,9	32 700	96 000*	47,7	102,4	22 100	88 400*	54,7	105,0	11 600	80 900*	56,0
58,0	24,9	86,6	39 800	98 600*	36,2	95,3	30 000	91 500*	44,8	100,4	19 900	84 300*	52,0	103,4	9 800	77 000*	58,0
60,0	19,0	81,4	36 600	94 000*	32,4	92,2	27 400	87 300*	41,7	98,2	17 700	80 400*	49,3	101,7	8 000	73 400*	60,0
62,0	10,1	73,1	33 100	89 300*	28,1	88,6	24 900	83 400*	38,4	95,7	15 700	76 800*	46,4	99,9	6 400	70 100*	62,0
64,0					23,1	84,2	22 500	79 600*	34,8	92,9	13 800	73 400*	43,4	97,8	4 900	67 000*	64,0
66,0					16,5	78,4	20 000	75 900*	30,8	89,7	11 900	70 100*	40,2	95,5	3 400	63 900*	66,0
68,0									26,3	85,8	10 100	66 900*	36,8	92,8	2 000	61 100*	68,0
70,0									20,8	81,0	8 300	63 900*	33,0	89,9	700	58 400*	70,0
72,0									13,2	74,0	6 300	60 900*	28,8	86,4		55 800*	72,0
74,0													24,0	82,2		53 300*	74,0
76,0													17,8	76,6		50 800*	76,0

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

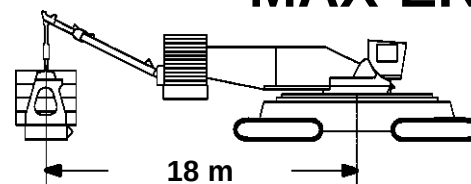
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	73,7	122,7	149 500	253 400*(b)													25,9
26,0	73,6	122,7	148 800	252 500*(b)													26,0
28,0	71,6	122,0	133 800	233 000*(b)													28,0
30,0	69,6	121,2	121 100	216 100*													30,0
32,0	67,6	120,4	110 200	201 200*													32,0
34,0	65,5	119,5	100 700	188 000*													34,0
36,0	63,4	118,5	92 300	176 300*	68,9	120,2	74 000	164 200*									36,0
38,0	61,3	117,4	84 900	165 800*	66,9	119,4	67 600	154 300*									38,0
40,0	59,1	116,2	78 200	156 300*	64,8	118,4	61 900	145 300*									40,0
42,0	56,8	114,9	72 200	147 600*	62,7	117,4	56 800	136 900*									42,0
44,0	54,5	113,5	66 800	139 500*	60,5	116,3	52 200	129 300*									44,0
46,0	52,2	112,0	61 800	132 100*	58,3	115,1	48 000	122 300*	64,0	116,8	34 200	112 600*					46,0
48,0	49,7	110,3	57 300	125 300*	56,1	113,7	44 200	115 900*	61,9	115,8	31 000	106 700*					48,0
50,0	47,2	108,5	53 200	119 000*	53,7	112,2	40 600	110 100*	59,7	114,6	28 100	101 200*					50,0
52,0	44,5	106,5	49 300	113 100*	51,3	110,7	37 400	104 700*	57,5	113,3	25 400	96 200*					52,0
54,0	41,7	104,2	45 800	107 800*	48,8	108,9	34 300	99 600*	55,2	111,9	22 900	91 500*					54,0
56,0	38,7	101,8	42 400	102 700*	46,3	107,1	31 500	94 900*	52,8	110,4	20 500	87 100*	58,7	112,4	9 700	79 400*	56,0
58,0	35,5	99,1	39 300	98 000*	43,6	105,0	28 800	90 500*	50,4	108,8	18 300	83 000*	56,4	111,0	7 900	75 600*	58,0
60,0	32,1	96,0	36 400	93 600*	40,7	102,7	26 300	86 400*	47,9	107,0	16 300	79 200*	54,1	109,6	6 300	72 100*	60,0
62,0	28,2	92,4	33 600	89 500*	37,7	100,1	24 000	82 600*	45,2	105,1	14 300	75 600*	51,7	108,0	4 700	68 700*	62,0
64,0	23,8	88,1	30 900	85 500*	34,4	97,3	21 800	78 900*	42,5	102,9	12 500	72 300*	49,3	106,3	3 200	65 600*	64,0
66,0	18,3	82,6	28 200	81 700*	30,8	94,1	19 600	75 500*	39,6	100,5	10 800	69 100*	46,7	104,5	1 800	62 700*	66,0
68,0	10,1	74,1	25 300	77 800*	26,8	90,3	17 600	72 200*	36,4	97,9	9 100	66 100*	44,0	102,4	500	59 900*	68,0
70,0					22,1	85,7	15 600	69 100*	33,1	94,9	7 500	63 200*	41,2	100,2		57 300*	70,0
72,0					16,0	79,5	13 500	66 000*	29,3	91,4	5 900	60 500*	38,2	97,7		54 800*	72,0
74,0									25,1	87,4	4 400	57 900*	35,0	94,9		52 400*	74,0
76,0									19,9	82,3	2 900	55 300*	31,4	91,7		50 100*	76,0
80,0													22,9	83,6		45 700*	80,0

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

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

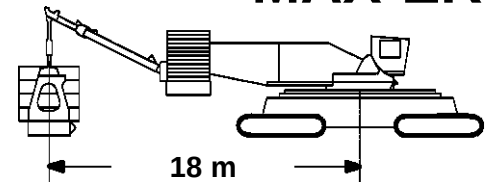
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	73,8	128,6	136 800	235 000* ^b													27,4
28,0	73,3	128,4	132 900	230 500* ^b													28,0
30,0	71,5	127,8	119 900	214 500*													30,0
32,0	69,7	127,0	108 900	199 500*													32,0
34,0	67,9	126,2	99 300	186 400*													34,0
36,0	66,0	125,3	90 800	174 700*													36,0
38,0	64,1	124,3	83 400	164 100*													38,0
40,0	62,2	123,3	76 700	154 700*	67,2	125,2	59 900	143 400*									40,0
42,0	60,2	122,2	70 700	146 100*	65,4	124,2	54 800	135 100*									42,0
44,0	58,2	120,9	65 200	138 100*	63,5	123,2	50 200	127 500*									44,0
46,0	56,1	119,6	60 300	130 600*	61,5	122,2	46 000	120 600*									46,0
48,0	54,0	118,2	55 800	123 800*	59,5	121,0	42 100	114 200*									48,0
50,0	51,9	116,6	51 600	117 600*	57,5	119,7	38 600	108 400*	62,7	121,6	25 700	99 300*					50,0
52,0	49,6	114,9	47 800	111 800*	55,4	118,3	35 400	103 000*	60,8	120,5	23 000	94 200*					52,0
54,0	47,3	113,1	44 300	106 400*	53,3	116,9	32 400	98 000*	58,8	119,3	20 500	89 600*					54,0
56,0	44,9	111,1	41 000	101 400*	51,1	115,3	29 600	93 300*	56,7	118,0	18 200	85 200*					56,0
58,0	42,4	108,9	38 000	96 800*	48,9	113,5	27 000	89 000*	54,6	116,6	16 100	81 200*	59,9	118,3	5 200	73 500*	58,0
60,0	39,8	106,6	35 100	92 400*	46,5	111,7	24 500	84 900*	52,5	115,0	14 000	77 400*	57,8	117,0	3 600	70 000*	60,0
62,0	37,0	104,0	32 400	88 400*	44,1	109,6	22 300	81 100*	50,3	113,4	12 100	73 900*	55,8	115,7	2 100	66 700*	62,0
64,0	33,9	101,1	29 800	84 500*	41,5	107,4	20 100	77 500*	48,0	111,6	10 300	70 600*	53,7	114,2	700	63 600*	64,0
66,0	30,7	97,8	27 400	80 900*	38,8	104,9	18 100	74 200*	45,6	109,7	8 700	67 500*	51,5	112,7		60 800*	66,0
68,0	27,0	94,0	25 000	77 400*	35,9	102,2	16 100	71 000*	43,1	107,6	7 100	64 500*	49,2	110,9		58 100*	68,0
70,0	22,8	89,6	22 800	74 100*	32,9	99,2	14 200	68 000*	40,5	105,3	5 600	61 700*	46,9	109,1		55 500*	70,0
72,0	17,7	83,9	20 500	70 800*	29,5	95,8	12 500	65 100*	37,7	102,7	4 100	59 000*	44,5	107,1		53 000*	72,0
74,0	10,1	75,2	18 000	67 600*	25,7	91,8	10 700	62 300*	34,8	99,9	2 700	56 500*	42,0	104,9		50 700*	74,0
76,0					21,2	87,0	9 000	59 600*	31,6	96,7	1 400	54 100*	39,3	102,5		48 400*	76,0
80,0									24,0	88,9		49 500*	33,4	96,9		44 300*	80,0
84,0									12,7	76,2		45 000*	26,3	89,7		40 400*	84,0
88,0													16,6	79,0		36 700*	88,0

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

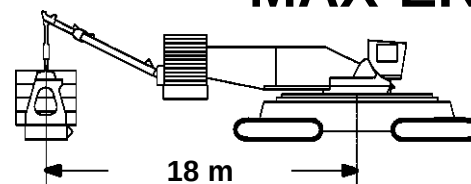
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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, 73,2 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
29,0	74,0	134,5	124 900	205 900*												29,0	
30,0	73,1	134,2	118 500	205 900*												30,0	
32,0	71,5	133,5	107 300	198 000*												32,0	
34,0	69,8	132,8	97 700	184 900*												34,0	
36,0	68,1	132,0	89 200	173 100*												36,0	
38,0	66,4	131,1	81 700	162 600*												38,0	
40,0	64,7	130,2	75 000	153 200*	69,2	131,8	57 900	141 800*								40,0	
42,0	62,9	129,1	69 000	144 600*	67,5	130,9	52 800	133 500*								42,0	
44,0	61,1	128,0	63 600	136 600*	65,8	130,0	48 200	125 900*								44,0	
46,0	59,3	126,9	58 600	129 200*	64,1	129,1	44 000	119 000*								46,0	
48,0	57,5	125,6	54 100	122 400*	62,3	128,0	40 200	112 600*								48,0	
50,0	55,6	124,2	50 000	116 200*	60,5	126,9	36 700	106 800*								50,0	
52,0	53,6	122,8	46 200	110 400*	58,7	125,7	33 500	101 400*	63,4	127,4	20 800	92 500*				52,0	
54,0	51,6	121,2	42 700	105 100*	56,8	124,4	30 500	96 500*	61,6	126,4	18 400	87 900*				54,0	
56,0	49,6	119,5	39 400	100 100*	54,9	123,0	27 700	91 800*	59,8	125,2	16 100	83 600*				56,0	
58,0	47,5	117,7	36 400	95 500*	53,0	121,5	25 200	87 500*	58,0	124,0	14 000	79 600*				58,0	
60,0	45,3	115,7	33 500	91 200*	50,9	119,9	22 700	83 500*	56,1	122,6	12 000	75 800*				60,0	
62,0	43,0	113,6	30 900	87 100*	48,9	118,1	20 500	79 700*	54,2	121,2	10 100	72 300*	59,0	123,0	65 000*	62,0	
64,0	40,6	111,3	28 400	83 300*	46,7	116,3	18 400	76 200*	52,2	119,7	8 300	69 000*	57,1	121,7	62 000*	64,0	
66,0	38,1	108,8	26 000	79 700*	44,5	114,3	16 400	72 800*	50,2	118,0	6 700	65 900*	55,2	120,3	59 100*	66,0	
68,0	35,4	106,0	23 800	76 300*	42,2	112,1	14 400	69 600*	48,1	116,2	5 200	63 000*	53,3	118,8	56 400*	68,0	
70,0	32,6	103,0	21 600	73 100*	39,8	109,7	12 700	66 600*	45,9	114,3	3 700	60 200*	51,3	117,2	53 800*	70,0	
72,0	29,5	99,6	19 600	70 000*	37,2	107,1	10 900	63 800*	43,6	112,2	2 300	57 600*	49,2	115,5	51 400*	72,0	
74,0	26,0	95,6	17 600	67 100*	34,5	104,3	9 300	61 100*	41,3	110,0	900	55 100*	47,1	113,7	49 100*	74,0	
76,0	22,0	90,9	15 700	64 300*	31,5	101,1	7 700	58 600*	38,8	107,5		52 700*	44,9	111,7	46 900*	76,0	
80,0					24,7	93,4	4 700	53 700*	33,4	101,9		48 300*	40,2	107,2	42 800*	80,0	
84,0					15,1	81,8	1 600	49 100*	27,0	94,8		44 200*	34,9	101,9	39 100*	84,0	
88,0									18,6	84,9		40 400*	28,9	95,2	35 700*	88,0	
92,0													21,3	86,4	32 400*	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).

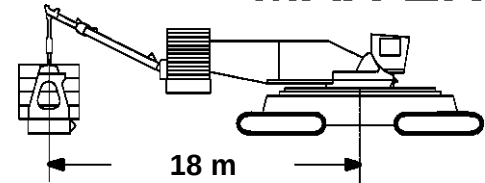
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
30,5	74,1	140,4	113 800	180 100*													30,5
32,0	73,0	139,9	105 600	180 100*													32,0
34,0	71,4	139,3	95 900	179 100*													34,0
36,0	69,9	138,5	87 400	172 200*													36,0
38,0	68,3	137,7	79 900	161 000*													38,0
40,0	66,8	136,9	73 200	151 500*													40,0
42,0	65,2	136,0	67 200	142 900*	69,4	137,5	50 600	131 700*									42,0
44,0	63,6	135,0	61 700	135 000*	67,8	136,7	46 000	124 000*									44,0
46,0	61,9	133,9	56 800	127 700*	66,2	135,8	41 800	117 100*									46,0
48,0	60,3	132,8	52 300	120 900*	64,6	134,9	38 000	110 800*									48,0
50,0	58,6	131,6	48 200	114 700*	63,0	133,9	34 500	105 000*									50,0
52,0	56,8	130,2	44 400	108 900*	61,4	132,8	31 300	99 700*									52,0
54,0	55,1	128,9	40 900	103 600*	59,7	131,6	28 300	94 700*	64,0	133,3	15 900	85 900*					54,0
56,0	53,3	127,4	37 700	98 700*	58,0	130,4	25 600	90 100*	62,4	132,2	13 600	81 600*					56,0
58,0	51,4	125,8	34 600	94 100*	56,2	129,0	23 000	85 800*	60,7	131,1	11 500	77 700*					58,0
60,0	49,5	124,1	31 800	89 700*	54,5	127,6	20 600	81 800*	59,0	129,9	9 500	73 900*					60,0
62,0	47,6	122,3	29 200	85 700*	52,7	126,1	18 400	78 000*	57,3	128,6	7 700	70 400*					62,0
64,0	45,6	120,3	26 700	81 900*	50,8	124,5	16 300	74 500*	55,6	127,3	6 000	67 100*	60,0	128,9	59 900*		64,0
66,0	43,5	118,3	24 400	78 300*	48,9	122,7	14 300	71 200*	53,8	125,8	4 400	64 100*	58,3	127,7	57 100*		66,0
68,0	41,3	116,0	22 200	75 000*	46,9	120,9	12 500	68 100*	51,9	124,3	2 900	61 200*	56,5	126,4	54 400*		68,0
70,0	39,0	113,6	20 100	71 800*	44,9	118,9	10 700	65 100*	50,1	122,6	1 400	58 400*	54,8	124,9	51 900*		70,0
72,0	36,6	110,9	18 100	68 800*	42,8	116,8	9 000	62 300*	48,1	120,8		55 900*	53,0	123,4	49 500*		72,0
74,0	34,1	108,1	16 200	65 900*	40,5	114,4	7 500	59 700*	46,1	118,9		53 400*	51,1	121,8	47 200*		74,0
76,0	31,4	104,8	14 400	63 200*	38,2	111,9	5 900	57 100*	44,1	116,9		51 100*	49,2	120,1	45 000*		76,0
80,0	25,1	97,2	10 900	58 100*	33,2	106,2	3 100	52 400*	39,7	112,3		46 700*	45,2	116,3	41 000*		80,0
84,0	16,7	86,3	7 600	53 300*	27,3	99,2		48 100*	34,8	106,9		42 700*	40,9	111,9	37 300*		84,0
88,0					19,9	89,7		44 000*	29,2	100,3		39 000*	36,2	106,8	34 000*		88,0
92,0									22,4	91,8		35 600*	30,9	100,6	30 900*		92,0
96,0									12,3	78,3		32 100*	24,5	92,7	27 900*		96,0
100,0													15,8	81,3	24 600*		100,0

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

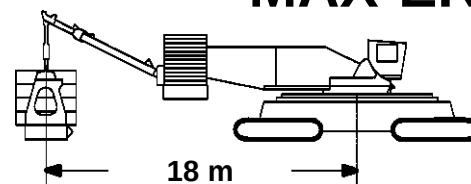
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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, 85,3 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	74,2	146,3	104 700	157 300*									32,0
34,0	72,8	145,7	95 000	157 300*									34,0
36,0	71,4	145,0	86 400	157 300*									36,0
38,0	70,0	144,3	78 700	157 300*									38,0
40,0	68,5	143,5	72 000	150 300*									40,0
42,0	67,1	142,7	65 900	141 500*									42,0
44,0	65,6	141,8	60 400	133 700*									44,0
46,0	64,1	140,8	55 500	126 300*	68,0	142,5	40 100	115 600*					46,0
48,0	62,6	139,8	50 900	119 600*	66,6	141,6	36 300	109 400*					48,0
50,0	61,1	138,7	46 800	113 300*	65,1	140,7	32 800	103 600*					50,0
52,0	59,5	137,5	43 000	107 600*	63,6	139,7	29 600	98 200*					52,0
54,0	57,9	136,2	39 500	102 300*	62,1	138,6	26 600	93 300*					54,0
56,0	56,3	134,9	36 200	97 400*	60,5	137,5	23 900	88 700*					56,0
58,0	54,7	133,5	33 200	92 800*	59,0	136,3	21 300	84 400*	63,0	138,1	9 500	76 100*	58,0
60,0	53,0	132,0	30 400	88 500*	57,4	135,0	18 900	80 400*	61,5	137,0	7 600	72 400*	60,0
62,0	51,3	130,4	27 700	84 500*	55,7	133,7	16 700	76 600*	59,9	135,8	5 800	68 900*	62,0
64,0	49,5	128,7	25 300	80 700*	54,1	132,2	14 600	73 100*	58,3	134,6	4 100	65 600*	64,0
66,0	47,7	126,9	23 000	77 200*	52,4	130,7	12 700	69 900*	56,7	133,3	2 500	62 600*	66,0
68,0	45,8	125,0	20 800	73 800*	50,7	129,1	10 800	66 700*	55,1	131,9	1 000	59 700*	68,0
70,0	43,9	122,9	18 700	70 600*	48,9	127,3	9 100	63 800*	53,4	130,4		57 000*	70,0
72,0	41,9	120,7	16 700	67 700*	47,1	125,5	7 400	61 000*	51,7	128,9		54 400*	72,0
74,0	39,8	118,3	14 900	64 800*	45,2	123,5	5 900	58 400*	50,0	127,2		52 000*	74,0
76,0	37,6	115,8	13 100	62 100*	43,2	121,4	4 400	55 900*	48,2	125,4		49 700*	76,0
80,0	32,9	110,0	9 800	57 100*	39,1	116,7	1 600	51 200*	44,4	121,5		45 300*	80,0
84,0	27,5	102,9	6 700	52 500*	34,5	111,2		47 000*	40,4	117,0		41 400*	84,0
88,0	20,7	93,7	3 800	48 300*	29,4	104,7		43 100*	36,0	111,8		37 800*	88,0
92,0					23,1	96,3		39 500*	31,0	105,6		34 500*	92,0
96,0					14,5	84,1		35 900*	25,2	97,9		31 400*	96,0
100,0									17,6	87,3		28 400*	100,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

Boom No. 80 With 140 ft Mast No. 81

208 060 kg Crane Counterweight

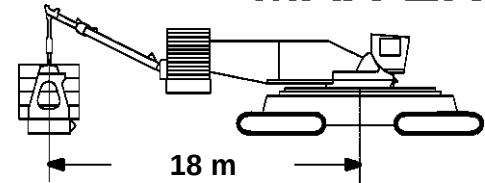
90 720 kg Carbody Counterweight

112 170 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	74,3	152,2	95 300	138 000*									33,5
34,0	74,0	152,1	93 200	138 000*									34,0
36,0	72,7	151,5	84 500	138 000*									36,0
38,0	71,4	150,8	76 900	138 000*									38,0
40,0	70,0	150,1	70 100	138 000*									40,0
42,0	68,7	149,3	64 000	137 500*									42,0
44,0	67,3	148,4	58 500	132 300*									44,0
46,0	65,9	147,6	53 500	124 700*	69,6	149,0	37 800	113 800*					46,0
48,0	64,6	146,6	49 000	118 000*	68,2	148,2	34 000	107 500*					48,0
50,0	63,2	145,6	44 900	111 800*	66,9	147,4	30 500	101 700*					50,0
52,0	61,7	144,5	41 100	106 000*	65,5	146,5	27 300	96 400*					52,0
54,0	60,3	143,4	37 600	100 700*	64,1	145,5	24 400	91 500*					54,0
56,0	58,8	142,2	34 300	95 800*	62,7	144,5	21 600	86 900*					56,0
58,0	57,3	140,9	31 300	91 200*	61,2	143,4	19 100	82 600*	64,9	144,9	7 000	74 100*	58,0
60,0	55,8	139,6	28 500	87 000*	59,8	142,2	16 700	78 600*	63,5	143,9	5 100	70 400*	60,0
62,0	54,3	138,1	25 900	82 900*	58,3	141,0	14 500	74 900*	62,1	142,8	3 300	67 000*	62,0
64,0	52,7	136,6	23 400	79 200*	56,8	139,7	12 400	71 400*	60,7	141,7	1 600	63 700*	64,0
66,0	51,1	135,0	21 100	75 700*	55,3	138,3	10 500	68 100*	59,2	140,5		60 700*	66,0
68,0	49,5	133,3	18 900	72 300*	53,8	136,9	8 700	65 000*	57,8	139,3		57 800*	68,0
70,0	47,8	131,5	16 900	69 200*	52,2	135,3	7 000	62 100*	56,2	137,9		55 100*	70,0
72,0	46,0	129,6	14 900	66 200*	50,6	133,7	5 300	59 400*	54,7	136,5		52 600*	72,0
74,0	44,3	127,6	13 100	63 400*	48,9	131,9	3 800	56 700*	53,2	135,0		50 100*	74,0
76,0	42,4	125,4	11 400	60 700*	47,2	130,1	2 300	54 300*	51,6	133,5		47 800*	76,0
80,0	38,5	120,6	8 100	55 800*	43,6	126,1		49 600*	48,2	130,0		43 600*	80,0
84,0	34,2	115,0	5 100	50 700*	39,8	121,5		45 500*	44,8	126,1		39 700*	84,0
88,0	29,4	108,4	2 300	44 900*	35,7	116,2		41 600*	41,0	121,7		36 200*	88,0
92,0	23,6	100,2		39 600*	31,0	110,0		38 100*	37,0	116,7		32 900*	92,0
96,0	16,0	88,6		35 100*	25,6	102,3		34 800*	32,5	110,8		29 900*	96,0
100,0					18,8	92,2		31 600*	27,4	103,7		27 100*	100,0

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

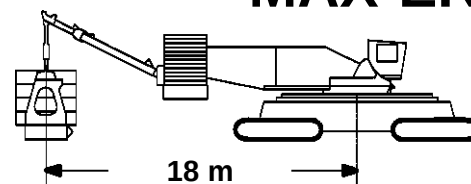
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8				c													19,8
20,0				c													20,0
22,0				c													22,0
24,0				c													24,0
26,0	62,7	102,6	151 700	256 100*b													26,0
28,0	59,1	101,4	136 900	236 500*b													28,0
30,0	55,3	100,0	124 400	219 600*b													30,0
32,0	51,3	98,4	113 400	204 600*	62,4	101,7	92 600	190 800*b									32,0
34,0	47,0	96,6	103 800	191 300*	58,8	100,5	84 500	178 500*b									34,0
36,0	42,5	94,5	95 300	179 400*	55,0	99,1	77 400	167 400*b									36,0
38,0	37,4	92,0	87 600	168 600*	51,0	97,5	71 000	157 400*	62,0	100,2	54 000	145 700*b					38,0
40,0	31,7	88,9	80 500	158 800*	46,7	95,6	65 200	148 200*	58,3	99,0	49 300	137 000*b					40,0
42,0	24,6	84,9	74 000	149 700*	42,1	93,5	59 900	139 700*	54,5	97,6	45 000	129 100*b					42,0
44,0	14,5	78,7	67 500	140 800*	37,0	90,9	55 100	131 900*	50,5	95,9	41 100	122 000*					44,0
46,0					31,2	87,8	50 500	124 600*	46,1	94,0	37 500	115 400*	57,6	96,9	24 100	105 900*b	46,0
48,0					24,0	83,7	46 100	117 900*	41,5	91,8	34 100	109 300*	53,7	95,4	21 500	100 300*b	48,0
50,0					13,3	77,2	41 500	111 200*	36,3	89,2	31 000	103 600*	49,6	93,8	19 100	95 100*	50,0
52,0									30,4	86,0	27 900	98 300*	45,3	91,8	16 800	90 300*	52,0
54,0									23,0	81,7	24 900	93 200*	40,5	89,5	14 600	85 900*	54,0
56,0									11,2	74,5	21 400	88 100*	35,2	86,8	12 500	81 600*	56,0
58,0													29,1	83,4	10 400	77 600*	58,0
60,0													21,2	78,8	8 200	73 700*	60,0

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

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

Liftcrane Luffing Jib Capacities

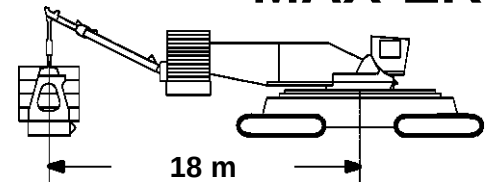
21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3				c													21,3
22,0				c													22,0
24,0				c													24,0
26,0	66,9	109,4	151 000	254 600*b													26,0
28,0	63,9	108,4	136 300	235 200*b													28,0
30,0	60,9	107,3	123 700	218 300*b													30,0
32,0	57,7	106,1	112 800	203 500*	66,7	108,5	91 000	189 100*b									32,0
34,0	54,4	104,7	103 200	190 200*	63,7	107,5	82 900	176 800*b									34,0
36,0	51,0	103,0	94 800	178 500*	60,6	106,4	75 900	165 800*b									36,0
38,0	47,3	101,2	87 300	167 900*	57,4	105,1	69 600	155 900*									38,0
40,0	43,5	99,2	80 500	158 200*	54,1	103,7	63 900	146 900*	63,3	106,0	47 100	135 200*b					40,0
42,0	39,3	96,8	74 400	149 500*	50,7	102,1	58 800	138 500*	60,2	104,9	42 900	127 400*b					42,0
44,0	34,7	94,0	68 700	141 200*	47,0	100,2	54 100	130 800*	57,0	103,6	39 200	120 300*					44,0
46,0	29,4	90,6	63 500	133 500*	43,2	98,2	49 800	123 800*	53,7	102,2	35 700	113 800*					46,0
48,0	23,0	86,3	58 500	126 400*	39,0	95,8	45 800	117 300*	50,2	100,5	32 500	107 800*					48,0
50,0	13,9	79,8	53 500	119 500*	34,3	92,9	42 100	111 300*	46,6	98,7	29 500	102 400*	56,4	101,5	16 800	93 300*	50,0
52,0					29,0	89,5	38 500	105 700*	42,7	96,5	26 700	97 200*	53,1	100,0	14 600	88 600*	52,0
54,0					22,5	85,1	35 100	100 400*	38,4	94,1	24 100	92 500*	49,5	98,3	12 600	84 200*	54,0
56,0					12,9	78,2	31 500	95 100*	33,7	91,2	21 600	88 000*	45,8	96,4	10 700	80 200*	56,0
58,0									28,2	87,7	19 200	83 800*	41,9	94,2	8 900	76 400*	58,0
60,0									21,5	83,1	16 800	79 700*	37,5	91,7	7 200	72 800*	60,0
62,0									11,1	75,6	13 900	75 500*	32,7	88,7	5 400	69 300*	62,0
64,0													27,1	85,1	3 800	66 100*	64,0
66,0													19,9	80,1	2 000	62 900*	66,0

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

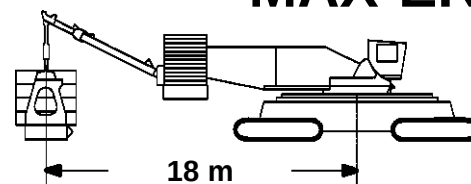
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9				c													22,9
24,0				c													24,0
26,0	70,0	116,0	150 300	253 500*b													26,0
28,0	67,4	115,2	135 500	234 100*b													28,0
30,0	64,8	114,2	122 900	217 300*b													30,0
32,0	62,2	113,2	112 100	202 500*	69,8	115,1	89 500	187 700*b									32,0
34,0	59,4	112,0	102 500	189 400*	67,2	114,3	81 600	175 400*b									34,0
36,0	56,6	110,7	94 200	177 600*	64,6	113,3	74 500	164 500*b									36,0
38,0	53,7	109,3	86 700	167 100*	62,0	112,3	68 300	154 700*									38,0
40,0	50,7	107,6	80 000	157 600*	59,2	111,1	62 700	145 800*									40,0
42,0	47,5	105,8	74 000	148 900*	56,4	109,8	57 600	137 500*									42,0
44,0	44,2	103,8	68 500	140 800*	53,5	108,3	53 100	129 900*	61,6	110,8	37 500	119 000*					44,0
46,0	40,6	101,5	63 500	133 300*	50,5	106,7	48 900	122 900*	58,9	109,6	34 100	112 500*					46,0
48,0	36,8	98,9	58 900	126 400*	47,3	104,9	45 000	116 600*	56,1	108,3	31 100	106 700*					48,0
50,0	32,5	95,9	54 600	120 000*	43,9	102,8	41 500	110 700*	53,1	106,8	28 200	101 200*					50,0
52,0	27,7	92,3	50 500	114 000*	40,4	100,5	38 200	105 200*	50,1	105,1	25 500	96 200*	58,3	107,5	12 900	87 200*	52,0
54,0	21,8	87,7	46 600	108 400*	36,5	97,9	35 100	100 100*	46,9	103,3	23 000	91 600*	55,5	106,2	10 900	82 900*	54,0
56,0	13,4	80,9	42 600	102 900*	32,2	94,8	32 100	95 400*	43,5	101,2	20 700	87 200*	52,5	104,6	9 200	78 900*	56,0
58,0					27,2	91,1	29 300	90 900*	39,9	98,9	18 500	83 100*	49,5	102,9	7 500	75 200*	58,0
60,0					21,2	86,4	26 500	86 600*	36,0	96,2	16 400	79 300*	46,2	101,1	5 900	71 700*	60,0
62,0					12,6	79,3	23 600	82 300*	31,6	93,1	14 400	75 600*	42,8	98,9	4 300	68 400*	62,0
64,0									26,6	89,3	12 400	72 200*	39,1	96,5	2 900	65 300*	64,0
66,0									20,4	84,4	10 400	68 800*	35,1	93,8	1 400	62 400*	66,0
68,0									11,0	76,6	8 000	65 300*	30,7	90,5		59 500*	68,0
70,0													25,5	86,6		56 800*	70,0
72,0													18,9	81,4		54 100*	72,0

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

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

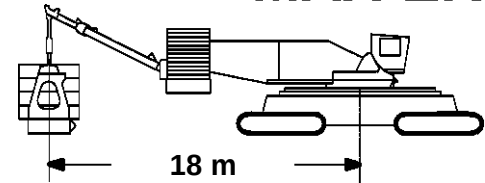
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	74,1	123,0	162 700	269 600* b													24,4
26,0	72,3	122,5	148 800	251 800* b													26,0
28,0	70,1	121,8	134 000	232 500* b													28,0
30,0	67,8	120,9	121 400	215 700* b													30,0
32,0	65,5	120,1	110 500	200 900*													32,0
34,0	63,2	119,0	101 000	187 800*													34,0
36,0	60,8	117,9	92 600	176 100*	67,6	120,1	72 400	162 700* b									36,0
38,0	58,3	116,7	85 300	165 600*	65,3	119,1	66 100	152 900*									38,0
40,0	55,8	115,3	78 600	156 100*	63,0	118,1	60 600	144 000*									40,0
42,0	53,2	113,9	72 600	147 600*	60,6	117,0	55 600	135 800*									42,0
44,0	50,5	112,2	67 200	139 600*	58,1	115,8	51 100	128 200*									44,0
46,0	47,7	110,4	62 300	132 100*	55,6	114,4	47 000	121 400*	62,7	116,7	31 700	110 500*					46,0
48,0	44,8	108,5	57 700	125 300*	53,0	112,9	43 200	115 000*	60,3	115,5	28 600	104 700*					48,0
50,0	41,7	106,2	53 600	119 000*	50,3	111,3	39 700	109 200*	57,8	114,3	25 800	99 400*					50,0
52,0	38,3	103,8	49 700	113 200*	47,5	109,5	36 500	103 800*	55,3	112,9	23 300	94 400*					52,0
54,0	34,7	101,0	46 000	107 700*	44,5	107,5	33 500	98 800*	52,7	111,4	20 900	89 800*					54,0
56,0	30,8	97,7	42 600	102 700*	41,4	105,2	30 700	94 200*	50,0	109,7	18 600	85 500*	57,3	112,2	6 600	76 900*	56,0
58,0	26,2	93,9	39 400	97 900*	38,1	102,7	28 100	89 800*	47,1	107,9	16 500	81 500*	54,8	110,8	5 000	73 300*	58,0
60,0	20,7	89,0	36 200	93 300*	34,4	99,9	25 600	85 700*	44,2	105,9	14 500	77 700*	52,2	109,2	3 400	69 800*	60,0
62,0	13,1	82,0	33 000	88 900*	30,4	96,6	23 200	81 800*	41,0	103,6	12 600	74 200*	49,4	107,5	2 000	66 600*	62,0
64,0					25,8	92,7	20 900	78 100*	37,6	101,1	10 800	70 900*	46,6	105,7	600	63 600*	64,0
66,0					20,3	87,8	18 600	74 600*	34,0	98,2	9 100	67 700*	43,6	103,6		60 700*	66,0
68,0					12,3	80,4	16 100	71 000*	29,9	94,8	7 500	64 700*	40,4	101,3		58 000*	68,0
70,0									25,2	90,8	5 800	61 800*	36,9	98,7		55 400*	70,0
72,0									19,4	85,7	4 100	59 000*	33,2	95,7		52 900*	72,0
74,0									10,9	77,7	2 100	56 100*	29,0	92,3		50 500*	74,0
76,0													24,2	88,1		48 200*	76,0

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

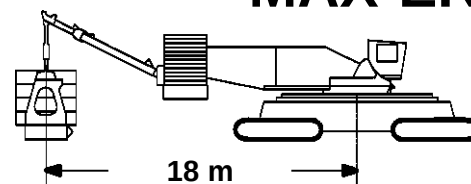
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	74,2	128,9	149 000	246 700*													25,9
26,0	74,1	128,9	148 300	246 100*													26,0
28,0	72,1	128,2	133 300	231 700*													28,0
30,0	70,1	127,5	120 600	214 300*													30,0
32,0	68,1	126,7	109 600	199 600*													32,0
34,0	66,1	125,8	100 100	186 600*													34,0
36,0	64,0	124,9	91 700	174 900*													36,0
38,0	61,8	123,8	84 300	164 400*	68,0	125,8	64 700	151 400*									38,0
40,0	59,7	122,6	77 600	155 000*	65,9	124,9	59 100	142 500*									40,0
42,0	57,4	121,4	71 600	146 400*	63,8	124,0	54 100	134 400*									42,0
44,0	55,2	120,0	66 200	138 500*	61,7	122,9	49 600	126 900*									44,0
46,0	52,8	118,5	61 300	131 100*	59,5	121,7	45 500	120 000*									46,0
48,0	50,4	116,8	56 800	124 300*	57,3	120,4	41 800	113 800*	63,5	122,5	26 800	103 200*					48,0
50,0	47,8	115,1	52 600	118 100*	55,0	119,0	38 300	108 000*	61,4	121,4	24 000	97 900*					50,0
52,0	45,2	113,1	48 800	112 300*	52,6	117,5	35 100	102 600*	59,2	120,2	21 500	93 000*					52,0
54,0	42,4	110,9	45 300	107 000*	50,2	115,9	32 200	97 700*	57,0	118,9	19 200	88 400*					54,0
56,0	39,5	108,6	42 000	102 000*	47,6	114,1	29 400	93 100*	54,7	117,5	16 900	84 200*					56,0
58,0	36,4	105,9	38 900	97 300*	45,0	112,1	26 900	88 800*	52,3	116,0	14 900	80 200*	58,8	118,1	3 000	71 700*	58,0
60,0	33,0	102,9	35 900	92 900*	42,2	109,9	24 500	84 700*	49,9	114,3	12 900	76 500*	56,5	116,8	1 500	68 300*	60,0
62,0	29,3	99,5	33 200	88 800*	39,3	107,5	22 200	80 900*	47,3	112,5	11 100	73 000*	54,2	115,4		65 100*	62,0
64,0	25,0	95,4	30 500	84 800*	36,2	104,8	20 100	77 400*	44,7	110,5	9 400	69 700*	51,8	113,8		62 100*	64,0
66,0	19,9	90,3	27 900	81 100*	32,7	101,8	18 000	74 000*	41,9	108,3	7 800	66 600*	49,4	112,1		59 300*	66,0
68,0	12,8	83,1	25 200	77 400*	29,0	98,3	16 000	70 800*	38,9	105,9	6 300	63 700*	46,8	110,3		56 700*	68,0
70,0					24,7	94,2	14 100	67 700*	35,7	103,2	4 700	61 000*	44,1	108,2		54 100*	70,0
72,0					19,4	89,0	12 100	64 700*	32,3	100,1	3 300	58 300*	41,3	106,0		51 800*	72,0
74,0					12,1	81,5	10 100	61 700*	28,5	96,5	1 900	55 800*	38,3	103,5		49 500*	74,0
76,0									24,1	92,3	500	53 300*	35,1	100,8		47 300*	76,0
80,0													27,7	93,9		43 100*	80,0
84,0													17,4	83,8		39 200*	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 140 ft Mast No. 81

208 060 kg Crane Counterweight

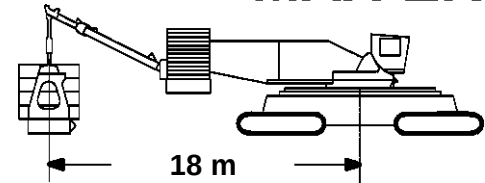
90 720 kg Carbody Counterweight

112 170 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
27,4	74,3	134,8	135 600	216 400*b													27,4
28,0	73,8	134,7	131 800	216 400*b													28,0
30,0	72,0	134,0	118 800	211 200*													30,0
32,0	70,2	133,3	107 900	197 900*													32,0
34,0	68,4	132,5	98 300	184 800*													34,0
36,0	66,5	131,6	89 900	173 200*													36,0
38,0	64,6	130,7	82 500	162 800*													38,0
40,0	62,7	129,7	75 800	153 300*	68,2	131,6	56 800	140 600*									40,0
42,0	60,7	128,5	69 900	144 800*	66,4	130,7	51 800	132 500*									42,0
44,0	58,7	127,3	64 500	137 000*	64,5	129,8	47 400	125 000*									44,0
46,0	56,7	126,0	59 600	129 600*	62,5	128,7	43 300	118 200*									46,0
48,0	54,6	124,6	55 100	122 900*	60,6	127,6	39 600	112 000*									48,0
50,0	52,5	123,1	51 000	116 700*	58,6	126,4	36 200	106 200*									50,0
52,0	50,2	121,4	47 200	110 900*	56,5	125,1	33 000	100 900*	62,3	127,3	18 900	91 000*					52,0
54,0	48,0	119,7	43 700	105 600*	54,4	123,7	30 100	96 000*	60,3	126,1	16 600	86 400*					54,0
56,0	45,6	117,7	40 400	100 700*	52,3	122,1	27 400	91 400*	58,3	124,9	14 500	82 200*					56,0
58,0	43,1	115,6	37 400	96 000*	50,1	120,5	24 900	87 100*	56,3	123,6	12 500	78 300*					58,0
60,0	40,5	113,3	34 500	91 700*	47,8	118,7	22 600	83 200*	54,2	122,1	10 600	74 600*					60,0
62,0	37,7	110,8	31 800	87 600*	45,4	116,7	20 300	79 400*	52,0	120,6	8 800	71 200*	57,9	122,8	63 100*		62,0
64,0	34,8	107,9	29 300	83 800*	42,9	114,6	18 200	75 900*	49,8	118,9	7 200	68 000*	55,9	121,5	60 100*		64,0
66,0	31,6	104,8	26 900	80 200*	40,3	112,3	16 300	72 600*	47,5	117,1	5 600	64 900*	53,8	120,0	57 300*		66,0
68,0	28,0	101,2	24 600	76 800*	37,5	109,7	14 400	69 400*	45,1	115,1	4 100	62 000*	51,6	118,4	54 700*		68,0
70,0	24,0	96,9	22 400	73 500*	34,5	106,9	12 600	66 500*	42,6	113,0	2 700	59 300*	49,3	116,7	52 200*		70,0
72,0	19,2	91,6	20 100	70 300*	31,3	103,7	10 900	63 600*	39,9	110,6	1 300	56 800*	47,0	114,9	49 900*		72,0
74,0	12,6	84,2	17 900	67 200*	27,7	100,0	9 200	60 900*	37,1	108,0		54 300*	44,6	112,9	47 600*		74,0
76,0					23,7	95,7	7 600	58 300*	34,1	105,2		51 900*	42,1	110,7	45 500*		76,0
80,0									27,3	98,2		47 500*	36,6	105,7	41 500*		80,0
84,0									18,0	88,2		43 300*	30,2	99,4	37 900*		84,0
88,0													22,2	90,9	34 400*		88,0

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

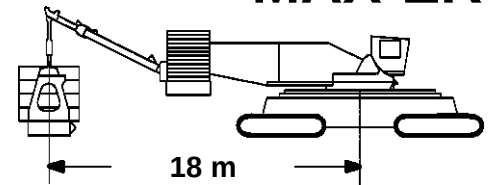
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29,0	74,4	140,7	123 700	191 000*												29,0
30,0	73,6	140,4	117 400	191 000*												30,0
32,0	71,9	139,8	106 300	191 000*												32,0
34,0	70,3	139,1	96 700	183 900*												34,0
36,0	68,6	138,3	88 300	171 700*												36,0
38,0	66,9	137,4	80 800	161 200*												38,0
40,0	65,1	136,5	74 100	151 800*												40,0
42,0	63,4	135,5	68 200	143 300*	68,4	137,4	49 800	130 900*								42,0
44,0	61,6	134,4	62 800	135 500*	66,7	136,5	45 400	123 400*								44,0
46,0	59,8	133,3	57 900	128 200*	65,0	135,6	41 300	116 600*								46,0
48,0	58,0	132,0	53 400	121 500*	63,3	134,6	37 600	110 400*								48,0
50,0	56,1	130,7	49 300	115 300*	61,5	133,5	34 200	104 600*								50,0
52,0	54,1	129,2	45 500	109 500*	59,7	132,3	31 100	99 400*	64,8	134,1	16 700	89 200*				52,0
54,0	52,2	127,7	42 100	104 200*	57,8	131,1	28 200	94 400*	63,0	133,1	14 400	84 700*				54,0
56,0	50,1	126,0	38 800	99 300*	55,9	129,7	25 500	89 900*	61,3	132,0	12 300	80 500*				56,0
58,0	48,0	124,3	35 800	94 700*	54,0	128,3	23 000	85 600*	59,4	130,8	10 300	76 600*				58,0
60,0	45,9	122,3	33 000	90 400*	52,0	126,7	20 700	81 700*	57,6	129,6	8 500	73 000*				60,0
62,0	43,6	120,3	30 300	86 400*	50,0	125,1	18 500	78 000*	55,7	128,2	6 700	69 600*				62,0
64,0	41,3	118,0	27 900	82 600*	47,9	123,3	16 500	74 400*	53,8	126,8	5 100	66 400*	59,1	128,8	58 300*	64,0
66,0	38,8	115,6	25 500	79 000*	45,7	121,3	14 500	71 200*	51,8	125,2	3 500	63 400*	57,2	127,5	55 600*	66,0
68,0	36,2	112,9	23 300	75 700*	43,4	119,3	12 700	68 100*	49,7	123,5	2 100	60 500*	55,3	126,1	53 000*	68,0
70,0	33,3	109,9	21 200	72 500*	41,1	117,0	11 000	65 100*	47,6	121,7	700	57 800*	53,4	124,6	50 600*	70,0
72,0	30,3	106,6	19 100	69 400*	38,6	114,5	9 300	62 400*	45,4	119,8		55 200*	51,4	123,1	48 200*	72,0
74,0	27,0	102,8	17 200	66 500*	35,9	111,8	7 700	59 700*	43,1	117,7		52 800*	49,3	121,3	46 000*	74,0
76,0	23,1	98,3	15 300	63 700*	33,1	108,8	6 200	57 200*	40,8	115,4		50 500*	47,2	119,5	43 900*	76,0
80,0					26,7	101,6	3 300	52 400*	35,6	110,1		46 300*	42,7	115,4	40 000*	80,0
84,0					18,2	91,6		48 000*	29,7	103,7		42 300*	37,8	110,5	36 400*	84,0
88,0									22,3	95,2		38 600*	32,2	104,6	33 100*	88,0
92,0													25,5	97,1	30 000*	92,0
96,0													16,4	86,2	26 900*	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 140 ft Mast No. 81

208 060 kg Crane Counterweight

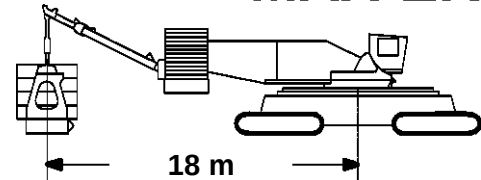
90 720 kg Carbody Counterweight

112 170 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				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	74,5	146,6	112 700	168 100*									30,5
32,0	73,4	146,2	104 500	168 100*									32,0
34,0	71,8	145,5	94 900	168 100*									34,0
36,0	70,3	144,8	86 400	167 300*									36,0
38,0	68,8	144,0	79 000	159 700*									38,0
40,0	67,2	143,2	72 300	150 200*									40,0
42,0	65,6	142,3	66 300	141 600*									42,0
44,0	64,0	141,3	60 900	133 800*	68,6	143,1	43 000	121 500*					44,0
46,0	62,4	140,3	56 000	126 600*	67,1	142,3	39 000	114 700*					46,0
48,0	60,7	139,1	51 600	119 900*	65,5	141,4	35 300	108 500*					48,0
50,0	59,0	138,0	47 500	113 700*	63,9	140,4	31 900	102 800*					50,0
52,0	57,3	136,7	43 700	108 000*	62,2	139,4	28 800	97 500*					52,0
54,0	55,6	135,3	40 200	102 700*	60,6	138,2	25 900	92 600*					54,0
56,0	53,8	133,9	37 000	97 800*	58,9	137,0	23 300	88 100*	63,7	138,9	9 700	78 500*	56,0
58,0	51,9	132,3	34 000	93 200*	57,2	135,8	20 800	83 900*	62,0	137,9	7 800	74 600*	58,0
60,0	50,0	130,6	31 200	88 900*	55,4	134,4	18 500	80 000*	60,4	136,8	5 900	71 000*	60,0
62,0	48,1	128,9	28 600	84 900*	53,6	132,9	16 400	76 200*	58,7	135,5	4 200	67 600*	62,0
64,0	46,1	126,9	26 100	81 200*	51,8	131,3	14 300	72 800*	56,9	134,2	2 600	64 500*	64,0
66,0	44,0	124,9	23 800	77 600*	49,9	129,7	12 400	69 500*	55,2	132,9	1 100	61 500*	66,0
68,0	41,9	122,7	21 700	74 300*	48,0	127,9	10 600	66 500*	53,4	131,4		58 600*	68,0
70,0	39,6	120,3	19 600	71 100*	46,0	126,0	9 000	63 600*	51,6	129,8		56 000*	70,0
72,0	37,3	117,7	17 600	68 200*	43,9	123,9	7 300	60 800*	49,7	128,1		53 500*	72,0
74,0	34,8	114,9	15 700	65 300*	41,7	121,7	5 800	58 200*	47,7	126,3		51 100*	74,0
76,0	32,1	111,8	13 900	62 600*	39,5	119,3	4 400	55 700*	45,7	124,4		48 800*	76,0
80,0	26,0	104,4	10 500	57 500*	34,6	113,8	1 600	51 100*	41,4	120,1		44 600*	80,0
84,0	18,0	94,1	7 200	52 800*	29,0	107,2		46 800*	36,8	115,0		40 700*	84,0
88,0					22,1	98,5		42 900*	31,5	109,0		37 200*	88,0
92,0									25,3	101,3		33 800*	92,0
96,0									17,0	90,6		30 600*	96,0

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

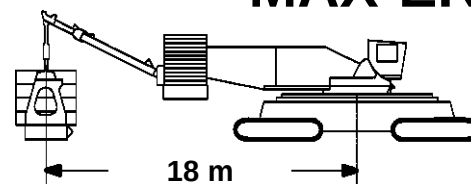
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				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	74,6	152,5	103 600	147 500*									32,0
34,0	73,2	151,9	93 900	147 500*									34,0
36,0	71,8	151,3	85 400	147 500*									36,0
38,0	70,3	150,6	77 800	147 500*									38,0
40,0	68,9	149,8	71 000	146 600*									40,0
42,0	67,4	149,0	65 000	140 600*									42,0
44,0	66,0	148,1	59 600	132 400*									44,0
46,0	64,5	147,1	54 700	125 300*	68,8	148,9	37 300	113 200*					46,0
48,0	63,0	146,1	50 100	118 500*	67,3	148,1	33 600	107 000*					48,0
50,0	61,5	145,0	46 100	112 400*	65,9	147,2	30 200	101 300*					50,0
52,0	59,9	143,9	42 300	106 700*	64,4	146,2	27 100	96 100*					52,0
54,0	58,3	142,6	38 800	101 400*	62,9	145,2	24 200	91 200*					54,0
56,0	56,7	141,3	35 600	96 500*	61,3	144,1	21 500	86 600*					56,0
58,0	55,1	139,9	32 500	91 900*	59,8	142,9	19 100	82 500*	64,2	144,8	5 700	73 000*	58,0
60,0	53,4	138,5	29 800	87 700*	58,2	141,7	16 800	78 500*	62,7	143,7	3 900	69 400*	60,0
62,0	51,7	136,9	27 100	83 700*	56,6	140,4	14 600	74 800*	61,1	142,6	2 200	66 000*	62,0
64,0	50,0	135,2	24 700	79 900*	55,0	139,0	12 600	71 400*	59,6	141,5	600	62 900*	64,0
66,0	48,2	133,5	22 400	76 400*	53,3	137,5	10 700	68 100*	58,0	140,2		59 900*	66,0
68,0	46,3	131,6	20 200	73 100*	51,6	135,9	9 000	65 100*	56,4	138,9		57 100*	68,0
70,0	44,4	129,6	18 200	70 000*	49,8	134,3	7 200	62 200*	54,8	137,5		54 500*	70,0
72,0	42,4	127,4	16 200	67 000*	48,0	132,5	5 700	59 500*	53,1	136,0		52 000*	72,0
74,0	40,4	125,1	14 400	64 200*	46,2	130,6	4 200	56 900*	51,4	134,4		49 600*	74,0
76,0	38,2	122,6	12 600	61 500*	44,3	128,6	2 700	54 400*	49,6	132,7		47 300*	76,0
80,0	33,6	116,9	9 400	56 500*	40,2	124,0		49 800*	45,9	129,0		43 200*	80,0
84,0	28,2	110,0	6 300	52 000*	35,8	118,8		45 700*	42,0	124,8		39 400*	84,0
88,0	21,7	101,2	3 400	47 700*	30,8	112,5		41 900*	37,8	119,9		35 900*	88,0
92,0					24,9	104,8		38 300*	33,1	114,1		32 700*	92,0
96,0					17,2	94,0		34 900*	27,6	107,1		29 700*	96,0
100,0									20,9	97,9		26 800*	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 140 ft Mast No. 81

208 060 kg Crane Counterweight

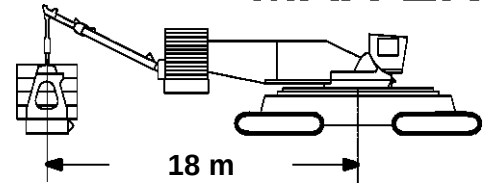
90 720 kg Carbody Counterweight

112 170 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	74,6	158,4	94 200	130 000*									33,5
34,0	74,3	158,3	92 100	130 000*									34,0
36,0	73,0	157,7	83 400	130 000*									36,0
38,0	71,7	157,0	75 900	130 000*									38,0
40,0	70,4	156,3	69 100	130 000*									40,0
42,0	69,0	155,6	63 100	130 000*									42,0
44,0	67,7	154,7	57 600	130 000*									44,0
46,0	66,3	153,9	52 700	123 600*									46,0
48,0	64,9	152,9	48 200	116 900*	68,9	154,7	31 200	105 100*					48,0
50,0	63,5	151,9	44 100	110 800*	67,6	153,9	27 800	99 400*					50,0
52,0	62,1	150,9	40 300	105 100*	66,2	153,0	24 700	94 200*					52,0
54,0	60,7	149,8	36 800	99 800*	64,8	152,0	21 900	89 300*					54,0
56,0	59,2	148,6	33 600	94 900*	63,4	151,0	19 200	84 800*					56,0
58,0	57,7	147,3	30 600	90 400*	62,0	150,0	16 800	80 600*					58,0
60,0	56,2	146,0	27 800	86 100*	60,6	148,8	14 500	76 700*	64,6	150,6	1 300	67 400*	60,0
62,0	54,7	144,6	25 200	82 200*	59,1	147,6	12 400	73 100*	63,2	149,6		64 000*	62,0
64,0	53,1	143,1	22 800	78 400*	57,6	146,4	10 400	69 600*	61,8	148,5		60 900*	64,0
66,0	51,5	141,5	20 500	74 900*	56,1	145,1	8 500	66 400*	60,4	147,4		58 000*	66,0
68,0	49,9	139,8	18 300	71 600*	54,6	143,6	6 800	63 400*	58,9	146,2		55 200*	68,0
70,0	48,2	138,1	16 300	68 500*	53,0	142,1	5 100	60 500*	57,4	144,9		52 600*	70,0
72,0	46,5	136,2	14 400	65 500*	51,4	140,6	3 500	57 800*	55,9	143,5		50 100*	72,0
74,0	44,7	134,2	12 600	62 700*	49,8	138,9	2 000	55 200*	54,4	142,1		47 700*	74,0
76,0	42,9	132,1	10 800	60 100*	48,1	137,1	600	52 800*	52,8	140,6		45 500*	76,0
80,0	39,0	127,3	7 600	55 100*	44,6	133,2		48 300*	49,6	137,3		41 400*	80,0
84,0	34,8	121,9	4 700	50 600*	40,9	128,8		44 100*	46,2	133,6		37 600*	84,0
88,0	30,0	115,4	1 900	45 600*	36,8	123,7		40 400*	42,5	129,4		34 200*	88,0
92,0	24,4	107,4		40 200*	32,3	117,7		36 900*	38,6	124,7		31 000*	92,0
96,0	17,2	96,6		35 700*	27,2	110,5		33 600*	34,3	119,1		28 100*	96,0
100,0					20,8	101,3		30 600*	29,5	112,5		25 100*	100,0

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

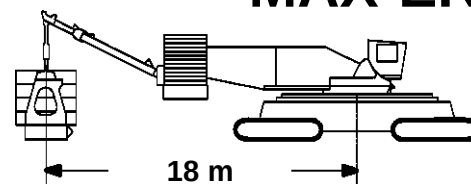
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8				c													19,8
20,0				c													20,0
22,0				c													22,0
24,0				c													24,0
26,0	63,7	108,9	150 700	254 400*b													26,0
28,0	60,1	107,8	136 000	234 900*b													28,0
30,0	56,3	106,5	123 400	218 100*b													30,0
32,0	52,4	105,0	112 600	203 200*b	64,3	108,2	89 300	187 800*b									32,0
34,0	48,2	103,2	103 000	190 000*	60,7	107,1	81 400	175 600*b									34,0
36,0	43,7	101,2	94 500	178 200*	57,0	105,8	74 500	164 700*b									36,0
38,0	38,8	98,8	86 900	167 500*	53,1	104,4	68 200	154 900*b									38,0
40,0	33,3	95,8	80 000	157 800*	49,0	102,7	62 600	145 900*	61,2	105,8	44 700	133 300*b					40,0
42,0	26,7	92,1	73 500	148 800*	44,6	100,7	57 500	137 500*	57,5	104,6	40 700	125 700*b					42,0
44,0	17,8	86,8	67 300	140 200*	39,8	98,3	52 800	129 800*	53,7	103,1	37 100	118 700*b					44,0
46,0					34,4	95,5	48 500	122 800*	49,6	101,4	33 700	112 300*					46,0
48,0					28,0	92,0	44 300	116 200*	45,2	99,5	30 500	106 400*	57,8	102,7	16 300	96 200*b	48,0
50,0					19,8	87,1	40 200	109 900*	40,4	97,2	27 600	100 900*	53,9	101,2	14 100	91 300*b	50,0
52,0									35,1	94,5	24 800	95 700*	49,8	99,6	12 100	86 600*	52,0
54,0									29,0	91,1	22 100	90 900*	45,5	97,6	10 200	82 400*	54,0
56,0									21,1	86,5	19 300	86 200*	40,7	95,4	8 300	78 300*	56,0
58,0													35,5	92,7	6 500	74 500*	58,0
60,0													29,4	89,3	4 700	70 900*	60,0
62,0													21,6	84,8	2 800	67 300*	62,0
64,0													7,8	76,2	300	63 500*	64,0

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

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

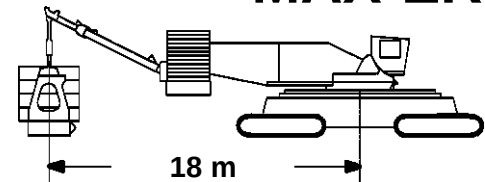
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3				c													21,3
22,0				c													22,0
24,0				c													24,0
26,0	67,7	115,7	149 900	252 900*b													26,0
28,0	64,7	114,8	135 200	233 600*b													28,0
30,0	61,7	113,7	122 700	216 700*b													30,0
32,0	58,5	112,5	111 800	202 000*b	68,2	115,0	87 400	185 900*b									32,0
34,0	55,3	111,1	102 400	188 900*	65,3	114,1	79 600	173 800*b									34,0
36,0	51,9	109,6	94 000	177 200*	62,3	113,0	72 800	163 000*b									36,0
38,0	48,3	107,8	86 500	166 600*	59,1	111,8	66 600	153 300*b									38,0
40,0	44,5	105,8	79 800	157 100*	55,9	110,5	61 100	144 500*									40,0
42,0	40,4	103,5	73 700	148 400*	52,5	109,0	56 200	136 200*	62,7	111,7	38 500	123 800*b					42,0
44,0	36,0	100,8	68 100	140 300*	49,0	107,2	51 700	128 700*	59,6	110,5	34 900	116 900*b					44,0
46,0	30,9	97,7	62 900	132 700*	45,2	105,3	47 500	121 800*	56,3	109,2	31 700	110 500*					46,0
48,0	24,9	93,7	58 000	125 600*	41,2	103,1	43 700	115 400*	53,0	107,7	28 600	104 800*					48,0
50,0	16,8	88,0	53 200	118 900*	36,8	100,5	40 100	109 500*	49,5	106,0	25 900	99 400*					50,0
52,0					31,9	97,4	36 700	104 000*	45,8	104,1	23 300	94 400*	56,5	107,3	9 700	84 700*	52,0
54,0					26,1	93,6	33 400	98 800*	41,8	101,9	20 800	89 800*	53,2	105,8	7 900	80 600*	54,0
56,0					18,6	88,4	30 200	93 800*	37,4	99,4	18 500	85 500*	49,7	104,2	6 200	76 600*	56,0
58,0									32,6	96,4	16 300	81 400*	46,0	102,2	4 600	73 000*	58,0
60,0									27,0	92,7	14 100	77 500*	42,0	100,1	3 100	69 500*	60,0
62,0									19,8	87,8	11 900	73 700*	37,7	97,6	1 600	66 300*	62,0
64,0									6,8	78,3	9 000	69 600*	32,9	94,6	100	63 200*	64,0
66,0													27,3	90,9		60 200*	66,0
68,0													20,3	86,1		57 200*	68,0
70,0													8,2	77,4		54 100*	70,0

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

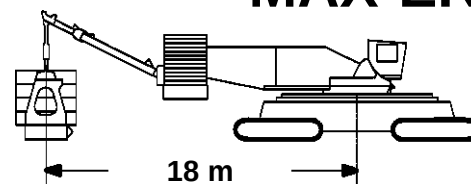
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9				c													22,9
24,0				c													24,0
26,0	70,6	122,3	149 100	251 700*b													26,0
28,0	68,1	121,5	134 300	232 400*b													28,0
30,0	65,5	120,6	121 800	215 700*b													30,0
32,0	62,9	119,6	111 100	201 000*b													32,0
34,0	60,2	118,4	101 600	187 900*	68,6	120,7	78 200	172 500*b									34,0
36,0	57,4	117,2	93 300	176 300*	66,0	119,8	71 300	161 700*b									36,0
38,0	54,5	115,7	85 900	165 800*	63,4	118,8	65 300	152 000*b									38,0
40,0	51,5	114,2	79 200	156 400*	60,7	117,7	59 800	143 300*									40,0
42,0	48,4	112,4	73 300	147 800*	57,9	116,5	54 900	135 100*									42,0
44,0	45,1	110,4	67 800	139 800*	55,1	115,1	50 500	127 700*									44,0
46,0	41,6	108,2	62 800	132 400*	52,1	113,6	46 500	120 800*	61,1	116,4	30 000	109 200*					46,0
48,0	37,8	105,7	58 200	125 500*	49,0	111,8	42 800	114 600*	58,3	115,2	27 100	103 500*					48,0
50,0	33,7	102,8	54 000	119 200*	45,7	109,9	39 300	108 800*	55,4	113,8	24 400	98 200*					50,0
52,0	29,0	99,4	49 900	113 300*	42,3	107,8	36 100	103 400*	52,5	112,3	21 900	93 300*					52,0
54,0	23,5	95,1	46 100	107 700*	38,6	105,3	33 100	98 400*	49,4	110,6	19 600	88 800*	58,5	113,3	6 100	79 100*	54,0
56,0	16,1	89,2	42 300	102 300*	34,5	102,5	30 300	93 700*	46,2	108,8	17 400	84 500*	55,6	111,9	4 500	75 300*	56,0
58,0					29,9	99,2	27 500	89 300*	42,8	106,6	15 400	80 600*	52,7	110,4	3 000	71 700*	58,0
60,0					24,6	95,1	24 900	85 200*	39,1	104,2	13 400	76 800*	49,6	108,8	1 600	68 300*	60,0
62,0					17,7	89,6	22 300	81 100*	35,1	101,4	11 500	73 300*	46,4	106,9		65 200*	62,0
64,0					2,6	76,9	18 800	76 600*	30,6	98,2	9 700	70 000*	43,0	104,8		62 200*	64,0
66,0									25,4	94,2	7 900	66 700*	39,3	102,4		59 400*	66,0
68,0									18,8	89,0	6 000	63 600*	35,3	99,6		56 700*	68,0
70,0									7,4	79,5	3 700	60 200*	30,9	96,4		54 100*	70,0
72,0													25,7	92,5		51 600*	72,0
74,0													19,2	87,4		49 100*	74,0
76,0													8,6	78,5		46 400*	76,0

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

Boom No. 80 With 140 ft Mast No. 81

208 060 kg Crane Counterweight

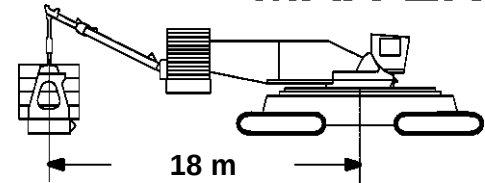
90 720 kg Carbody Counterweight

112 170 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24,4				c												24,4
26,0	72,9	128,7	148 200	249 900*b												26,0
28,0	70,7	128,0	133 300	230 700*b												28,0
30,0	68,4	127,2	120 700	214 000*b												30,0
32,0	66,1	126,4	109 800	199 300*b												32,0
34,0	63,8	125,4	100 300	186 300*												34,0
36,0	61,4	124,3	92 000	174 700*	68,8	126,5	69 300	159 800*b								36,0
38,0	59,0	123,1	84 600	164 300*	66,6	125,6	63 200	150 100*b								38,0
40,0	56,5	121,8	77 900	154 900*	64,2	124,7	57 800	141 400*								40,0
42,0	53,9	120,3	72 000	146 400*	61,9	123,6	53 000	133 300*								42,0
44,0	51,2	118,8	66 600	138 500*	59,4	122,4	48 500	125 900*								44,0
46,0	48,5	117,0	61 700	131 200*	57,0	121,2	44 500	119 100*	64,5	123,4	27 400	107 100*				46,0
48,0	45,6	115,1	57 200	124 400*	54,4	119,7	40 900	112 900*	62,2	122,3	24 600	101 500*				48,0
50,0	42,5	112,9	53 000	118 200*	51,8	118,2	37 500	107 200*	59,8	121,2	21 900	96 200*				50,0
52,0	39,2	110,5	49 100	112 300*	49,0	116,4	34 400	101 900*	57,3	119,9	19 600	91 400*				52,0
54,0	35,7	107,8	45 500	107 000*	46,1	114,6	31 400	97 000*	54,7	118,5	17 300	86 900*				54,0
56,0	31,9	104,7	42 100	101 900*	43,1	112,4	28 700	92 400*	52,1	116,9	15 200	82 700*				56,0
58,0	27,5	101,0	38 900	97 200*	39,9	110,1	26 200	88 100*	49,4	115,2	13 200	78 800*	57,4	118,0	69 600*	58,0
60,0	22,3	96,5	35 800	92 700*	36,4	107,4	23 800	84 100*	46,5	113,4	11 400	75 200*	54,9	116,6	66 300*	60,0
62,0	15,5	90,3	32 700	88 300*	32,6	104,4	21 500	80 300*	43,5	111,3	9 600	71 800*	52,3	115,0	63 200*	62,0
64,0					28,4	100,9	19 300	76 700*	40,3	109,0	7 900	68 500*	49,5	113,3	60 300*	64,0
66,0					23,4	96,6	17 100	73 200*	36,9	106,4	6 300	65 500*	46,7	111,5	57 600*	66,0
68,0					17,0	90,8	14 900	69 800*	33,1	103,4	4 800	62 500*	43,7	109,4	54 900*	68,0
70,0					4,7	79,2	11 900	66 100*	29,0	99,9	3 300	59 800*	40,5	107,1	52 500*	70,0
72,0									24,1	95,7	1 800	57 100*	37,1	104,5	50 100*	72,0
74,0									18,0	90,2		54 400*	33,4	101,6	47 900*	74,0
76,0									7,8	80,7		51 600*	29,2	98,2	45 700*	76,0
80,0													18,4	88,6	41 400*	80,0

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

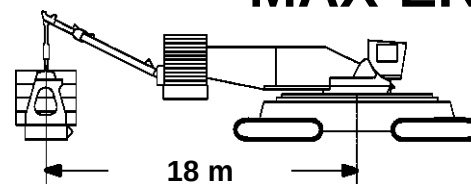
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 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, 61,0 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
25,9	74,7	135,1	147 700	225 100*b												25,9	
26,0	74,6	135,1	147 000	225 100*b												26,0	
28,0	72,7	134,5	132 000	223 600*b												28,0	
30,0	70,7	133,8	119 400	213 700*b												30,0	
32,0	68,7	133,0	108 500	198 000*												32,0	
34,0	66,6	132,2	99 000	185 000*												34,0	
36,0	64,5	131,2	90 700	173 500*												36,0	
38,0	62,4	130,2	83 300	163 100*												38,0	
40,0	60,2	129,0	76 700	153 700*	67,0	131,4	56 000	139 900*								40,0	
42,0	58,0	127,8	70 800	145 200*	64,9	130,5	51 200	131 900*								42,0	
44,0	55,8	126,4	65 400	137 400*	62,8	129,5	46 900	124 500*								44,0	
46,0	53,4	125,0	60 500	130 100*	60,7	128,4	42 900	117 800*								46,0	
48,0	51,0	123,4	56 000	123 400*	58,4	127,1	39 300	111 600*								48,0	
50,0	48,5	121,6	52 000	117 200*	56,2	125,8	36 000	105 900*	63,1	128,2	20 000	94 700*				50,0	
52,0	45,9	119,7	48 100	111 500*	53,9	124,3	32 900	100 700*	60,9	127,1	17 700	89 900*				52,0	
54,0	43,2	117,6	44 600	106 100*	51,5	122,8	30 000	95 800*	58,7	125,8	15 400	85 400*				54,0	
56,0	40,3	115,3	41 300	101 200*	49,0	121,1	27 400	91 200*	56,5	124,5	13 400	81 300*				56,0	
58,0	37,3	112,7	38 300	96 500*	46,4	119,2	24 900	87 000*	54,2	123,1	11 500	77 500*				58,0	
60,0	33,9	109,8	35 400	92 200*	43,7	117,1	22 600	83 000*	51,8	121,5	9 700	73 800*	58,9	123,9	64 800*	60,0	
62,0	30,3	106,5	32 600	88 100*	40,9	114,8	20 400	79 300*	49,3	119,8	8 000	70 500*	56,6	122,6	61 700*	62,0	
64,0	26,2	102,6	30 000	84 200*	37,8	112,3	18 300	75 800*	46,8	118,0	6 400	67 300*	54,3	121,2	58 800*	64,0	
66,0	21,4	97,9	27 400	80 500*	34,6	109,5	16 300	72 500*	44,1	115,9	4 900	64 300*	51,9	119,6	56 100*	66,0	
68,0	15,0	91,4	24 800	76 800*	31,0	106,3	14 400	69 400*	41,3	113,7	3 400	61 400*	49,5	117,9	53 600*	68,0	
70,0					27,0	102,5	12 600	66 300*	38,3	111,2	2 100	58 800*	46,9	116,1	51 100*	70,0	
72,0					22,4	98,0	10 800	63 500*	35,0	108,4		56 200*	44,2	114,1	48 800*	72,0	
74,0					16,4	92,0	8 900	60 600*	31,5	105,3		53 800*	41,4	111,8	46 700*	74,0	
76,0					5,7	80,7	6 400	57 400*	27,6	101,6		51 400*	38,4	109,4	44 600*	76,0	
80,0									17,3	91,4		46 800*	31,7	103,5	40 600*	80,0	
84,0													23,3	95,5	36 900*	84,0	
88,0													8,9	80,7	33 100*	88,0	

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

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

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

Boom No. 80 With 140 ft Mast No. 81

208 060 kg Crane Counterweight

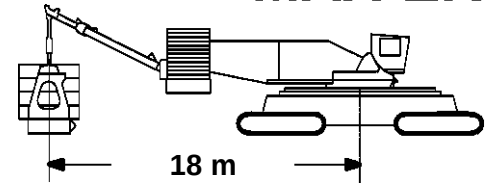
90 720 kg Carbody Counterweight

112 170 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
27,4	74,8	141,1	134 300	198 700*b													27,4
28,0	74,3	140,9	130 500	198 700*b													28,0
30,0	72,5	140,3	117 600	198 700*b													30,0
32,0	70,7	139,6	106 700	196 200*													32,0
34,0	68,9	138,8	97 200	183 300*													34,0
36,0	67,0	137,9	88 900	171 800*													36,0
38,0	65,1	137,0	81 500	161 400*													38,0
40,0	63,2	136,0	74 900	152 100*	69,2	138,0	53 700	137 900*									40,0
42,0	61,3	134,9	68 900	143 600*	67,3	137,2	48 900	130 000*									42,0
44,0	59,3	133,7	63 600	135 800*	65,5	136,3	44 500	122 600*									44,0
46,0	57,2	132,5	58 800	128 600*	63,6	135,3	40 600	115 900*									46,0
48,0	55,2	131,1	54 300	121 900*	61,6	134,2	37 000	109 800*									48,0
50,0	53,0	129,6	50 200	115 700*	59,6	133,1	33 700	104 100*									50,0
52,0	50,8	128,0	46 500	110 000*	57,6	131,8	30 700	98 900*	63,8	134,0	15 000	87 800*					52,0
54,0	48,6	126,2	43 000	104 700*	55,6	130,4	27 900	94 100*	61,9	132,9	12 800	83 400*					54,0
56,0	46,2	124,3	39 700	99 800*	53,4	129,0	25 200	89 600*	59,9	131,8	10 800	79 300*					56,0
58,0	43,8	122,3	36 700	95 200*	51,3	127,4	22 800	85 400*	57,9	130,5	8 900	75 500*					58,0
60,0	41,2	120,0	33 900	90 900*	49,0	125,7	20 500	81 400*	55,8	129,2	7 200	71 900*					60,0
62,0	38,5	117,5	31 300	86 900*	46,7	123,8	18 400	77 700*	53,7	127,7	5 600	68 600*					62,0
64,0	35,6	114,8	28 800	83 100*	44,2	121,8	16 400	74 300*	51,5	126,1	4 000	65 500*	58,0	128,6	56 700*		64,0
66,0	32,4	111,7	26 300	79 500*	41,7	119,5	14 500	71 000*	49,3	124,4	2 600	62 500*	56,0	127,3	54 000*		66,0
68,0	29,0	108,2	24 100	76 100*	39,0	117,1	12 700	68 000*	47,0	122,6	1 200	59 700*	53,9	125,8	51 500*		68,0
70,0	25,1	104,2	21 900	72 900*	36,1	114,4	11 000	65 000*	44,6	120,6		57 100*	51,7	124,2	49 100*		70,0
72,0	20,6	99,2	19 700	69 700*	33,0	111,4	9 300	62 200*	42,0	118,4		54 600*	49,4	122,6	46 800*		72,0
74,0	14,6	92,6	17 500	66 700*	29,7	108,0	7 700	59 600*	39,4	116,0		52 200*	47,1	120,7	44 700*		74,0
76,0					25,9	104,1	6 100	57 000*	36,5	113,3		49 900*	44,7	118,7	42 700*		76,0
80,0					15,9	93,1	2 900	52 000*	30,1	107,1		45 600*	39,5	114,2	38 900*		80,0
84,0									22,1	98,6		41 600*	33,7	108,6	35 400*		84,0
88,0									8,3	83,0		37 500*	26,7	101,5	32 100*		88,0
92,0													17,1	91,1	28 900*		92,0

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

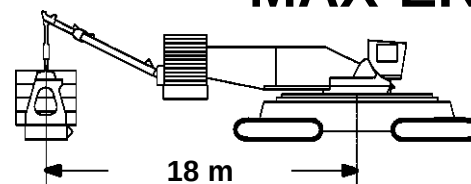
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
112 170 kg Hanging Counterweight
at 18 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				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	74,8	147,0	122 400	176 200*(b)									29,0
30,0	74,0	146,6	116 100	176 200*									30,0
32,0	72,4	146,0	105 100	176 200*									32,0
34,0	70,7	145,3	95 600	176 000*									34,0
36,0	69,0	144,6	87 200	171 200*									36,0
38,0	67,3	143,7	79 800	159 900*									38,0
40,0	65,6	142,8	73 200	150 500*									40,0
42,0	63,9	141,8	67 300	142 000*									42,0
44,0	62,1	140,8	61 900	134 300*	67,6	143,0	42 500	121 000*					44,0
46,0	60,3	139,6	57 000	127 200*	65,9	142,1	38 500	114 300*					46,0
48,0	58,5	138,4	52 600	120 500*	64,2	141,1	35 000	108 100*					48,0
50,0	56,6	137,1	48 500	114 300*	62,4	140,1	31 700	102 500*					50,0
52,0	54,7	135,7	44 800	108 600*	60,6	139,0	28 700	97 300*					52,0
54,0	52,7	134,2	41 300	103 300*	58,8	137,8	25 900	92 500*	64,4	139,8	10 600	81 700*	54,0
56,0	50,7	132,6	38 100	98 500*	56,9	136,5	23 300	88 000*	62,7	138,8	8 600	77 500*	56,0
58,0	48,6	130,8	35 100	93 900*	55,0	135,1	20 900	83 800*	60,9	137,7	6 700	73 800*	58,0
60,0	46,5	128,9	32 300	89 600*	53,1	133,6	18 600	79 900*	59,0	136,5	5 000	70 200*	60,0
62,0	44,2	126,9	29 700	85 600*	51,1	132,0	16 500	76 200*	57,2	135,2	3 400	66 900*	62,0
64,0	41,9	124,7	27 300	81 900*	49,0	130,2	14 600	72 800*	55,3	133,8	1 900	63 800*	64,0
66,0	39,4	122,3	24 900	78 300*	46,9	128,4	12 700	69 600*	53,3	132,3		60 800*	66,0
68,0	36,9	119,7	22 700	75 000*	44,6	126,4	10 900	66 500*	51,3	130,7		58 100*	68,0
70,0	34,1	116,8	20 600	71 800*	42,3	124,2	9 200	63 600*	49,3	129,0		55 500*	70,0
72,0	31,1	113,6	18 600	68 800*	39,9	121,9	7 600	60 900*	47,1	127,2		53 000*	72,0
74,0	27,9	109,9	16 700	65 900*	37,4	119,3	6 100	58 300*	44,9	125,2		50 600*	74,0
76,0	24,2	105,7	14 800	63 200*	34,6	116,4	4 700	55 800*	42,6	123,1		48 400*	76,0
80,0					28,5	109,7	1 900	51 200*	37,7	118,2		44 200*	80,0
84,0					20,8	100,7		46 800*	32,1	112,3		40 400*	84,0
88,0					6,8	83,3		42 300*	25,4	104,8		36 800*	88,0
92,0									16,3	93,8		33 400*	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 140 ft Mast No. 81

208 060 kg Crane Counterweight

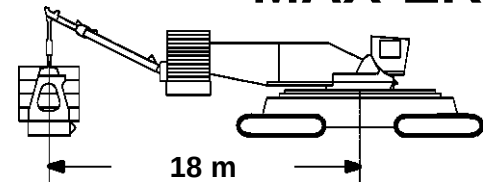
90 720 kg Carbody Counterweight

112 170 kg Hanging Counterweight

at 18 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				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	74,9	152,9	112 200	155 400*									30,5
32,0	73,8	152,4	103 900	155 400*									32,0
34,0	72,2	151,8	94 300	155 400*									34,0
36,0	70,7	151,1	85 800	155 400*									36,0
38,0	69,2	150,3	78 300	155 200*									38,0
40,0	67,6	149,5	71 600	149 000*									40,0
42,0	66,0	148,6	65 600	140 400*									42,0
44,0	64,4	147,6	60 200	132 700*									44,0
46,0	62,8	146,6	55 400	125 600*	67,9	148,8	36 300	112 300*					46,0
48,0	61,1	145,5	50 900	118 900*	66,3	147,9	32 700	106 200*					48,0
50,0	59,5	144,4	46 800	112 800*	64,7	146,9	29 500	100 600*					50,0
52,0	57,8	143,1	43 100	107 100*	63,1	145,9	26 400	95 400*					52,0
54,0	56,0	141,8	39 600	101 800*	61,5	144,8	23 700	90 600*					54,0
56,0	54,2	140,3	36 400	96 900*	59,8	143,7	21 100	86 200*					56,0
58,0	52,4	138,8	33 400	92 400*	58,1	142,4	18 700	82 000*	63,3	144,6	4 100	71 700*	58,0
60,0	50,6	137,2	30 600	88 100*	56,3	141,1	16 500	78 100*	61,7	143,5	2 400	68 200*	60,0
62,0	48,6	135,4	28 000	84 200*	54,6	139,7	14 400	74 500*	60,0	142,4	800	64 900*	62,0
64,0	46,7	133,6	25 600	80 400*	52,8	138,2	12 400	71 100*	58,3	141,2		61 800*	64,0
66,0	44,6	131,5	23 300	76 900*	50,9	136,6	10 600	67 900*	56,6	139,8		58 900*	66,0
68,0	42,5	129,4	21 100	73 600*	49,0	134,9	8 800	64 900*	54,8	138,4		56 200*	68,0
70,0	40,3	127,1	19 100	70 500*	47,0	133,0	7 200	62 000*	53,0	136,9		53 600*	70,0
72,0	37,9	124,5	17 100	67 500*	45,0	131,0	5 600	59 300*	51,2	135,3		51 100*	72,0
74,0	35,5	121,8	15 200	64 700*	42,9	128,9	4 100	56 800*	49,3	133,6		48 800*	74,0
76,0	32,8	118,7	13 500	62 000*	40,7	126,6	2 700	54 300*	47,3	131,8		46 600*	76,0
80,0	26,9	111,6	10 100	57 000*	35,9	121,4		49 800*	43,2	127,7		42 500*	80,0
84,0	19,3	101,8	6 900	52 300*	30,5	115,1		45 600*	38,7	123,0		38 800*	84,0
88,0					24,1	107,1		41 700*	33,7	117,4		35 300*	88,0
92,0					15,1	95,4		38 000*	27,9	110,5		32 100*	92,0
96,0									20,7	101,3		29 100*	96,0
100,0									8,7	85,2		25 800*	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).