



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
24 950 kg Hanging Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

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 (*). Capacities indicated by (b) require 2 180 kg minimum block weight.

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum luffing jib 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 or traveling. Exit MAX-ER mode before operating without hanging counterweight.

Upper luffing jib point capacity for liftcrane service with single part whip line is 13 610 kg. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacities. Whip line operation is not allowed where minimum luffing jib capacity to swing and travel exceeds 13 610 kg for single part line.

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: Machine to operate in a level position on a firm uniformly supporting surface with gantry and mast up. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 176153**, **No. 177334** or **No. 192108**, Wire Rope Specification chart **No. 7581-H**, Counterweight Arrangement chart **No. 7692-A** or **No. 8026-A** and Luffing Jib Raising Procedure chart **No. 7728-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 operators manual for operating guidelines.

MACHINE TRAVEL: 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 Maximum Allowable Travel Specification chart **No. 7759-A**.

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 225, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 39.6m mast, 8 part boom hoist reeving, four 38 mm boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 76 750 kg (2250) crane counterweight or 75 750 kg (M-250) crane counterweight, two 13 610 kg carbody counterweights and 24 950 kg hanging counterweight.

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

Consult chart **No. 7752-AM** for lifting off lower boom point with luffing jib attached.



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 24 950 kg Hanging Counterweight
 360 Degree Rating

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MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16.8	64.8	65.2	25 900 b	79 200 * b													16.8
18.0	61.1	64.5	23 500 b	69 500 * b													18.0
20.0	54.6	63.2	20 400 b	57 200 * b	61.8	64.3	17 100 b	71 200 * b									20.0
22.0	47.6	61.5	17 800	48 600 *	55.4	63.0	15 000 b	58 400 * b									22.0
24.0	39.7	59.4	15 700	42 100 *	48.5	61.4	13 200	49 500 *									24.0
26.0	30.0	56.4	13 900	37 100 *	40.7	59.3	11 800	42 900 *	54.4	61.9	8 700	55 300					26.0
28.0					31.3	56.4	10 500	37 600 *	47.4	60.3	7 600	48 600 *					28.0
30.0					17.9	51.9	9 300	33 400 *	39.4	58.1	6 800	41 900 *	53.0	60.5	4 100	44 400	30.0
32.0									29.6	55.0	6 000	36 900 *	45.8	58.7	3 500	41 000	32.0
34.0													37.6	56.4	3 000	38 100	34.0
36.0													27.3	53.1	2 500	35 500	36.0
38.0													8.8	46.5	2 000	32 200	38.0



Liftcrane Luffing Jib Capacities

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MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16.8	68.2	68.5	25 700 b	78 500 * b													16.8
18.0	65.0	68.0	23 400 b	69 600 * b													18.0
20.0	59.6	66.9	20 100	57 500 *	65.6	67.7	16 800 b	71 600 * b									20.0
22.0	54.0	65.5	17 600	48 800 *	60.3	66.7	14 700 b	58 700 * b									22.0
24.0	47.8	63.8	15 500	42 300 *	54.7	65.3	13 000	49 800 *									24.0
26.0	41.0	61.7	13 800	37 200 *	48.6	63.7	11 500	43 000 *	59.4	65.6	8 300	55 100					26.0
28.0	33.0	59.0	12 300	33 100 *	41.9	61.7	10 300	37 800 *	53.7	64.3	7 300	48 900 *					28.0
30.0	22.6	55.0	11 000	29 700 *	34.0	59.0	9 200	33 500 *	47.6	62.6	6 500	42 100 *					30.0
32.0					24.1	55.3	8 200	30 100 *	40.7	60.4	5 700	37 100 *	52.5	62.8	3 200	40 800	32.0
34.0									32.7	57.7	5 000	33 000 *	46.3	61.0	2 700	37 800	34.0
36.0									22.1	53.6	4 400	29 600 *	39.2	58.8	2 200	35 300	36.0
38.0													30.8	55.8	1 800	32 300	38.0
40.0													19.3	51.3	1 400	29 000 *	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

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MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16.8	70.7	71.8	25 500 b	73 000 * b													16.8
18.0	67.9	71.3	23 200 b	68 900 * b													18.0
20.0	63.3	70.4	20 000	57 700 *													20.0
22.0	58.5	69.2	17 400	49 000 *	63.9	70.1	14 500 b	59 300 * b									22.0
24.0	53.4	67.8	15 400	42 400 *	59.1	69.0	12 800	49 900 *									24.0
26.0	47.9	66.1	13 700	37 300 *	54.0	67.7	11 300	43 200 *									26.0
28.0	41.9	64.1	12 200	33 200 *	48.6	66.0	10 100	37 800 *	58.3	68.0	7 100	48 900 *					28.0
30.0	35.1	61.5	10 900	29 800 *	42.7	64.0	9 000	33 600 *	53.2	66.6	6 200	42 300 *					30.0
32.0	26.8	58.0	9 800	26 900 *	36.0	61.5	8 100	30 200 *	47.7	64.9	5 500	37 200 *					32.0
34.0					27.9	58.2	7 200	27 200 *	41.7	62.8	4 800	33 100 *	52.1	65.1	2 400	37 700	34.0
36.0					16.4	53.0	6 400	24 800 *	34.8	60.2	4 200	29 700 *	46.6	63.3	2 000	35 100	36.0
38.0									26.4	56.7	3 700	26 800 *	40.4	61.1	1 600	32 300	38.0
40.0													33.3	58.4	1 200	29 100 *	40.0
42.0													24.4	54.6	900	26 400 *	42.0
44.0													9.2	47.6	500	24 000 *	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

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MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18.3	69.7	74.5	22 400 b	64 000 *b													18.3
20.0	66.2	73.8	19 700	58 500 *													20.0
22.0	62.0	72.8	17 200	49 300 *													22.0
24.0	57.6	71.6	15 100	42 600 *	62.5	72.5	12 500	50 400 *									24.0
26.0	53.0	70.1	13 400	37 400 *	58.1	71.4	11 000	43 400 *									26.0
28.0	48.1	68.4	12 000	33 200 *	53.5	70.0	9 800	38 000 *									28.0
30.0	42.7	66.4	10 700	29 800 *	48.7	68.3	8 800	33 700 *	57.4	70.3	5 900	42 500 *					30.0
32.0	36.7	63.9	9 600	26 900 *	43.4	66.3	7 800	30 200 *	52.8	68.9	5 200	37 300 *					32.0
34.0	29.7	60.8	8 600	24 500 *	37.5	63.9	7 000	27 200 *	47.9	67.2	4 500	33 100 *	56.5	68.9	2 100	37 400	34.0
36.0	20.6	56.4	7 700	22 400 *	30.6	60.9	6 200	24 800 *	42.5	65.1	4 000	29 700 *	51.8	67.4	1 700	34 900	36.0
38.0					21.9	56.7	5 600	22 600 *	36.5	62.6	3 400	26 800 *	46.8	65.6	1 300	32 400	38.0
40.0									29.4	59.5	2 900	24 400 *	41.3	63.5	900	29 100 *	40.0
42.0									20.2	55.0	2 500	22 400 *	35.2	60.9	600	26 400 *	42.0
44.0													27.8	57.5	300	24 000 *	44.0
46.0													17.8	52.6		22 000 *	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
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 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

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MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19.8	68.8	77.2	19 700	59 100 *													19.8
20.0	68.5	77.1	19 500	58 300 *													20.0
22.0	64.7	76.2	16 900	50 600 *													22.0
24.0	60.9	75.1	14 900	43 600 *	65.2	75.9	12 200	51 600 *									24.0
26.0	56.8	73.9	13 200	38 200 *	61.3	74.9	10 700	44 300 *									26.0
28.0	52.6	72.4	11 700	34 000 *	57.3	73.7	9 500	38 800 *									28.0
30.0	48.1	70.7	10 500	30 400 *	53.1	72.3	8 500	34 400 *	60.7	73.9	5 600	43 500 *					30.0
32.0	43.3	68.7	9 400	27 500 *	48.7	70.6	7 600	30 800 *	56.7	72.6	4 900	38 100 *					32.0
34.0	38.0	66.4	8 400	25 000 *	43.9	68.6	6 700	27 900 *	52.5	71.2	4 200	33 900 *					34.0
36.0	31.9	63.4	7 600	22 900 *	38.7	66.3	6 000	25 300 *	48.0	69.5	3 700	30 400 *	55.9	71.2	1 300	34 700	36.0
38.0	24.5	59.6	6 800	21 000 *	32.7	63.5	5 400	23 100 *	43.1	67.5	3 200	27 400 *	51.6	69.7	1 000	32 400	38.0
40.0					25.5	59.8	4 800	21 200 *	37.8	65.1	2 700	25 000 *	47.0	67.9	700	29 800 *	40.0
42.0					15.4	54.2	4 200	19 500 *	31.7	62.1	2 300	22 800 *	42.1	65.8	300	26 900 *	42.0
44.0									24.2	58.2	1 900	21 000 *	36.6	63.3		24 500 *	44.0
46.0													30.3	60.2		22 400 *	46.0
48.0													22.4	56.1		20 700 *	48.0
50.0													9.4	48.7		19 000 *	50.0



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42.7m (140 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19.8	70.7	80.4	19 500	55 200 *													19.8
20.0	70.4	80.3	19 200	55 000 *													20.0
22.0	67.0	79.5	16 700	50 900 *													22.0
24.0	63.5	78.6	14 600	43 400 *													24.0
26.0	59.9	77.5	12 900	38 100 *	63.9	78.4	10 500	44 200 *									26.0
28.0	56.2	76.2	11 500	33 800 *	60.4	77.3	9 200	38 700 *									28.0
30.0	52.3	74.7	10 300	30 300 *	56.7	76.0	8 200	34 300 *									30.0
32.0	48.2	73.0	9 200	27 300 *	52.8	74.6	7 300	30 700 *	59.8	76.2	4 500	37 900 *					32.0
34.0	43.8	71.1	8 200	24 800 *	48.7	72.9	6 500	27 700 *	56.1	75.0	3 900	33 700 *					34.0
36.0	39.0	68.8	7 400	22 700 *	44.4	71.0	5 800	25 100 *	52.2	73.5	3 400	30 200 *					36.0
38.0	33.6	66.0	6 600	20 900 *	39.6	68.7	5 100	23 000 *	48.1	71.8	2 900	27 300 *	55.3	73.5	600	32 100	38.0
40.0	27.4	62.5	6 000	19 200 *	34.3	66.0	4 600	21 100 *	43.6	69.8	2 400	24 800 *	51.4	72.0	300	29 600 *	40.0
42.0	19.2	57.7	5 300	17 800 *	28.2	62.6	4 000	19 400 *	38.8	67.5	2 000	22 600 *	47.2	70.2		26 700 *	42.0
44.0					20.4	58.0	3 500	18 000 *	33.4	64.6	1 600	20 800 *	42.7	68.2		24 300 *	44.0
46.0									27.1	61.1	1 300	19 200 *	37.8	65.8		22 300 *	46.0
48.0									18.9	56.3	900	17 700 *	32.2	62.8		20 500 *	48.0
50.0													25.6	59.1		18 900 *	50.0
52.0													16.7	53.8		17 500 *	52.0



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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21.3	69.9	83.1	17 400	49 400 *													21.3
22.0	68.8	82.8	16 600	48 600 *													22.0
24.0	65.7	82.0	14 500	44 200 *													24.0
26.0	62.5	81.0	12 800	38 300 *	66.1	81.7	10 300	44 600 *									26.0
28.0	59.1	79.8	11 400	34 000 *	62.9	80.8	9 100	38 900 *									28.0
30.0	55.7	78.5	10 100	30 400 *	59.5	79.6	8 100	34 500 *									30.0
32.0	52.1	77.0	9 100	27 400 *	56.1	78.3	7 200	30 800 *									32.0
34.0	48.3	75.3	8 100	24 900 *	52.5	76.9	6 300	27 800 *	59.0	78.6	3 800	33 800 *					34.0
36.0	44.2	73.4	7 300	22 700 *	48.7	75.2	5 700	25 200 *	55.5	77.3	3 200	30 300 *					36.0
38.0	39.9	71.1	6 600	20 900 *	44.7	73.3	5 000	23 000 *	51.9	75.8	2 700	27 300 *					38.0
40.0	35.0	68.5	5 900	19 200 *	40.4	71.1	4 500	21 100 *	48.1	74.1	2 300	24 800 *	54.8	75.8	200	29 700 *	40.0
42.0	29.5	65.2	5 300	17 800 *	35.7	68.5	3 900	19 400 *	44.1	72.1	1 900	22 700 *	51.2	74.3		26 800 *	42.0
44.0	22.8	61.1	4 700	16 500 *	30.3	65.3	3 400	18 000 *	39.7	69.8	1 500	20 800 *	47.3	72.5		24 400 *	44.0
46.0					23.8	61.3	3 000	16 600 *	34.9	67.1	1 200	19 200 *	43.2	70.5		22 300 *	46.0
48.0					14.7	55.4	2 600	15 400 *	29.3	63.9	900	17 700 *	38.8	68.2		20 500 *	48.0
50.0									22.6	59.7	500	16 500 *	33.8	65.4		18 900 *	50.0
52.0													28.1	62.0		17 500 *	52.0
54.0													21.0	57.5		16 200 *	54.0
56.0													9.5	49.8		15 100 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	69.2	85.8	15 400	44 700 *												22.9
24.0	67.5	85.3	14 300	43 000 *												24.0
26.0	64.6	84.4	12 600	38 100 *												26.0
28.0	61.6	83.4	11 100	33 800 *	64.9	84.2	8 800	38 800 *								28.0
30.0	58.4	82.2	9 900	30 200 *	61.9	83.1	7 800	34 300 *								30.0
32.0	55.2	80.9	8 800	27 200 *	58.8	82.0	6 900	30 600 *								32.0
34.0	51.9	79.3	7 900	24 700 *	55.6	80.7	6 100	27 600 *	61.4	82.1	3 500	33 700 *				34.0
36.0	48.3	77.6	7 100	22 500 *	52.3	79.2	5 400	25 000 *	58.3	80.9	2 900	30 100 *				36.0
38.0	44.6	75.7	6 300	20 700 *	48.8	77.5	4 800	22 800 *	55.1	79.6	2 400	27 200 *				38.0
40.0	40.6	73.5	5 600	19 000 *	45.0	75.6	4 200	20 900 *	51.7	78.1	2 000	24 600 *				40.0
42.0	36.2	70.9	5 000	17 500 *	41.1	73.4	3 700	19 200 *	48.2	76.4	1 600	22 500 *	54.4	78.1	26 700 *	42.0
44.0	31.3	67.9	4 500	16 300 *	36.8	70.9	3 200	17 700 *	44.4	74.4	1 300	20 600 *	51.0	76.6	24 200 *	44.0
46.0	25.6	64.1	4 000	15 100 *	31.9	67.9	2 800	16 400 *	40.4	72.2	900	19 000 *	47.5	74.8	22 100 *	46.0
48.0	18.2	59.0	3 500	14 000 *	26.3	64.2	2 400	15 300 *	36.0	69.6	600	17 500 *	43.7	72.8	20 300 *	48.0
50.0					19.2	59.3	2 000	14 200 *	31.1	66.5	300	16 200 *	39.6	70.5	18 700 *	50.0
52.0									25.3	62.7		15 100 *	35.1	67.9	17 300 *	52.0
54.0									17.8	57.5		14 000 *	30.0	64.7	16 000 *	54.0
56.0													24.0	60.6	14 900 *	56.0
58.0													15.9	55.0	13 800 *	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	70.6	89.0	15 100	43 000 *												22.9
24.0	69.1	88.6	14 000	42 000 *												24.0
26.0	66.4	87.8	12 300	38 600 *												26.0
28.0	63.6	86.8	10 900	34 100 *	66.7	87.5	8 500	39 200 *								28.0
30.0	60.8	85.7	9 600	30 500 *	64.0	86.6	7 500	34 600 *								30.0
32.0	57.8	84.5	8 600	27 400 *	61.1	85.5	6 600	30 900 *								32.0
34.0	54.8	83.2	7 600	24 900 *	58.2	84.3	5 800	27 800 *								34.0
36.0	51.7	81.7	6 800	22 700 *	55.2	83.0	5 100	25 200 *	60.7	84.5	2 600	30 400 *				36.0
38.0	48.4	79.9	6 100	20 800 *	52.1	81.5	4 500	23 000 *	57.7	83.3	2 200	27 400 *				38.0
40.0	44.9	78.0	5 400	19 200 *	48.8	79.8	3 900	21 000 *	54.7	81.9	1 700	24 800 *				40.0
42.0	41.2	75.8	4 800	17 700 *	45.3	77.9	3 400	19 300 *	51.5	80.4	1 300	22 700 *				42.0
44.0	37.2	73.3	4 300	16 400 *	41.6	75.8	3 000	17 800 *	48.2	78.7	1 000	20 800 *	54.1	80.4	24 400 *	44.0
46.0	32.7	70.4	3 800	15 200 *	37.7	73.3	2 600	16 500 *	44.8	76.7	600	19 100 *	50.9	78.9	22 300 *	46.0
48.0	27.7	66.9	3 300	14 100 *	33.3	70.5	2 200	15 300 *	41.0	74.5	300	17 600 *	47.6	77.1	20 400 *	48.0
50.0	21.6	62.5	2 900	13 200 *	28.3	67.0	1 800	14 300 *	37.0	72.0		16 300 *	44.0	75.1	18 800 *	50.0
52.0					22.4	62.7	1 500	13 300 *	32.6	69.1		15 200 *	40.3	72.9	17 400 *	52.0
54.0					14.2	56.5	1 100	12 200 *	27.5	65.6		14 100 *	36.2	70.3	16 100 *	54.0
56.0									21.3	61.1		13 100 *	31.6	67.3	15 000 *	56.0
58.0													26.4	63.6	13 900 *	58.0
60.0													19.8	58.8	13 000 *	60.0
62.0													9.6	50.9	12 100 *	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Oper. Rad. Meters
24.4	70.0	91.7	13 400	38 500 *												24.4
26.0	68.0	91.1	12 000	37 100 *												26.0
28.0	65.4	90.2	10 600	34 400 *												28.0
30.0	62.8	89.2	9 400	30 500 *	65.7	90.0	7 200	34 700 *								30.0
32.0	60.1	88.1	8 300	27 500 *	63.1	89.0	6 300	31 000 *								32.0
34.0	57.3	86.9	7 400	24 900 *	60.4	87.9	5 500	27 800 *								34.0
36.0	54.5	85.5	6 600	22 600 *	57.7	86.7	4 900	25 200 *								36.0
38.0	51.5	84.0	5 800	20 700 *	54.8	85.3	4 200	22 900 *	60.0	86.9	1 800	27 400 *				38.0
40.0	48.4	82.2	5 100	19 000 *	51.9	83.8	3 700	20 900 *	57.2	85.6	1 400	24 800 *				40.0
42.0	45.2	80.3	4 600	17 500 *	48.8	82.1	3 200	19 200 *	54.4	84.2	1 000	22 600 *				42.0
44.0	41.7	78.2	4 000	16 200 *	45.6	80.2	2 700	17 700 *	51.4	82.7	700	20 700 *				44.0
46.0	38.0	75.8	3 600	15 000 *	42.1	78.1	2 300	16 400 *	48.3	81.0	400	19 000 *	53.8	82.8	22 200 *	46.0
48.0	34.0	73.0	3 100	14 000 *	38.5	75.7	1 900	15 200 *	45.0	79.1		17 500 *	50.8	81.2	20 300 *	48.0
50.0	29.4	69.7	2 600	13 000 *	34.5	73.0	1 500	14 100 *	41.6	76.9		16 200 *	47.6	79.4	18 700 *	50.0
52.0	24.1	65.6	2 300	12 100 *	30.0	69.7	1 200	13 100 *	37.9	74.4		15 000 *	44.4	77.5	17 200 *	52.0
54.0	17.3	60.2	1 900	11 200 *	24.8	65.8	900	12 200 *	33.8	71.6		13 900 *	40.9	75.3	16 000 *	54.0
56.0					18.3	60.6	600	11 400 *	29.3	68.3		13 000 *	37.1	72.7	14 800 *	56.0
58.0									23.9	64.2		12 100 *	32.9	69.8	13 700 *	58.0
60.0									17.0	58.7		11 300 *	28.3	66.4	12 800 *	60.0
62.0													22.7	62.1	11 900 *	62.0
64.0													15.3	56.1	11 200 *	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	69.4	94.4	12 000	35 100 *												25.9
26.0	69.3	94.4	11 900	35 100 *												26.0
28.0	66.9	93.6	10 400	33 400 *												28.0
30.0	64.5	92.6	9 200	30 500 *												30.0
32.0	62.0	91.6	8 200	27 400 *	64.8	92.4	6 200	30 800 *								32.0
34.0	59.5	90.5	7 200	24 700 *	62.3	91.4	5 400	27 700 *								34.0
36.0	56.8	89.2	6 400	22 500 *	59.8	90.3	4 700	25 000 *								36.0
38.0	54.1	87.8	5 700	20 600 *	57.2	89.0	4 100	22 800 *								38.0
40.0	51.4	86.3	5 000	18 900 *	54.5	87.6	3 500	20 800 *	59.4	89.2	1 200	24 700 *				40.0
42.0	48.4	84.5	4 400	17 400 *	51.7	86.1	3 000	19 100 *	56.7	87.9	900	22 400 *				42.0
44.0	45.4	82.6	3 900	16 100 *	48.8	84.4	2 600	17 600 *	54.0	86.5	500	20 500 *				44.0
46.0	42.2	80.5	3 400	14 900 *	45.8	82.5	2 200	16 200 *	51.2	85.0	200	18 900 *	56.2	86.5	22 100 *	46.0
48.0	38.7	78.1	3 000	13 800 *	42.6	80.4	1 800	15 000 *	48.3	83.3		17 400 *	53.5	85.1	20 200 *	48.0
50.0	35.0	75.4	2 600	12 900 *	39.2	78.1	1 400	14 000 *	45.3	81.4		16 000 *	50.7	83.5	18 500 *	50.0
52.0	30.9	72.3	2 100	12 000 *	35.5	75.4	1 100	13 000 *	42.0	79.2		14 900 *	47.7	81.7	17 100 *	52.0
54.0	26.2	68.6	1 800	11 200 *	31.4	72.3	800	12 100 *	38.6	76.8		13 800 *	44.6	79.8	15 800 *	54.0
56.0	20.5	63.8	1 500	10 500 *	26.8	68.7	500	11 300 *	34.9	74.1		12 900 *	41.4	77.6	14 700 *	56.0
58.0					21.3	64.1	200	10 500 *	30.7	71.0		12 000 *	37.9	75.2	13 600 *	58.0
60.0					13.7	57.6		9 700 *	26.0	67.2		11 200 *	34.1	72.4	12 700 *	60.0
62.0									20.3	62.4		10 500 *	29.8	69.1	11 800 *	62.0
64.0									12.1	55.3		9 800 *	25.0	65.2	11 000 *	64.0
66.0													18.9	60.1	10 300 *	66.0
68.0													9.7	52.0	9 600 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
24 950 kg Hanging Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	70.6	97.7	11 700	33 000 *												25.9
26.0	70.5	97.6	11 600	32 900 *												26.0
28.0	68.3	96.9	10 200	31 200 *												28.0
30.0	66.0	96.0	9 000	29 500 *												30.0
32.0	63.7	95.0	7 900	27 100 *												32.0
34.0	61.3	94.0	7 000	24 500 *	64.0	94.8	5 100	27 600 *								34.0
36.0	58.9	92.8	6 200	22 300 *	61.6	93.8	4 400	24 800 *								36.0
38.0	56.4	91.5	5 400	20 300 *	59.2	92.6	3 800	22 500 *								38.0
40.0	53.9	90.1	4 800	18 700 *	56.7	91.3	3 300	20 600 *	61.2	92.7	900	24 500 *				40.0
42.0	51.2	88.6	4 200	17 200 *	54.2	89.9	2 700	18 800 *	58.8	91.6	600	22 200 *				42.0
44.0	48.5	86.8	3 600	15 800 *	51.5	88.4	2 300	17 300 *	56.3	90.3	200	20 300 *				44.0
46.0	45.6	85.0	3 200	14 700 *	48.8	86.7	1 900	16 000 *	53.8	88.8		18 600 *				46.0
48.0	42.6	82.9	2 700	13 600 *	46.0	84.8	1 500	14 800 *	51.1	87.3		17 100 *	55.8	88.8	20 000 *	48.0
50.0	39.4	80.5	2 300	12 600 *	42.9	82.8	1 200	13 700 *	48.4	85.6		15 800 *	53.2	87.4	18 300 *	50.0
52.0	35.9	77.9	1 900	11 800 *	39.8	80.5	800	12 700 *	45.5	83.7		14 600 *	50.6	85.8	16 900 *	52.0
54.0	32.1	74.9	1 600	10 900 *	36.3	77.9	500	11 900 *	42.5	81.6		13 600 *	47.8	84.0	15 600 *	54.0
56.0	27.9	71.4	1 200	10 200 *	32.6	74.9	200	11 000 *	39.2	79.2		12 600 *	44.9	82.1	14 400 *	56.0
58.0	23.0	67.1	900	9 500 *	28.4	71.5		10 300 *	35.8	76.6		11 800 *	41.8	79.9	13 400 *	58.0
60.0	16.7	61.4	600	8 800 *	23.6	67.3		9 600 *	32.0	73.6		10 900 *	38.6	77.5	12 400 *	60.0
62.0					17.6	61.9		9 000 *	27.7	70.0		10 200 *	35.0	74.8	11 600 *	62.0
64.0					7.7	52.6		7 900 *	22.8	65.7		9 500 *	31.2	71.7	10 800 *	64.0
66.0									16.4	59.9		8 900 *	26.8	68.0	10 100 *	66.0
68.0													21.6	63.5	9 400 *	68.0
70.0													14.8	57.3	8 800 *	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
27.4	70.1	100.3	10 300	29 600 *													27.4
28.0	69.5	100.1	10 000	29 200 *													28.0
30.0	67.3	99.3	8 700	27 600 *													30.0
32.0	65.2	98.4	7 700	26 000 *													32.0
34.0	63.0	97.4	6 700	24 300 *	65.4	98.2	4 900	26 200 *									34.0
36.0	60.7	96.4	5 900	22 000 *	63.2	97.2	4 200	24 500 *									36.0
38.0	58.4	95.2	5 200	20 100 *	61.0	96.1	3 600	22 300 *									38.0
40.0	56.1	93.9	4 500	18 400 *	58.7	95.0	3 000	20 300 *									40.0
42.0	53.6	92.4	3 900	16 900 *	56.3	93.7	2 500	18 600 *	60.6	95.1	300	22 000 *					42.0
44.0	51.1	90.9	3 400	15 600 *	53.9	92.2	2 100	17 100 *	58.3	93.9		20 100 *					44.0
46.0	48.5	89.1	2 900	14 400 *	51.4	90.7	1 700	15 800 *	56.0	92.6		18 400 *					46.0
48.0	45.8	87.3	2 500	13 300 *	48.8	89.0	1 300	14 600 *	53.5	91.2		16 900 *					48.0
50.0	42.9	85.2	2 100	12 400 *	46.1	87.1	900	13 500 *	51.0	89.6		15 600 *	55.5	91.1	18 100 *		50.0
52.0	39.9	82.9	1 700	11 500 *	43.3	85.1	600	12 500 *	48.4	87.9		14 400 *	53.0	89.7	16 600 *		52.0
54.0	36.7	80.3	1 400	10 700 *	40.3	82.8	300	11 600 *	45.7	86.0		13 400 *	50.5	88.1	15 300 *		54.0
56.0	33.2	77.4	1 000	10 000 *	37.1	80.3		10 800 *	42.8	83.9		12 400 *	47.9	86.3	14 200 *		56.0
58.0	29.4	74.1	700	9 300 *	33.7	77.4		10 100 *	39.8	81.6		11 500 *	45.1	84.4	13 200 *		58.0
60.0	25.0	70.1	400	8 700 *	29.8	74.2		9 400 *	36.6	79.0		10 700 *	42.2	82.3	12 200 *		60.0
62.0	19.7	65.1	200	8 100 *	25.5	70.3		8 800 *	33.1	76.1		10 000 *	39.2	79.9	11 400 *		62.0
64.0	12.3	58.0		7 300 *	20.4	65.5		8 200 *	29.2	72.7		9 300 *	35.9	77.3	10 600 *		64.0
66.0					13.4	58.7		7 500 *	24.8	68.7		8 700 *	32.3	74.3	9 900 *		66.0
68.0									19.4	63.7		8 100 *	28.4	70.8	9 200 *		68.0
70.0									11.9	56.4		7 600 *	23.8	66.7	8 600 *		70.0
72.0													18.2	61.3	8 000 *		72.0
74.0													9.7	53.1	7 500 *		74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

42.7m (140 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	69.6	103.0	9 100	25 500 *											29.0
30.0	68.5	102.6	8 500	24 700 *											30.0
32.0	66.5	101.8	7 400	23 200 *											32.0
34.0	64.4	100.9	6 500	21 800 *	66.7	101.5	4 500	23 400 *							34.0
36.0	62.3	99.8	5 700	20 400 *	64.7	100.6	3 900	22 000 *							36.0
38.0	60.2	98.7	4 900	19 100 *	62.6	99.6	3 300	20 600 *							38.0
40.0	58.0	97.5	4 300	17 800 *	60.4	98.5	2 700	19 300 *							40.0
42.0	55.7	96.2	3 700	16 600 *	58.2	97.3	2 200	18 000 *							42.0
44.0	53.4	94.7	3 200	15 400 *	56.0	96.0	1 800	16 800 *	60.1	97.5	19 000 *				44.0
46.0	51.0	93.2	2 700	14 400 *	53.7	94.6	1 400	15 700 *	57.9	96.2	17 800 *				46.0
48.0	48.5	91.4	2 200	13 300 *	51.3	93.0	1 000	14 500 *	55.6	94.9	16 600 *				48.0
50.0	45.9	89.6	1 800	12 300 *	48.8	91.3	700	13 400 *	53.3	93.5	15 500 *				50.0
52.0	43.3	87.5	1 500	11 400 *	46.3	89.5	300	12 400 *	50.9	91.9	14 300 *	55.2	93.5	16 300 *	52.0
54.0	40.4	85.3	1 100	10 600 *	43.6	87.4		11 500 *	48.4	90.2	13 200 *	52.8	92.0	15 200 *	54.0
56.0	37.4	82.7	800	9 800 *	40.8	85.2		10 700 *	45.9	88.3	12 300 *	50.4	90.4	14 100 *	56.0
58.0	34.2	79.9	500	9 100 *	37.8	82.7		9 900 *	43.2	86.2	11 400 *	47.9	88.6	13 100 *	58.0
60.0	30.6	76.7	200	8 500 *	34.6	79.9		9 200 *	40.3	84.0	10 600 *	45.3	86.7	12 100 *	60.0
62.0	26.6	73.0		7 900 *	31.1	76.8		8 600 *	37.3	81.4	9 800 *	42.6	84.6	11 200 *	62.0
64.0	22.0	68.5		7 300 *	27.1	73.1		8 000 *	34.0	78.6	9 200 *	39.7	82.3	10 400 *	64.0
66.0	16.1	62.6		6 700 *	22.6	68.8		7 400 *	30.5	75.4	8 500 *	36.6	79.7	9 700 *	66.0
68.0					17.0	63.1		6 900 *	26.5	71.7	7 900 *	33.3	76.8	9 000 *	68.0
70.0					8.0	53.7		6 000 *	21.8	67.1	7 400 *	29.7	73.5	8 400 *	70.0
72.0									15.9	61.1	6 800 *	25.6	69.6	7 800 *	72.0
74.0												20.8	64.9	7 300 *	74.0
76.0												14.4	58.4	6 800 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16.8	67.0	71.6	25 100 b	81 600 * b													16.8
18.0	63.3	71.0	22 800 b	74 300 * b													18.0
20.0	57.1	69.8	19 700 b	61 200 * b	65.0	70.9	15 900 b	78 600 b									20.0
22.0	50.3	68.3	17 200	51 500 *	58.9	69.7	13 900 b	64 600 * b									22.0
24.0	42.8	66.3	15 200	44 300 *	52.3	68.3	12 300	53 900 *									24.0
26.0	33.9	63.7	13 500	38 800 *	45.0	66.5	10 900	46 200 *	59.5	68.9	7 200 b	54 200 b					26.0
28.0	22.0	59.7	12 000	34 400 *	36.6	64.1	9 700	40 200 *	53.0	67.5	6 300 b	49 500 b					28.0
30.0					25.9	60.6	8 600	35 500 *	45.8	65.7	5 600	45 500					30.0
32.0									37.5	63.4	4 900	40 800					32.0
34.0									27.2	60.1	4 200	36 000 *	46.2	64.5	1 600	36 900	34.0
36.0													38.0	62.2	1 200	34 400	36.0
38.0													27.8	59.0	800	32 200	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16.8	70.1	74.9	24 900 b	79 700 * b													16.8
18.0	66.9	74.4	22 600 b	74 300 * b													18.0
20.0	61.7	73.4	19 500 b	61 500 * b													20.0
22.0	56.1	72.1	17 000	51 800 *	63.1	73.3	13 700 b	65 200 * b									22.0
24.0	50.2	70.6	15 000	44 500 *	57.7	72.1	12 000	54 200 *									24.0
26.0	43.6	68.6	13 300	39 000 *	51.9	70.6	10 600	46 400 *									26.0
28.0	36.1	66.1	11 900	34 500 *	45.5	68.8	9 500	40 400 *	58.3	71.2	6 000	49 200					28.0
30.0	26.9	62.8	10 600	30 900 *	38.3	66.5	8 400	35 700 *	52.5	69.8	5 200	45 200					30.0
32.0	12.1	56.8	9 400	27 900 *	29.7	63.4	7 500	31 800 *	46.2	68.0	4 600	41 000					32.0
34.0									39.1	65.8	3 900	36 100 *	52.8	68.6	1 200	36 700	34.0
36.0									30.7	62.8	3 400	32 200 *	46.5	66.8	800	34 200	36.0
38.0									19.2	58.3	2 900	29 000 *	39.5	64.6	500	32 000	38.0
40.0													31.2	61.7	200	30 000	40.0
42.0													19.9	57.3		28 200	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18.3	69.0	77.5	21 900 b	70 200 * b													18.3
20.0	65.1	76.8	19 300 b	62 000 * b													20.0
22.0	60.3	75.7	16 800	52 000 *	66.3	76.7	13 400 b	65 300 * b									22.0
24.0	55.3	74.4	14 800	44 700 *	61.7	75.6	11 800	54 500 *									24.0
26.0	50.0	72.9	13 100	39 100 *	56.8	74.4	10 400	46 500 *									26.0
28.0	44.2	70.9	11 700	34 600 *	51.5	72.9	9 300	40 500 *									28.0
30.0	37.8	68.6	10 500	31 000 *	45.9	71.1	8 200	35 800 *	57.3	73.6	5 000	45 100					30.0
32.0	30.1	65.5	9 400	27 900 *	39.7	68.9	7 300	31 900 *	52.1	72.1	4 300	41 100					32.0
34.0	19.9	61.1	8 400	25 400 *	32.4	66.1	6 600	28 700 *	46.5	70.3	3 700	36 200 *					34.0
36.0					23.2	62.1	5 800	26 000 *	40.3	68.2	3 200	32 300 *	52.4	70.9	600	34 000	36.0
38.0									33.2	65.4	2 700	29 000 *	46.8	69.1	300	31 800	38.0
40.0									24.3	61.6	2 300	26 300 *	40.7	67.0		29 800	40.0
42.0													33.6	64.2		28 100	42.0
44.0													24.8	60.5		26 400	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	68.1	80.2	19 300 b	61 700 *b												19.8
20.0	67.7	80.1	19 000 b	60 900 *b												20.0
22.0	63.6	79.2	16 600	52 500 *												22.0
24.0	59.2	78.1	14 600	44 900 *	64.7	79.1	11 500	55 000 *								24.0
26.0	54.7	76.7	12 900	39 200 *	60.5	78.0	10 100	46 800 *								26.0
28.0	49.9	75.2	11 500	34 700 *	56.0	76.7	8 900	40 700 *								28.0
30.0	44.7	73.3	10 300	31 000 *	51.3	75.2	8 000	35 900 *								30.0
32.0	39.0	71.0	9 200	27 900 *	46.2	73.4	7 100	32 000 *	56.5	75.9	3 900	41 300				32.0
34.0	32.5	68.1	8 300	25 400 *	40.7	71.3	6 300	28 800 *	51.8	74.4	3 400	36 300 *				34.0
36.0	24.4	64.3	7 400	23 200 *	34.4	68.6	5 600	26 000 *	46.8	72.7	2 900	32 300 *				36.0
38.0	11.7	57.9	6 600	21 200 *	26.9	65.1	5 000	23 700 *	41.3	70.5	2 400	29 100 *	52.0	73.2	31 500	38.0
40.0									35.1	67.9	2 000	26 300 *	47.0	71.4	29 600	40.0
42.0									27.7	64.5	1 600	24 000 *	41.6	69.3	27 800	42.0
44.0									17.7	59.6	1 300	22 000 *	35.4	66.7	26 200	44.0
46.0																
48.0													18.3	58.6	22 100 *	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	70.2	83.5	19 000	59 400 *												19.8
20.0	69.8	83.4	18 800	59 100 *												20.0
22.0	66.1	82.6	16 300	54 100 *												22.0
24.0	62.3	81.6	14 300	45 900 *												24.0
26.0	58.4	80.4	12 600	40 100 *	63.4	81.5	9 800	47 800 *								26.0
28.0	54.2	79.1	11 200	35 400 *	59.5	80.4	8 700	41 600 *								28.0
30.0	49.8	77.5	10 000	31 700 *	55.4	79.1	7 700	36 600 *								30.0
32.0	45.1	75.6	9 000	28 500 *	51.1	77.5	6 800	32 700 *	59.9	79.5	3 700	41 100				32.0
34.0	40.0	73.3	8 000	25 900 *	46.5	75.7	6 100	29 400 *	55.8	78.2	3 100	37 200 *				34.0
36.0	34.3	70.6	7 200	23 600 *	41.5	73.6	5 400	26 600 *	51.5	76.7	2 600	33 000 *				36.0
38.0	27.5	67.2	6 500	21 700 *	36.0	71.1	4 800	24 200 *	47.0	75.0	2 200	29 700 *				38.0
40.0	18.5	62.3	5 800	19 900 *	29.5	67.9	4 200	22 200 *	42.0	72.9	1 800	26 900 *	51.8	75.5	29 300	40.0
42.0					21.4	63.5	3 700	20 500 *	36.6	70.4	1 400	24 500 *	47.2	73.7	27 600	42.0
44.0									30.2	67.3	1 000	22 400 *	42.3	71.7	26 000	44.0
46.0									22.3	63.1	700	20 600 *	36.9	69.2	24 600	46.0
48.0													30.6	66.1	22 500 *	48.0
50.0													22.8	62.0	20 700 *	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	69.4	86.2	16 800	52 700 *												21.3
22.0	68.2	85.9	16 100	51 700 *												22.0
24.0	64.8	85.0	14 000	46 600 *												24.0
26.0	61.3	84.0	12 400	40 300 *	65.8	84.9	9 500	48 200 *								26.0
28.0	57.6	82.8	11 000	35 500 *	62.3	83.9	8 400	41 700 *								28.0
30.0	53.8	81.4	9 800	31 700 *	58.6	82.7	7 400	36 700 *								30.0
32.0	49.8	79.8	8 700	28 500 *	54.9	81.4	6 500	32 700 *								32.0
34.0	45.5	77.9	7 800	25 800 *	50.9	79.8	5 800	29 400 *	59.0	81.9	2 800	37 400 *				34.0
36.0	40.8	75.7	7 000	23 600 *	46.7	78.0	5 100	26 600 *	55.3	80.5	2 300	33 100 *				36.0
38.0	35.7	73.1	6 200	21 600 *	42.2	76.0	4 500	24 200 *	51.3	79.0	1 800	29 700 *				38.0
40.0	29.8	69.9	5 600	19 900 *	37.2	73.5	4 000	22 100 *	47.2	77.3	1 500	26 800 *	55.5	79.3	29 100	40.0
42.0	22.6	65.8	5 000	18 400 *	31.6	70.5	3 500	20 300 *	42.7	75.2	1 100	24 400 *	51.5	77.8	27 300	42.0
44.0	11.5	59.0	4 400	16 700 *	24.8	66.7	3 000	18 800 *	37.7	72.8	800	22 300 *	47.4	76.0	25 800	44.0
46.0									32.2	69.9	500	20 500 *	42.9	74.0	24 300	46.0
48.0									25.6	66.1	200	18 900 *	38.0	71.6	22 500 *	48.0
50.0									16.6	60.8		17 500 *	32.5	68.7	20 600 *	50.0
52.0													26.0	65.0	19 000 *	52.0
54.0													17.2	59.8	17 600 *	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	68.7	88.8	15 000	47 800 *												22.9
24.0	66.9	88.4	13 900	45 600 *												24.0
26.0	63.7	87.4	12 300	40 200 *	67.8	88.2	9 300	47 000 *								26.0
28.0	60.4	86.3	10 900	35 500 *	64.6	87.3	8 200	41 900 *								28.0
30.0	57.0	85.1	9 600	31 600 *	61.3	86.3	7 200	36 700 *								30.0
32.0	53.4	83.7	8 600	28 500 *	57.9	85.1	6 400	32 700 *								32.0
34.0	49.7	82.1	7 700	25 800 *	54.4	83.7	5 700	29 300 *	61.6	85.4	2 600	37 300 *				34.0
36.0	45.8	80.2	6 900	23 500 *	50.8	82.1	5 000	26 500 *	58.3	84.2	2 100	33 100 *				36.0
38.0	41.5	78.1	6 200	21 500 *	46.9	80.3	4 400	24 100 *	54.8	82.9	1 700	29 600 *				38.0
40.0	36.9	75.6	5 500	19 800 *	42.7	78.3	3 900	22 100 *	51.1	81.3	1 300	26 800 *				40.0
42.0	31.7	72.6	4 900	18 300 *	38.2	75.9	3 400	20 300 *	47.3	79.6	1 000	24 400 *	55.0	81.6	27 200	42.0
44.0	25.5	68.8	4 400	16 900 *	33.2	73.1	2 900	18 700 *	43.2	77.5	700	22 300 *	51.3	80.1	25 700	44.0
46.0	17.4	63.6	3 900	15 700 *	27.4	69.6	2 500	17 300 *	38.7	75.2	400	20 400 *	47.5	78.3	24 200	46.0
48.0					20.0	64.9	2 100	16 000 *	33.8	72.4		18 900 *	43.4	76.3	22 400 *	48.0
50.0									28.0	69.0		17 500 *	39.0	74.0	20 600 *	50.0
52.0									20.9	64.5		16 200 *	34.0	71.2	19 000 *	52.0
54.0													28.3	67.8	17 500 *	54.0
56.0													21.3	63.4	16 300 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	70.3	92.1	14 700	44 800 *												22.9
24.0	68.6	91.7	13 700	43 700 *												24.0
26.0	65.7	90.8	12 000	40 100 *												26.0
28.0	62.7	89.8	10 600	35 300 *	66.5	90.7	7 900	41 400 *								28.0
30.0	59.6	88.7	9 400	31 400 *	63.5	89.7	7 000	36 600 *								30.0
32.0	56.4	87.4	8 300	28 300 *	60.5	88.6	6 100	32 500 *								32.0
34.0	53.1	86.0	7 500	25 600 *	57.3	87.4	5 400	29 100 *								34.0
36.0	49.7	84.4	6 700	23 300 *	54.1	86.0	4 700	26 300 *	60.8	87.8	1 800	32 900 *				36.0
38.0	46.0	82.5	5 900	21 300 *	50.6	84.4	4 100	23 900 *	57.7	86.6	1 400	29 400 *				38.0
40.0	42.1	80.4	5 300	19 600 *	47.0	82.6	3 600	21 900 *	54.4	85.2	1 000	26 600 *				40.0
42.0	37.9	78.0	4 700	18 100 *	43.2	80.6	3 100	20 100 *	51.0	83.6	700	24 100 *				42.0
44.0	33.2	75.1	4 200	16 700 *	39.1	78.3	2 700	18 500 *	47.4	81.9	300	22 000 *	54.6	83.9	25 400	44.0
46.0	27.8	71.6	3 700	15 500 *	34.6	75.6	2 300	17 100 *	43.6	79.9		20 300 *	51.2	82.4	24 000	46.0
48.0	21.2	67.2	3 200	14 400 *	29.4	72.3	1 900	15 900 *	39.5	77.6		18 600 *	47.6	80.6	22 200 *	48.0
50.0	11.3	60.0	2 700	13 200 *	23.2	68.2	1 500	14 800 *	35.0	74.9		17 200 *	43.8	78.6	20 300 *	50.0
52.0									30.0	71.7		16 000 *	39.8	76.4	18 700 *	52.0
54.0									23.9	67.7		14 900 *	35.3	73.7	17 300 *	54.0
56.0									15.8	62.0		13 800 *	30.3	70.5	16 100 *	56.0
58.0													24.3	66.6	14 900 *	58.0
60.0													16.3	61.0	13 900 *	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	69.6	94.8	13 000	41 600 *												24.4
26.0	67.4	94.1	11 700	40 300 *												26.0
28.0	64.7	93.2	10 300	35 700 *												28.0
30.0	61.8	92.2	9 100	31 800 *	65.4	93.1	6 700	37 000 *								30.0
32.0	58.9	91.0	8 100	28 500 *	62.6	92.1	5 800	32 800 *								32.0
34.0	56.0	89.7	7 200	25 800 *	59.8	91.0	5 100	29 400 *								34.0
36.0	52.8	88.3	6 400	23 500 *	56.8	89.7	4 400	26 500 *								36.0
38.0	49.6	86.7	5 700	21 500 *	53.7	88.3	3 900	24 100 *	60.1	90.1	1 100	29 700 *				38.0
40.0	46.2	84.8	5 100	19 700 *	50.5	86.7	3 300	22 000 *	57.1	88.9	700	26 800 *				40.0
42.0	42.6	82.7	4 500	18 200 *	47.2	84.9	2 900	20 200 *	54.0	87.5	400	24 300 *				42.0
44.0	38.7	80.4	3 900	16 800 *	43.6	82.9	2 400	18 600 *	50.9	85.9	100	22 200 *				44.0
46.0	34.4	77.6	3 500	15 600 *	39.8	80.7	2 000	17 200 *	47.5	84.2		20 400 *	54.2	86.2	23 800	46.0
48.0	29.7	74.4	3 000	14 500 *	35.7	78.0	1 700	16 000 *	44.0	82.2		18 800 *	51.0	84.7	22 300	48.0
50.0	24.0	70.3	2 600	13 500 *	31.1	74.9	1 300	14 800 *	40.2	79.9		17 300 *	47.7	82.9	20 500 *	50.0
52.0	16.6	64.8	2 200	12 600 *	25.7	71.2	1 000	13 800 *	36.1	77.3		16 100 *	44.2	81.0	18 900 *	52.0
54.0					19.0	66.2	700	12 800 *	31.6	74.3		14 900 *	40.4	78.7	17 400 *	54.0
56.0									26.3	70.6		13 900 *	36.3	76.2	16 200 *	56.0
58.0									19.8	65.8		13 000 *	31.8	73.1	15 000 *	58.0
60.0													26.6	69.5	14 000 *	60.0
62.0													20.1	64.8	13 000 *	62.0
64.0													10.3	57.1	12 200 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Oper. Rad. Meters
24.4	70.9	98.0	12 800	38 500 *												24.4
26.0	68.9	97.4	11 400	37 200 *												26.0
28.0	66.3	96.6	10 100	35 500 *												28.0
30.0	63.7	95.6	8 900	32 000 *												30.0
32.0	61.1	94.6	7 800	28 600 *	64.5	95.5	5 500	32 900 *								32.0
34.0	58.4	93.4	6 900	25 800 *	61.8	94.5	4 800	29 400 *								34.0
36.0	55.5	92.1	6 100	23 400 *	59.1	93.3	4 200	26 500 *								36.0
38.0	52.6	90.6	5 400	21 400 *	56.3	92.0	3 600	24 100 *								38.0
40.0	49.6	89.0	4 800	19 600 *	53.4	90.6	3 000	21 900 *	59.4	92.5	400	26 800 *				40.0
42.0	46.4	87.1	4 200	18 100 *	50.4	89.0	2 600	20 100 *	56.6	91.2		24 300 *				42.0
44.0	43.0	85.1	3 700	16 700 *	47.3	87.2	2 200	18 500 *	53.7	89.8		22 100 *				44.0
46.0	39.4	82.7	3 200	15 500 *	44.0	85.3	1 800	17 100 *	50.7	88.2		20 300 *	56.8	90.0	23 500	46.0
48.0	35.5	80.1	2 800	14 400 *	40.4	83.0	1 400	15 800 *	47.6	86.5		18 700 *	53.9	88.5	22 200	48.0
50.0	31.2	77.0	2 400	13 400 *	36.6	80.5	1 100	14 700 *	44.3	84.5		17 200 *	50.9	87.0	20 400 *	50.0
52.0	26.2	73.3	2 000	12 400 *	32.4	77.5	700	13 600 *	40.8	82.3		15 900 *	47.8	85.2	18 800 *	52.0
54.0	20.1	68.5	1 600	11 600 *	27.7	74.0	400	12 700 *	37.0	79.8		14 800 *	44.5	83.3	17 300 *	54.0
56.0	11.1	61.1	1 200	10 300 *	22.0	69.6	200	11 900 *	32.9	76.9		13 700 *	41.0	81.1	16 000 *	56.0
58.0									28.2	73.4		12 800 *	37.2	78.6	14 800 *	58.0
60.0									22.6	69.1		11 900 *	33.1	75.7	13 800 *	60.0
62.0									15.2	63.1		11 200 *	28.5	72.3	12 900 *	62.0
64.0													23.0	68.0	12 000 *	64.0
66.0													15.7	62.2	11 200 *	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	70.3	100.7	11 400	35 100 *												25.9
26.0	70.2	100.7	11 300	35 100 *												26.0
28.0	67.8	99.9	9 900	33 700 *												28.0
30.0	65.4	99.0	8 700	31 600 *												30.0
32.0	62.9	98.0	7 700	28 400 *	66.1	98.9	5 300	32 400 *								32.0
34.0	60.4	97.0	6 800	25 600 *	63.6	97.9	4 600	29 300 *								34.0
36.0	57.8	95.7	6 000	23 300 *	61.1	96.9	4 000	26 400 *								36.0
38.0	55.2	94.4	5 300	21 300 *	58.6	95.7	3 400	23 900 *								38.0
40.0	52.4	92.9	4 600	19 500 *	55.9	94.4	2 900	21 800 *	61.4	96.0	200	26 700 *				40.0
42.0	49.5	91.3	4 100	17 900 *	53.2	92.9	2 400	20 000 *	58.8	94.8		24 200 *				42.0
44.0	46.5	89.4	3 500	16 500 *	50.3	91.3	2 000	18 400 *	56.2	93.5		22 000 *				44.0
46.0	43.4	87.4	3 100	15 300 *	47.4	89.6	1 600	17 000 *	53.5	92.1		20 200 *				46.0
48.0	40.0	85.1	2 700	14 200 *	44.3	87.6	1 300	15 700 *	50.6	90.5		18 500 *	56.3	92.3	22 000	48.0
50.0	36.4	82.5	2 200	13 200 *	41.0	85.4	900	14 500 *	47.7	88.8		17 100 *	53.6	90.9	20 300 *	50.0
52.0	32.5	79.6	1 900	12 300 *	37.5	82.9	600	13 500 *	44.6	86.8		15 800 *	50.8	89.3	18 600 *	52.0
54.0	28.0	76.1	1 500	11 500 *	33.6	80.0	400	12 600 *	41.3	84.6		14 600 *	47.9	87.5	17 200 *	54.0
56.0	22.8	71.8	1 200	10 700 *	29.3	76.7	100	11 700 *	37.8	82.2		13 600 *	44.8	85.6	15 900 *	56.0
58.0	16.0	66.0	900	10 000 *	24.4	72.7		10 900 *	34.0	79.4		12 700 *	41.5	83.4	14 700 *	58.0
60.0					18.1	67.4		10 200 *	29.8	76.1		11 800 *	38.0	81.0	13 700 *	60.0
62.0									24.9	72.2		11 000 *	34.2	78.2	12 700 *	62.0
64.0									18.9	67.1		10 300 *	30.0	75.0	11 800 *	64.0
66.0													25.2	71.1	11 100 *	66.0
68.0													19.2	66.1	10 300 *	68.0
70.0													10.2	58.2	9 700 *	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	69.8	103.4	10 000	31 900 *											27.4
28.0	69.1	103.2	9 600	31 500 *											28.0
30.0	66.9	102.4	8 400	29 800 *											30.0
32.0	64.6	101.5	7 400	28 200 *											32.0
34.0	62.2	100.4	6 500	25 400 *	65.2	101.3	4 300	28 500 *							34.0
36.0	59.8	99.3	5 700	23 100 *	62.9	100.3	3 700	26 300 *							36.0
38.0	57.4	98.1	5 000	21 000 *	60.5	99.2	3 100	23 700 *							38.0
40.0	54.8	96.7	4 400	19 300 *	58.0	98.0	2 600	21 600 *							40.0
42.0	52.2	95.2	3 800	17 700 *	55.5	96.7	2 200	19 700 *	60.7	98.4	24 000 *				42.0
44.0	49.5	93.6	3 300	16 300 *	53.0	95.2	1 700	18 100 *	58.3	97.2	21 800 *				44.0
46.0	46.7	91.7	2 800	15 100 *	50.3	93.6	1 400	16 700 *	55.8	95.9	19 900 *				46.0
48.0	43.7	89.7	2 400	14 000 *	47.5	91.9	1 000	15 400 *	53.2	94.4	18 300 *				48.0
50.0	40.6	87.5	2 000	13 000 *	44.6	89.9	700	14 300 *	50.6	92.8	16 800 *	55.9	94.6	20 000 *	50.0
52.0	37.2	85.0	1 600	12 100 *	41.5	87.7	400	13 200 *	47.8	91.1	15 500 *	53.4	93.2	18 400 *	52.0
54.0	33.6	82.1	1 300	11 300 *	38.2	85.3		12 300 *	44.9	89.1	14 400 *	50.7	91.6	16 900 *	54.0
56.0	29.5	78.8	1 000	10 500 *	34.6	82.5		11 500 *	41.8	87.0	13 300 *	47.9	89.8	15 600 *	56.0
58.0	24.9	74.8	700	9 800 *	30.7	79.4		10 700 *	38.5	84.6	12 400 *	45.0	87.9	14 500 *	58.0
60.0	19.3	69.8	400	9 200 *	26.3	75.6		10 000 *	35.0	81.9	11 600 *	42.0	85.8	13 400 *	60.0
62.0	11.0	62.2	100	8 100 *	21.0	71.0		9 300 *	31.1	78.7	10 800 *	38.7	83.4	12 500 *	62.0
64.0					13.8	64.4		8 700 *	26.8	75.1	10 100 *	35.2	80.7	11 600 *	64.0
66.0									21.6	70.5	9 400 *	31.3	77.6	10 800 *	66.0
68.0									14.7	64.3	8 800 *	27.0	73.9	10 100 *	68.0
70.0												21.9	69.5	9 400 *	70.0
72.0												15.2	63.3	8 800 *	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	70.9	106.7	9 700	29 800 *											27.4
28.0	70.3	106.5	9 400	29 300 *											28.0
30.0	68.1	105.7	8 200	27 900 *											30.0
32.0	66.0	104.8	7 200	26 400 *											32.0
34.0	63.8	103.9	6 300	24 900 *	66.6	104.7	4 100	26 700 *							34.0
36.0	61.6	102.8	5 500	22 900 *	64.4	103.7	3 400	25 300 *							36.0
38.0	59.3	101.7	4 700	20 800 *	62.2	102.7	2 900	23 500 *							38.0
40.0	56.9	100.4	4 100	19 000 *	59.9	101.6	2 400	21 300 *							40.0
42.0	54.5	99.0	3 600	17 500 *	57.6	100.4	1 900	19 500 *							42.0
44.0	52.0	97.5	3 100	16 100 *	55.2	99.0	1 500	17 900 *	60.2	100.7	21 600 *				44.0
46.0	49.5	95.9	2 600	14 800 *	52.7	97.5	1 100	16 500 *	57.8	99.5	19 700 *				46.0
48.0	46.8	94.0	2 100	13 800 *	50.2	95.9	700	15 200 *	55.5	98.2	18 100 *				48.0
50.0	44.0	92.0	1 800	12 800 *	47.6	94.2	400	14 000 *	53.0	96.7	16 600 *				50.0
52.0	41.1	89.8	1 400	11 800 *	44.8	92.2		13 000 *	50.5	95.1	15 300 *	55.6	96.9	18 100 *	52.0
54.0	37.9	87.4	1 100	11 000 *	41.9	90.1		12 100 *	47.8	93.4	14 200 *	53.1	95.5	16 700 *	54.0
56.0	34.5	84.6	800	10 300 *	38.8	87.7		11 200 *	45.1	91.5	13 100 *	50.6	93.9	15 400 *	56.0
58.0	30.8	81.4	500	9 600 *	35.5	85.0		10 500 *	42.2	89.3	12 200 *	48.0	92.1	14 200 *	58.0
60.0	26.7	77.7	200	8 900 *	31.9	82.0		9 800 *	39.1	87.0	11 300 *	45.2	90.2	13 200 *	60.0
62.0	21.8	73.2		8 300 *	27.9	78.4		9 100 *	35.9	84.3	10 600 *	42.4	88.1	12 200 *	62.0
64.0	15.4	67.1		7 800 *	23.2	74.2		8 500 *	32.3	81.3	9 800 *	39.3	85.8	11 400 *	64.0
66.0					17.4	68.7		7 900 *	28.3	77.8	9 200 *	36.0	83.1	10 600 *	66.0
68.0									23.8	73.7	8 600 *	32.5	80.2	9 900 *	68.0
70.0									18.1	68.3	8 000 *	28.5	76.7	9 200 *	70.0
72.0												24.0	72.6	8 600 *	72.0
74.0												18.5	67.3	8 000 *	74.0
76.0												10.2	59.3	7 500 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	70.3	109.4	8 500	25 800 *											29.0
30.0	69.3	109.0	7 900	25 000 *											30.0
32.0	67.3	108.2	6 900	23 600 *											32.0
34.0	65.2	107.3	6 000	22 200 *											34.0
36.0	63.1	106.3	5 200	20 800 *	65.8	107.1	3 200	22 500 *							36.0
38.0	61.0	105.2	4 500	19 500 *	63.7	106.2	2 600	21 200 *							38.0
40.0	58.8	104.0	3 900	18 200 *	61.6	105.1	2 100	19 900 *							40.0
42.0	56.6	102.7	3 300	17 000 *	59.4	104.0	1 600	18 600 *							42.0
44.0	54.3	101.3	2 800	15 900 *	57.2	102.7	1 200	17 400 *							44.0
46.0	51.9	99.8	2 300	14 800 *	54.9	101.3	800	16 300 *	59.6	103.1	18 700 *				46.0
48.0	49.5	98.2	1 900	13 600 *	52.6	99.8	500	15 100 *	57.4	101.9	17 500 *				48.0
50.0	46.9	96.3	1 500	12 600 *	50.1	98.2	100	13 900 *	55.1	100.5	16 400 *				50.0
52.0	44.3	94.4	1 100	11 700 *	47.6	96.5		12 900 *	52.8	99.0	15 300 *	57.5	100.6	17 400 *	52.0
54.0	41.5	92.2	800	10 900 *	45.0	94.5		12 000 *	50.4	97.4	14 100 *	55.3	99.3	16 300 *	54.0
56.0	38.5	89.8	500	10 100 *	42.3	92.4		11 100 *	47.9	95.7	13 000 *	52.9	97.8	15 300 *	56.0
58.0	35.4	87.1	200	9 400 *	39.4	90.1		10 300 *	45.3	93.8	12 100 *	50.5	96.2	14 100 *	58.0
60.0	32.0	84.0		8 700 *	36.3	87.4		9 600 *	42.6	91.7	11 200 *	48.0	94.4	13 100 *	60.0
62.0	28.2	80.5		8 100 *	33.0	84.5		8 900 *	39.7	89.3	10 400 *	45.4	92.5	12 100 *	62.0
64.0	23.8	76.3		7 500 *	29.3	81.1		8 300 *	36.6	86.8	9 700 *	42.7	90.4	11 200 *	64.0
66.0	18.5	71.1		7 000 *	25.1	77.2		7 800 *	33.3	83.9	9 000 *	39.8	88.1	10 500 *	66.0
68.0	10.9	63.3		6 200 *	20.1	72.3		7 200 *	29.7	80.5	8 400 *	36.8	85.6	9 700 *	68.0
70.0					13.5	65.5		6 600 *	25.6	76.7	7 800 *	33.5	82.7	9 100 *	70.0
72.0									20.7	71.9	7 300 *	29.9	79.4	8 400 *	72.0
74.0									14.3	65.4	6 800 *	25.8	75.5	7 800 *	74.0
76.0												21.0	70.8	7 300 *	76.0
78.0												14.7	64.5	6 800 *	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18.3	64.7	77.3	21 200 b	78 900 * b												18.3
20.0	59.5	76.3	18 700 b	65 600 * b												20.0
22.0	52.9	74.9	16 300 b	54 700 * b	62.2	76.4	12 400 b	69 000 b								22.0
24.0	45.7	73.1	14 400	46 800 *	55.8	75.1	10 900 b	59 500 b								24.0
26.0	37.4	70.8	12 700	40 700 *	48.9	73.5	9 600	50 000 *								26.0
28.0	27.0	67.5	11 300	35 900 *	41.2	71.4	8 500	43 200 *	58.2	74.5	4 300 b	47 900 b				28.0
30.0					32.0	68.6	7 500	37 900 *	51.5	73.1	3 600	44 000				30.0
32.0					18.9	64.2	6 600	33 700 *	44.1	71.2	3 100	40 700				32.0
34.0									35.6	68.7	2 600	37 800	53.6	72.1	35 100 b	34.0
36.0									24.5	65.1	2 100	34 900	46.5	70.3	32 700	36.0
38.0													38.4	68.0	30 600	38.0
40.0													28.3	64.9	28 700	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18.3	68.1	80.6	21 000 b	77 400 * b												18.3
20.0	63.6	79.8	18 500 b	66 200 * b												20.0
22.0	58.2	78.7	16 100 b	55 000 * b	65.9	79.8	12 000 b	68 800 b								22.0
24.0	52.4	77.2	14 200	47 000 *	60.6	78.7	10 500 b	59 700 b								24.0
26.0	46.1	75.4	12 500	40 900 *	55.0	77.4	9 300	50 200 *								26.0
28.0	39.1	73.2	11 100	36 100 *	49.0	75.8	8 200	43 400 *								28.0
30.0	30.6	70.2	9 900	32 200 *	42.3	73.8	7 300	38 100 *	57.1	76.9	3 300	43 800				30.0
32.0	19.0	65.7	8 800	28 900 *	34.5	71.2	6 500	33 800 *	51.2	75.4	2 700	40 400				32.0
34.0					24.7	67.5	5 700	30 300 *	44.8	73.5	2 300	37 500				34.0
36.0									37.5	71.1	1 800	34 900	53.0	74.4	32 500	36.0
38.0									28.7	68.0	1 400	31 500 *	46.8	72.6	30 400	38.0
40.0													39.8	70.4	28 500	40.0
42.0													31.6	67.6	26 800	42.0
44.0													20.5	63.3	25 300	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18.3	70.6	83.9	20 700 b	71 700 *b												18.3
20.0	66.8	83.2	18 200 b	66 800 *b												20.0
22.0	62.1	82.2	15 900	55 200 *												22.0
24.0	57.2	81.0	14 000	47 200 *	64.2	82.2	10 300	59 600								24.0
26.0	52.0	79.5	12 400	41 000 *	59.4	81.1	9 100	50 400 *								26.0
28.0	46.5	77.7	11 000	36 100 *	54.3	79.7	8 000	43 500 *								28.0
30.0	40.3	75.6	9 800	32 300 *	49.0	78.1	7 100	38 200 *								30.0
32.0	33.2	72.8	8 800	29 000 *	43.1	76.1	6 300	33 900 *	56.2	79.2	2 500	40 200				32.0
34.0	24.2	69.0	7 900	26 300 *	36.4	73.7	5 500	30 300 *	51.0	77.7	2 000	37 400				34.0
36.0					28.4	70.4	4 900	27 400 *	45.3	75.8	1 600	34 800				36.0
38.0					17.3	65.5	4 300	24 900 *	38.9	73.5	1 200	31 600	52.6	76.7	30 200	38.0
40.0									31.5	70.6	900	28 400 *	47.1	74.9	28 300	40.0
42.0									22.0	66.5	500	25 800 *	41.0	72.8	26 600	42.0
44.0													34.0	70.1	25 100	44.0
46.0													25.3	66.5	23 700	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	69.6	86.6	18 200 b	62 900 *b												19.8
20.0	69.2	86.5	18 000 b	62 400 *b												20.0
22.0	65.1	85.6	15 600	56 300 *												22.0
24.0	60.9	84.6	13 700	47 400 *												24.0
26.0	56.4	83.3	12 100	41 200 *	62.7	84.6	8 700	50 800 *								26.0
28.0	51.7	81.8	10 700	36 300 *	58.4	83.4	7 700	43 700 *								28.0
30.0	46.7	80.1	9 600	32 300 *	53.8	82.1	6 800	38 300 *								30.0
32.0	41.2	77.9	8 600	29 000 *	49.0	80.4	6 000	33 900 *								32.0
34.0	35.0	75.3	7 700	26 300 *	43.7	78.5	5 300	30 400 *	55.5	81.5	1 700	37 100				34.0
36.0	27.6	71.9	6 800	23 900 *	37.9	76.1	4 700	27 400 *	50.8	80.0	1 200	34 500				36.0
38.0	17.5	66.9	6 100	21 900 *	31.1	73.1	4 100	24 900 *	45.7	78.1	900	31 600				38.0
40.0					22.5	69.0	3 600	22 700 *	40.0	75.9	600	28 500 *	52.2	79.0	28 000	40.0
42.0									33.7	73.2	300	25 800 *	47.3	77.2	26 300	42.0
44.0									25.9	69.6		23 500 *	41.8	75.1	24 800	44.0
46.0													35.7	72.6	23 500	46.0
48.0													28.5	69.3	22 200	48.0
50.0													18.8	64.6	21 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	68.8	89.2	16 100	58 100 *												21.3
22.0	67.5	89.0	15 400	55 900 *												22.0
24.0	63.7	88.0	13 400	48 700 *												24.0
26.0	59.8	86.9	11 900	42 100 *	65.4	88.0	8 400	51 900 *								26.0
28.0	55.8	85.6	10 500	37 000 *	61.6	87.0	7 400	44 700 *								28.0
30.0	51.5	84.1	9 300	33 000 *	57.6	85.8	6 500	39 100 *								30.0
32.0	46.9	82.4	8 300	29 700 *	53.4	84.4	5 700	34 700 *								32.0
34.0	42.0	80.3	7 500	26 800 *	49.0	82.7	5 000	31 000 *	59.0	85.1	1 300	36 800				34.0
36.0	36.5	77.8	6 700	24 400 *	44.2	80.8	4 400	28 000 *	54.9	83.8	1 000	34 300				36.0
38.0	30.2	74.6	5 900	22 400 *	39.0	78.5	3 900	25 500 *	50.6	82.3	600	32 100				38.0
40.0	22.2	70.5	5 300	20 600 *	33.1	75.7	3 300	23 200 *	46.0	80.4	300	29 100 *	56.2	82.8	27 800	40.0
42.0					26.0	72.0	2 900	21 400 *	40.9	78.3		26 300 *	52.0	81.3	26 100	42.0
44.0					16.2	66.7	2 400	19 700 *	35.3	75.7		24 000 *	47.4	79.5	24 600	44.0
46.0									28.7	72.4		22 000 *	42.5	77.5	23 300	46.0
48.0									20.3	67.9		20 300 *	37.1	75.0	22 000	48.0
50.0													30.9	72.0	20 900	50.0
52.0													23.2	68.0	19 900	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	70.6	92.5	15 800	53 600 *												21.3
22.0	69.5	92.3	15 100	52 700 *												22.0
24.0	66.1	91.4	13 200	48 700 *												24.0
26.0	62.6	90.4	11 500	42 300 *	67.6	91.3	8 100	51 100 *								26.0
28.0	59.0	89.3	10 200	37 200 *	64.1	90.4	7 100	45 100 *								28.0
30.0	55.2	88.0	9 100	33 000 *	60.6	89.4	6 200	39 200 *								30.0
32.0	51.3	86.4	8 100	29 600 *	56.9	88.1	5 400	34 700 *								32.0
34.0	47.1	84.7	7 200	26 800 *	53.0	86.7	4 700	31 100 *	61.9	88.7	1 000	36 600				34.0
36.0	42.6	82.6	6 400	24 400 *	49.0	85.0	4 100	28 000 *	58.2	87.5	600	34 000				36.0
38.0	37.7	80.2	5 700	22 300 *	44.6	83.1	3 600	25 400 *	54.5	86.1	300	31 800				38.0
40.0	32.1	77.3	5 100	20 500 *	39.9	80.8	3 100	23 200 *	50.5	84.6		29 100 *				40.0
42.0	25.5	73.5	4 500	18 900 *	34.7	78.2	2 600	21 300 *	46.2	82.7		26 300 *	55.6	85.1	25 800	42.0
44.0	16.5	68.1	3 900	17 500 *	28.6	74.8	2 200	19 600 *	41.7	80.6		24 000 *	51.7	83.6	24 400	44.0
46.0									36.6	78.1		22 000 *	47.6	81.8	23 000	46.0
48.0					20.9	70.4	1 800	18 100 *	30.9	75.0		20 200 *	43.1	79.8	21 800	48.0
50.0									24.0	71.1		18 600 *	38.2	77.4	20 600	50.0
52.0													32.8	74.6	19 600	52.0
54.0													26.3	70.9	18 600	54.0
56.0													17.6	65.8	17 600	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	69.8	95.2	14 100	48 500 *												22.9
24.0	68.0	94.7	13 000	47 300 *												24.0
26.0	64.9	93.8	11 400	42 300 *												26.0
28.0	61.6	92.8	10 100	37 100 *	66.3	93.8	6 900	44 900 *								28.0
30.0	58.3	91.6	9 000	33 000 *	63.1	92.8	6 000	39 200 *								30.0
32.0	54.8	90.3	7 900	29 600 *	59.7	91.7	5 300	34 700 *								32.0
34.0	51.1	88.7	7 100	26 800 *	56.3	90.4	4 600	31 000 *								34.0
36.0	47.3	87.0	6 300	24 300 *	52.7	89.0	4 000	28 000 *	60.9	91.0	500	34 000				36.0
38.0	43.1	84.9	5 600	22 200 *	49.0	87.3	3 500	25 300 *	57.6	89.8	100	31 800				38.0
40.0	38.7	82.6	5 000	20 400 *	45.0	85.4	3 000	23 100 *	54.0	88.4		29 000 *				40.0
42.0	33.7	79.8	4 400	18 800 *	40.7	83.2	2 500	21 200 *	50.4	86.9		26 200 *				42.0
44.0	28.0	76.4	3 900	17 400 *	35.9	80.6	2 100	19 500 *	46.5	85.0		23 900 *	55.1	87.4	24 200	44.0
46.0	20.8	71.8	3 400	16 200 *	30.6	77.5	1 800	18 000 *	42.3	83.0		21 900 *	51.5	85.9	22 900	46.0
48.0					24.2	73.6	1 400	16 700 *	37.7	80.5		20 100 *	47.7	84.1	21 700	48.0
50.0					15.4	67.8	1 000	15 500 *	32.6	77.6		18 600 *	43.6	82.1	20 600	50.0
52.0									26.7	74.0		17 200 *	39.2	79.8	19 500	52.0
54.0									19.0	69.2		15 900 *	34.3	77.1	18 600	54.0
56.0													28.6	73.7	17 600	56.0
58.0													21.6	69.4	16 300 *	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	69.1	97.9	12 400	43 900 *											24.4
26.0	66.8	97.2	11 100	42 200 *											26.0
28.0	63.8	96.3	9 800	36 900 *											28.0
30.0	60.8	95.2	8 700	32 800 *	65.1	96.2	5 700	39 100 *							30.0
32.0	57.6	94.0	7 700	29 400 *	62.1	95.2	4 900	34 500 *							32.0
34.0	54.4	92.6	6 800	26 500 *	59.0	94.1	4 300	30 800 *							34.0
36.0	51.0	91.0	6 000	24 100 *	55.8	92.8	3 700	27 700 *							36.0
38.0	47.4	89.3	5 400	22 000 *	52.5	91.3	3 200	25 200 *	60.1	93.4	31 500				38.0
40.0	43.6	87.3	4 700	20 200 *	49.0	89.6	2 700	22 900 *	57.0	92.2	28 900 *				40.0
42.0	39.5	85.0	4 200	18 600 *	45.3	87.7	2 300	21 000 *	53.7	90.8	26 000 *				42.0
44.0	35.0	82.3	3 700	17 200 *	41.3	85.6	1 900	19 300 *	50.3	89.2	23 700 *				44.0
46.0	29.9	79.1	3 200	16 000 *	37.0	83.1	1 500	17 800 *	46.6	87.4	21 700 *	54.7	89.7	22 600	46.0
48.0	23.9	75.0	2 800	14 800 *	32.2	80.1	1 200	16 500 *	42.8	85.3	19 900 *	51.3	88.2	21 400	48.0
50.0	15.7	69.3	2 400	13 800 *	26.7	76.5	900	15 300 *	38.6	82.9	18 300 *	47.8	86.4	20 300	50.0
52.0					19.7	71.7	500	14 200 *	34.0	80.2	17 000 *	44.0	84.5	19 300	52.0
54.0									28.8	76.8	15 700 *	39.9	82.2	18 300	54.0
56.0									22.5	72.5	14 600 *	35.5	79.6	17 400	56.0
58.0												30.5	76.4	16 100 *	58.0
60.0												24.6	72.5	15 000 *	60.0
62.0												16.8	67.0	13 900 *	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	70.6	101.1	12 200	42 100 *											24.4
26.0	68.4	100.5	10 900	40 800 *											26.0
28.0	65.7	99.6	9 500	37 500 *											28.0
30.0	62.9	98.7	8 400	33 100 *											30.0
32.0	60.0	97.5	7 400	29 700 *	64.1	98.6	4 700	34 800 *							32.0
34.0	57.1	96.3	6 600	26 800 *	61.3	97.6	4 000	31 100 *							34.0
36.0	54.0	94.9	5 800	24 300 *	58.4	96.4	3 400	28 000 *							36.0
38.0	50.8	93.3	5 100	22 200 *	55.4	95.1	2 900	25 300 *							38.0
40.0	47.5	91.6	4 500	20 400 *	52.2	93.6	2 400	23 100 *	59.4	95.8	29 100 *				40.0
42.0	44.0	89.6	4 000	18 700 *	49.0	91.9	2 000	21 100 *	56.5	94.5	26 200 *				42.0
44.0	40.2	87.3	3 500	17 300 *	45.5	90.0	1 600	19 400 *	53.4	93.1	23 900 *				44.0
46.0	36.1	84.7	3 000	16 100 *	41.9	87.9	1 300	17 900 *	50.2	91.5	21 800 *	57.4	93.4	22 400	46.0
48.0	31.5	81.7	2 600	14 900 *	37.9	85.5	900	16 600 *	46.8	89.7	20 000 *	54.3	92.0	21 200	48.0
50.0	26.2	78.0	2 200	13 900 *	33.6	82.6	600	15 400 *	43.2	87.6	18 400 *	51.2	90.5	20 100	50.0
52.0	19.7	73.2	1 800	12 900 *	28.7	79.3	300	14 300 *	39.4	85.3	17 100 *	47.8	88.7	19 000	52.0
54.0					22.8	75.0		13 300 *	35.2	82.6	15 800 *	44.3	86.8	18 100	54.0
56.0					14.8	69.0		12 500 *	30.5	79.5	14 700 *	40.6	84.6	17 300	56.0
58.0									25.1	75.6	13 700 *	36.5	82.0	16 200 *	58.0
60.0									18.1	70.4	12 800 *	32.0	79.0	15 100 *	60.0
62.0												26.8	75.4	14 000 *	62.0
64.0												20.5	70.7	13 100 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	69.9	103.8	10 700	37 800 *											25.9
26.0	69.8	103.8	10 600	37 700 *											26.0
28.0	67.3	103.0	9 300	36 200 *											28.0
30.0	64.7	102.1	8 100	33 500 *											30.0
32.0	62.1	101.0	7 200	29 700 *	65.9	102.0	4 400	35 000 *							32.0
34.0	59.4	99.9	6 300	26 800 *	63.2	101.1	3 700	31 200 *							34.0
36.0	56.6	98.6	5 500	24 300 *	60.6	100.0	3 100	28 000 *							36.0
38.0	53.7	97.2	4 800	22 100 *	57.8	98.7	2 600	25 300 *							38.0
40.0	50.7	95.6	4 200	20 300 *	55.0	97.4	2 100	23 000 *	61.5	99.3	28 900				40.0
42.0	47.6	93.9	3 700	18 600 *	52.0	95.9	1 700	21 100 *	58.8	98.1	26 300 *				42.0
44.0	44.3	91.9	3 200	17 200 *	49.0	94.2	1 300	19 300 *	56.0	96.8	23 800 *				44.0
46.0	40.8	89.7	2 700	15 900 *	45.8	92.3	1 000	17 800 *	53.1	95.4	21 800 *				46.0
48.0	37.0	87.2	2 300	14 800 *	42.3	90.2	600	16 500 *	50.1	93.8	19 900 *	56.9	95.7	20 900	48.0
50.0	32.9	84.3	1 900	13 700 *	38.7	87.9	400	15 300 *	46.9	92.0	18 400 *	54.0	94.3	19 800	50.0
52.0	28.2	80.8	1 600	12 800 *	34.7	85.1		14 100 *	43.6	89.9	16 900 *	51.0	92.8	18 800	52.0
54.0	22.6	76.5	1 200	11 900 *	30.3	81.9		13 200 *	40.0	87.7	15 700 *	47.9	91.0	17 800	54.0
56.0	15.1	70.5	900	11 000 *	25.2	78.1		12 300 *	36.2	85.1	14 500 *	44.6	89.1	17 000	56.0
58.0					18.7	73.0		11 500 *	32.0	82.1	13 500 *	41.2	86.9	16 100 *	58.0
60.0									27.1	78.5	12 600 *	37.4	84.4	14 900 *	60.0
62.0									21.3	73.9	11 800 *	33.3	81.6	13 800 *	62.0
64.0									13.1	67.3	11 000 *	28.7	78.2	12 900 *	64.0
66.0												23.2	74.0	12 000 *	66.0
68.0												16.1	68.2	11 200 *	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	69.4	106.5	9 500	34 500 *											27.4
28.0	68.7	106.3	9 100	34 100 *											28.0
30.0	66.3	105.4	7 900	32 600 *											30.0
32.0	63.9	104.5	7 000	29 600 *											32.0
34.0	61.4	103.4	6 100	26 600 *	64.9	104.5	3 500	31 200 *							34.0
36.0	58.8	102.3	5 400	24 100 *	62.5	103.4	3 000	27 800 *							36.0
38.0	56.2	101.0	4 700	22 000 *	59.9	102.3	2 400	25 200 *							38.0
40.0	53.4	99.5	4 100	20 100 *	57.3	101.1	2 000	22 900 *							40.0
42.0	50.6	97.9	3 500	18 500 *	54.6	99.7	1 600	20 900 *	60.8	101.7	26 100 *				42.0
44.0	47.7	96.2	3 100	17 000 *	51.9	98.2	1 200	19 200 *	58.3	100.5	23 700 *				44.0
46.0	44.6	94.2	2 600	15 800 *	49.0	96.5	800	17 700 *	55.6	99.1	21 600 *				46.0
48.0	41.3	92.0	2 200	14 600 *	46.0	94.7	500	16 300 *	52.9	97.7	19 800 *				48.0
50.0	37.8	89.6	1 800	13 600 *	42.8	92.6	200	15 100 *	50.0	96.1	18 200 *				50.0
52.0	34.0	86.8	1 500	12 700 *	39.4	90.2		14 000 *	47.1	94.3	16 800 *	53.7	96.7	18 600	52.0
54.0	29.7	83.5	1 200	11 800 *	35.7	87.6		13 100 *	43.9	92.3	15 600 *	50.9	95.1	17 800	54.0
56.0	24.9	79.6	800	11 000 *	31.7	84.6		12 100 *	40.6	90.0	14 400 *	48.0	93.3	16 900	56.0
58.0	18.8	74.5	500	10 300 *	27.1	80.9		11 300 *	37.1	87.5	13 400 *	44.9	91.4	15 900 *	58.0
60.0					21.6	76.4		10 600 *	33.2	84.6	12 500 *	41.7	89.3	14 700 *	60.0
62.0					14.3	70.1		9 900 *	28.8	81.2	11 600 *	38.2	86.8	13 700 *	62.0
64.0									23.8	77.1	10 900 *	34.4	84.1	12 700 *	64.0
66.0									17.3	71.6	10 100 *	30.2	80.8	11 900 *	66.0
68.0												25.4	77.0	11 100 *	68.0
70.0												19.5	72.0	10 400 *	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	70.6	109.7	9 200	32 400 *											27.4
28.0	69.9	109.5	8 800	31 900 *											28.0
30.0	67.7	108.7	7 700	30 400 *											30.0
32.0	65.4	107.9	6 700	28 800 *											32.0
34.0	63.1	106.9	5 800	26 400 *	66.4	107.8	3 300	29 400 *							34.0
36.0	60.7	105.8	5 100	23 900 *	64.1	106.9	2 700	27 500 *							36.0
38.0	58.3	104.6	4 400	21 700 *	61.8	105.8	2 100	24 900 *							38.0
40.0	55.8	103.3	3 800	19 900 *	59.3	104.7	1 700	22 600 *							40.0
42.0	53.2	101.8	3 300	18 200 *	56.9	103.4	1 300	20 700 *							42.0
44.0	50.5	100.2	2 800	16 800 *	54.3	102.0	900	18 900 *	60.2	104.0	23 500 *				44.0
46.0	47.7	98.5	2 300	15 500 *	51.7	100.5	500	17 400 *	57.8	102.8	21 400 *				46.0
48.0	44.8	96.5	1 900	14 400 *	49.0	98.8	200	16 100 *	55.3	101.5	19 600 *				48.0
50.0	41.8	94.4	1 600	13 300 *	46.1	97.0		14 900 *	52.7	100.0	17 900 *				50.0
52.0	38.5	92.0	1 200	12 400 *	43.1	94.9		13 800 *	50.0	98.4	16 600 *	56.0	100.4	18 400	52.0
54.0	35.0	89.3	900	11 600 *	40.0	92.6		12 800 *	47.2	96.6	15 300 *	53.5	99.0	17 500	54.0
56.0	31.1	86.1	600	10 800 *	36.5	90.0		11 900 *	44.2	94.6	14 200 *	50.8	97.4	16 600	56.0
58.0	26.7	82.5	300	10 000 *	32.8	87.1		11 100 *	41.1	92.4	13 200 *	48.0	95.6	15 700 *	58.0
60.0	21.5	77.9		9 400 *	28.7	83.7		10 400 *	37.8	89.9	12 200 *	45.1	93.7	14 500 *	60.0
62.0	14.6	71.6		8 700 *	23.9	79.6		9 700 *	34.2	87.1	11 400 *	42.1	91.6	13 500 *	62.0
64.0					18.0	74.2		9 000 *	30.3	83.9	10 600 *	38.9	89.2	12 500 *	64.0
66.0									25.8	80.1	9 900 *	35.4	86.5	11 600 *	66.0
68.0									20.3	75.3	9 300 *	31.5	83.5	10 900 *	68.0
70.0									12.8	68.4	8 600 *	27.2	79.8	10 100 *	70.0
72.0												22.1	75.4	9 400 *	72.0
74.0												15.5	69.4	8 900 *	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	70.0	112.4	8 000	29 200 *											29.0
30.0	68.9	112.0	7 400	28 400 *											30.0
32.0	66.8	111.2	6 400	26 900 *											32.0
34.0	64.6	110.3	5 600	25 400 *											34.0
36.0	62.4	109.3	4 900	23 700 *	65.6	110.2	2 400	26 000 *							36.0
38.0	60.1	108.2	4 200	21 500 *	63.4	109.3	1 900	24 600 *							38.0
40.0	57.8	106.9	3 600	19 700 *	61.1	108.2	1 400	22 500 *							40.0
42.0	55.4	105.6	3 100	18 000 *	58.8	107.0	1 000	20 500 *							42.0
44.0	53.0	104.1	2 600	16 600 *	56.5	105.7	600	18 700 *							44.0
46.0	50.4	102.5	2 100	15 300 *	54.1	104.3	300	17 200 *	59.7	106.4	21 100 *				46.0
48.0	47.8	100.8	1 700	14 100 *	51.6	102.8		15 800 *	57.3	105.1	19 300 *				48.0
50.0	45.1	98.9	1 300	13 100 *	49.0	101.1		14 600 *	54.9	103.8	17 700 *				50.0
52.0	42.2	96.7	1 000	12 200 *	46.3	99.3		13 600 *	52.5	102.3	16 300 *				52.0
54.0	39.1	94.4	700	11 300 *	43.5	97.2		12 600 *	49.9	100.7	15 100 *	55.7	102.7	17 300	54.0
56.0	35.8	91.7	400	10 500 *	40.5	95.0		11 700 *	47.3	98.9	13 900 *	53.2	101.3	16 400	56.0
58.0	32.3	88.7		9 800 *	37.3	92.5		10 900 *	44.5	96.9	12 900 *	50.7	99.7	15 500 *	58.0
60.0	28.3	85.2		9 200 *	33.9	89.6		10 100 *	41.6	94.7	12 000 *	48.1	97.9	14 300 *	60.0
62.0	23.7	81.1		8 500 *	30.1	86.4		9 400 *	38.5	92.3	11 200 *	45.4	96.0	13 300 *	62.0
64.0	18.1	75.7		8 000 *	25.8	82.5		8 800 *	35.1	89.6	10 400 *	42.5	93.9	12 300 *	64.0
66.0					20.7	77.8		8 200 *	31.5	86.5	9 700 *	39.4	91.6	11 400 *	66.0
68.0					13.9	71.2		7 700 *	27.4	82.9	9 000 *	36.2	89.0	10 700 *	68.0
70.0									22.7	78.6	8 400 *	32.6	86.0	9 900 *	70.0
72.0									16.7	72.9	7 900 *	28.7	82.6	9 300 *	72.0
74.0												24.2	78.5	8 600 *	74.0
76.0												18.7	73.3	8 000 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
30.5	69.6	115.1	6 900	25 200 *											30.5
32.0	68.0	114.5	6 200	24 100 *											32.0
34.0	66.0	113.7	5 300	22 700 *											34.0
36.0	63.9	112.7	4 600	21 300 *	66.9	113.6	2 100	23 200 *							36.0
38.0	61.8	111.7	3 900	20 000 *	64.8	112.7	1 600	21 900 *							38.0
40.0	59.6	110.5	3 300	18 700 *	62.7	111.7	1 100	20 500 *							40.0
42.0	57.4	109.3	2 800	17 500 *	60.6	110.6	700	19 300 *							42.0
44.0	55.1	107.9	2 300	16 300 *	58.4	109.4	300	18 000 *							44.0
46.0	52.8	106.4	1 800	15 200 *	56.1	108.1		16 800 *	61.3	109.9	19 600 *				46.0
48.0	50.4	104.8	1 400	14 100 *	53.8	106.7		15 700 *	59.2	108.7	18 400 *				48.0
50.0	47.9	103.1	1 100	13 000 *	51.4	105.1		14 600 *	56.9	107.5	17 300 *				50.0
52.0	45.3	101.2	700	12 100 *	49.0	103.4		13 500 *	54.7	106.1	16 100 *				52.0
54.0	42.5	99.1	400	11 200 *	46.4	101.6		12 500 *	52.3	104.6	15 000 *				54.0
56.0	39.7	96.7	100	10 400 *	43.7	99.6		11 500 *	49.9	103.0	13 900 *	55.4	105.0	16 100	56.0
58.0	36.6	94.2		9 700 *	40.9	97.3		10 700 *	47.4	101.2	12 800 *	53.0	103.6	15 300 *	58.0
60.0	33.3	91.3		9 000 *	38.0	94.9		10 000 *	44.7	99.2	11 900 *	50.6	102.0	14 200 *	60.0
62.0	29.6	87.9		8 400 *	34.8	92.1		9 300 *	42.0	97.1	11 000 *	48.1	100.2	13 100 *	62.0
64.0	25.5	84.0		7 800 *	31.3	89.0		8 600 *	39.1	94.7	10 200 *	45.5	98.3	12 200 *	64.0
66.0	20.7	79.3		7 200 *	27.4	85.4		8 000 *	35.9	92.1	9 500 *	42.8	96.3	11 300 *	66.0
68.0	14.2	72.8		6 700 *	22.9	81.0		7 500 *	32.6	89.1	8 900 *	40.0	94.0	10 500 *	68.0
70.0					17.3	75.5		6 900 *	28.8	85.7	8 300 *	36.9	91.4	9 700 *	70.0
72.0									24.6	81.6	7 700 *	33.6	88.5	9 100 *	72.0
74.0									19.5	76.6	7 200 *	30.0	85.3	8 400 *	74.0
76.0									12.6	69.5	6 700 *	26.0	81.5	7 900 *	76.0
78.0												21.2	76.8	7 300 *	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	62.3	82.9	18 400 b	72 300 * b												19.8
20.0	61.8	82.8	18 100 b	71 000 * b												20.0
22.0	55.4	81.5	15 800 b	58 300 * b												22.0
24.0	48.5	79.9	13 900	49 500 *	59.2	81.8	9 900 b	61 200 b								24.0
26.0	40.7	77.8	12 300	42 800 *	52.7	80.4	8 700 b	54 500 * b								26.0
28.0	31.3	74.9	10 900	37 600 *	45.4	78.6	7 700	46 500 *								28.0
30.0	17.8	70.3	9 700	33 400 *	37.1	76.2	6 800	40 500 *	56.8	80.1	2 300 b	43 000 b				30.0
32.0					26.6	72.9	6 000	35 800 *	50.0	78.6	1 900	39 700				32.0
34.0									42.5	76.6	1 400	36 900				34.0
36.0									33.5	73.9	1 100	34 400	53.9	77.8	31 500	36.0
38.0									21.4	69.9	700	32 100	46.8	76.1	29 500	38.0
40.0													38.7	73.9	27 700	40.0
42.0													28.8	70.8	26 000	42.0
44.0													12.8	65.2	24 500	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	66.1	86.3	18 100 b	72 800 * b												19.8
20.0	65.6	86.2	17 900 b	71 500 * b												20.0
22.0	60.3	85.2	15 600 b	58 700 * b												22.0
24.0	54.6	83.8	13 700	49 700 *	63.5	85.3	9 600 b	60 900 b								24.0
26.0	48.5	82.2	12 100	43 000 *	58.0	84.2	8 400 b	54 900 * b								26.0
28.0	41.8	80.1	10 700	37 700 *	52.2	82.7	7 400	46 800 *								28.0
30.0	34.0	77.5	9 600	33 500 *	45.9	80.9	6 500	40 700 *								30.0
32.0	24.0	73.7	8 500	30 100 *	38.8	78.7	5 800	35 900 *	55.9	82.5	1 500	39 400				32.0
34.0					30.3	75.7	5 100	32 100 *	49.9	80.9	1 100	36 600				34.0
36.0					18.5	71.0	4 400	28 800 *	43.3	78.9	800	34 100				36.0
38.0									35.8	76.4	400	31 900	53.3	80.2	29 200	38.0
40.0									26.4	73.0		29 900	47.1	78.4	27 400	40.0
42.0													40.2	76.3	25 800	42.0
44.0													32.0	73.4	24 300	44.0
46.0													21.1	69.3	22 900	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	68.9	89.6	17 900 b	68 900 * b												19.8
20.0	68.5	89.6	17 600 b	68 100 * b												20.0
22.0	63.9	88.6	15 300 b	59 400 * b												22.0
24.0	59.1	87.5	13 500	49 900 *												24.0
26.0	54.0	86.2	11 900	43 100 *	61.9	87.7	8 200	54 800								26.0
28.0	48.6	84.5	10 600	37 800 *	57.1	86.5	7 200	47 000 *								28.0
30.0	42.7	82.5	9 400	33 600 *	51.9	85.0	6 300	40 800 *								30.0
32.0	35.9	80.0	8 400	30 100 *	46.3	83.2	5 600	36 000 *								32.0
34.0	27.8	76.7	7 500	27 200 *	40.1	81.0	4 900	32 100 *	55.1	84.8	900	36 400				34.0
36.0	16.3	71.5	6 700	24 800 *	32.9	78.3	4 300	28 900 *	49.8	83.2	500	33 900				36.0
38.0					23.8	74.4	3 700	26 200 *	44.0	81.3	200	31 800				38.0
40.0									37.5	78.9		29 800	52.8	82.5	27 200	40.0
42.0									29.8	75.8		27 800	47.3	80.7	25 600	42.0
44.0									19.4	71.2		25 300 *	41.2	78.6	24 100	44.0
46.0													34.3	76.0	22 800	46.0
48.0													25.7	72.4	21 600	48.0
50.0													12.3	66.3	20 400	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
21.3	68.0	92.3	15 700 b	60 600 *b													21.3
22.0	66.7	92.0	15 100 b	58 200 *b													22.0
24.0	62.5	91.0	13 200	50 500 *													24.0
26.0	58.1	89.9	11 600	43 300 *													26.0
28.0	53.5	88.5	10 300	38 000 *													28.0
30.0	48.6	86.8	9 200	33 700 *	56.3	88.8	6 000	41 000 *	59.1	88.4	500	36 100					30.0
32.0	43.3	84.8	8 200	30 200 *	51.6	87.3	5 300	36 100 *									32.0
34.0	37.4	82.4	7 300	27 200 *	46.5	85.5	4 600	32 200 *									34.0
36.0	30.6	79.4	6 500	24 800 *	41.0	83.4	4 000	28 900 *									36.0
38.0	21.8	75.2	5 800	22 600 *	34.8	80.8	3 500	26 200 *									38.0
40.0					27.4	77.3	3 000	23 800 *	44.5	83.6		29 500	57.1	86.2	26 900	40.0	
42.0					17.1	72.3	2 500	21 800 *	38.8	81.3		27 700	52.4	84.8	25 300	42.0	
44.0									32.2	78.4		25 300 *	47.5	83.0	23 800	44.0	
46.0									24.0	74.5		23 100 *	42.1	81.0	22 500	46.0	
48.0														36.0	78.4	21 300	48.0
50.0													28.8	75.2	20 200	50.0	
52.0													19.3	70.6	19 200	52.0	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	70.1	95.6	15 500 b	58 100 *b											21.3
22.0	68.9	95.3	14 800 b	57 200 *b											22.0
24.0	65.2	94.4	12 900	51 800 *											24.0
26.0	61.3	93.4	11 400	44 300 *	67.4	94.5	7 500	54 400							26.0
28.0	57.3	92.2	10 000	38 800 *	63.6	93.5	6 500	48 600 *							28.0
30.0	53.1	90.8	8 900	34 400 *	59.7	92.4	5 700	41 900 *							30.0
32.0	48.7	89.1	7 900	30 800 *	55.6	91.1	5 000	36 900 *							32.0
34.0	43.9	87.1	7 100	27 800 *	51.3	89.6	4 300	32 900 *							34.0
36.0	38.6	84.8	6 300	25 300 *	46.8	87.8	3 800	29 600 *	58.2	90.8	33 400				36.0
38.0	32.7	81.9	5 600	23 100 *	41.8	85.7	3 200	26 700 *	54.0	89.4	31 300				38.0
40.0	25.5	78.2	5 000	21 200 *	36.3	83.2	2 800	24 400 *	49.7	87.8	29 300				40.0
42.0	15.3	72.7	4 400	19 500 *	29.9	80.1	2 400	22 300 *	44.9	85.9	27 600				42.0
44.0					21.9	75.8	1 900	20 500 *	39.8	83.7	25 800	52.1	87.1	23 600	44.0
46.0									34.0	80.9	23 600 *	47.6	85.3	22 300	46.0
48.0									27.2	77.4	21 600 *	42.7	83.3	21 100	48.0
50.0									18.0	72.5	19 900 *	37.4	80.9	20 000	50.0
52.0												31.2	77.9	19 000	52.0
54.0												23.6	73.9	18 100	54.0
56.0												11.9	67.4	17 200	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	69.3	98.3	13 600	51 700 *											22.9
24.0	67.4	97.8	12 600	50 400 *											24.0
26.0	63.9	96.9	11 000	44 500 *											26.0
28.0	60.3	95.8	9 800	38 900 *	66.0	96.9	6 200	48 300 *							28.0
30.0	56.6	94.5	8 600	34 500 *	62.5	95.9	5 400	42 200 *							30.0
32.0	52.8	93.1	7 700	30 800 *	58.9	94.8	4 700	37 000 *							32.0
34.0	48.7	91.4	6 800	27 800 *	55.1	93.5	4 000	32 900 *							34.0
36.0	44.3	89.5	6 000	25 200 *	51.1	91.9	3 500	29 500 *	61.1	94.3	33 100				36.0
38.0	39.6	87.2	5 400	23 000 *	47.0	90.2	3 000	26 700 *	57.5	93.1	31 000				38.0
40.0	34.3	84.5	4 800	21 200 *	42.5	88.1	2 500	24 300 *	53.6	91.7	29 000				40.0
42.0	28.1	81.1	4 200	19 500 *	37.5	85.7	2 100	22 200 *	49.6	90.1	27 300				42.0
44.0	20.3	76.5	3 700	18 000 *	31.9	82.7	1 700	20 400 *	45.3	88.2	25 700				44.0
46.0					25.2	78.9	1 400	18 800 *	40.6	86.0	23 500 *	51.9	89.4	22 000	46.0
48.0					16.1	73.5	1 000	17 500 *	35.5	83.4	21 600 *	47.7	87.6	20 800	48.0
50.0									29.6	80.2	19 800 *	43.3	85.6	19 700	50.0
52.0									22.2	76.0	18 300 *	38.4	83.3	18 700	52.0
54.0												33.0	80.4	17 800	54.0
56.0												26.6	76.8	17 000	56.0
58.0												18.1	71.8	16 200	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	71.0	101.5	13 500	48 400 *											22.9
24.0	69.2	101.1	12 500	47 300 *											24.0
26.0	66.1	100.2	10 900	44 600 *											26.0
28.0	62.8	99.3	9 600	38 900 *											28.0
30.0	59.5	98.1	8 500	34 400 *	64.8	99.4	5 200	42 200 *							30.0
32.0	56.1	96.8	7 500	30 800 *	61.5	98.3	4 500	37 000 *							32.0
34.0	52.5	95.4	6 700	27 800 *	58.1	97.1	3 900	32 900 *							34.0
36.0	48.7	93.7	6 000	25 200 *	54.6	95.8	3 300	29 500 *							36.0
38.0	44.7	91.8	5 300	23 000 *	51.0	94.2	2 800	26 700 *	60.2	96.7	30 900				38.0
40.0	40.4	89.6	4 700	21 100 *	47.1	92.5	2 400	24 200 *	56.8	95.4	29 000				40.0
42.0	35.6	86.9	4 100	19 400 *	43.0	90.4	2 000	22 200 *	53.3	94.0	27 200				42.0
44.0	30.2	83.8	3 600	18 000 *	38.5	88.1	1 600	20 400 *	49.5	92.4	25 600				44.0
46.0	23.7	79.8	3 200	16 600 *	33.5	85.2	1 300	18 800 *	45.6	90.5	23 500 *	55.3	93.2	21 900	46.0
48.0	14.6	73.8	2 700	15 400 *	27.7	81.8	900	17 400 *	41.3	88.4	21 500 *	51.7	91.7	20 700	48.0
50.0					20.5	77.2	600	16 100 *	36.7	85.9	19 800 *	47.8	89.9	19 700	50.0
52.0									31.5	82.8	18 200 *	43.8	88.0	18 600	52.0
54.0									25.2	79.0	16 900 *	39.4	85.7	17 800	54.0
56.0									17.0	73.7	15 700 *	34.5	82.9	16 900	56.0
58.0												28.9	79.6	16 100	58.0
60.0												22.0	75.3	15 300	60.0
62.0												11.6	68.4	14 600	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	70.2	104.2	11 800	43 900 *											24.4
26.0	67.9	103.6	10 600	42 400 *											26.0
28.0	64.9	102.7	9 400	39 000 *											28.0
30.0	61.9	101.6	8 200	34 200 *											30.0
32.0	58.8	100.5	7 300	30 600 *	63.7	101.8	4 200	36 800 *							32.0
34.0	55.6	99.2	6 400	27 500 *	60.7	100.7	3 600	32 700 *							34.0
36.0	52.2	97.7	5 700	25 000 *	57.5	99.5	3 100	29 300 *							36.0
38.0	48.7	96.0	5 000	22 800 *	54.3	98.1	2 600	26 500 *							38.0
40.0	45.0	94.1	4 400	20 800 *	50.8	96.5	2 100	24 100 *	59.5	99.1	28 700				40.0
42.0	41.0	91.9	3 900	19 200 *	47.3	94.8	1 700	22 000 *	56.3	97.8	26 900				42.0
44.0	36.7	89.4	3 400	17 700 *	43.4	92.7	1 300	20 200 *	53.0	96.3	25 400				44.0
46.0	31.9	86.4	2 900	16 400 *	39.3	90.4	1 000	18 600 *	49.5	94.7	23 200 *				46.0
48.0	26.3	82.7	2 500	15 300 *	34.8	87.7	700	17 200 *	45.8	92.8	21 300 *	54.8	95.5	20 400	48.0
50.0	19.2	77.8	2 100	14 200 *	29.7	84.5	400	15 900 *	41.9	90.7	19 600 *	51.5	94.0	19 400	50.0
52.0					23.6	80.4		14 800 *	37.7	88.3	18 100 *	47.9	92.2	18 400	52.0
54.0					15.4	74.6		13 800 *	33.0	85.4	16 700 *	44.2	90.3	17 500	54.0
56.0									27.6	81.9	15 500 *	40.1	88.0	16 600	56.0
58.0									20.9	77.3	14 400 *	35.7	85.4	15 800	58.0
60.0												30.7	82.3	15 100	60.0
62.0												24.8	78.4	14 400	62.0
64.0												17.2	73.0	13 800	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	69.5	106.9	10 400	40 200 *											25.9
26.0	69.4	106.9	10 400	40 100 *											26.0
28.0	66.7	106.0	9 100	38 500 *											28.0
30.0	63.9	105.1	8 000	35 200 *											30.0
32.0	61.1	104.0	7 000	31 200 *	65.6	105.2	3 900	37 600 *							32.0
34.0	58.2	102.8	6 200	28 100 *	62.8	104.2	3 300	33 400 *							34.0
36.0	55.2	101.5	5 400	25 400 *	59.9	103.1	2 800	29 800 *							36.0
38.0	52.0	100.0	4 700	23 100 *	57.0	101.8	2 200	26 900 *							38.0
40.0	48.8	98.3	4 200	21 200 *	53.9	100.4	1 800	24 500 *	61.7	102.6	28 400				40.0
42.0	45.3	96.4	3 600	19 500 *	50.7	98.8	1 400	22 300 *	58.8	101.4	26 700				42.0
44.0	41.6	94.3	3 200	18 000 *	47.4	97.1	1 100	20 400 *	55.8	100.1	25 200				44.0
46.0	37.7	91.8	2 700	16 600 *	43.8	95.1	700	18 800 *	52.7	98.6	23 600 *				46.0
48.0	33.3	88.9	2 300	15 400 *	40.1	92.8	400	17 400 *	49.5	97.0	21 600 *				48.0
50.0	28.3	85.5	1 900	14 300 *	35.9	90.2	100	16 100 *	46.1	95.1	19 800 *	54.5	97.8	19 100	50.0
52.0	22.3	81.2	1 600	13 300 *	31.3	87.1		15 000 *	42.4	93.0	18 300 *	51.3	96.3	18 100	52.0
54.0	14.1	74.9	1 200	12 200 *	26.0	83.4		13 900 *	38.5	90.7	16 900 *	48.0	94.5	17 300	54.0
56.0					19.4	78.5		13 000 *	34.3	87.9	15 700 *	44.5	92.6	16 400	56.0
58.0									29.4	84.6	14 600 *	40.8	90.4	15 700	58.0
60.0									23.7	80.5	13 600 *	36.7	87.9	14 900	60.0
62.0									16.2	74.9	12 700 *	32.2	84.9	14 200	62.0
64.0												27.1	81.3	13 600	64.0
66.0												20.8	76.7	13 000	66.0
68.0												11.4	69.5	12 300	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	70.9	110.1	10 100	37 600 *											25.9
26.0	70.8	110.1	10 100	37 500 *											26.0
28.0	68.2	109.3	8 800	36 200 *											28.0
30.0	65.7	108.5	7 700	34 400 *											30.0
32.0	63.1	107.5	6 700	30 900 *											32.0
34.0	60.4	106.4	5 900	27 800 *	64.6	107.6	3 000	33 300 *							34.0
36.0	57.6	105.2	5 100	25 100 *	62.0	106.6	2 400	29 600 *							36.0
38.0	54.8	103.8	4 500	22 900 *	59.3	105.4	2 000	26 700 *							38.0
40.0	51.8	102.3	3 900	20 900 *	56.5	104.1	1 500	24 200 *							40.0
42.0	48.8	100.6	3 400	19 200 *	53.6	102.7	1 100	22 100 *	61.0	104.9	26 500				42.0
44.0	45.5	98.7	2 900	17 700 *	50.6	101.1	800	20 200 *	58.2	103.7	24 900				44.0
46.0	42.1	96.6	2 500	16 400 *	47.5	99.4	500	18 600 *	55.4	102.4	23 400 *				46.0
48.0	38.4	94.2	2 100	15 200 *	44.2	97.4	200	17 200 *	52.5	100.9	21 300 *				48.0
50.0	34.4	91.4	1 700	14 100 *	40.7	95.2		15 900 *	49.4	99.3	19 600 *				50.0
52.0	30.0	88.2	1 300	13 100 *	36.9	92.6		14 700 *	46.3	97.4	18 000 *	54.1	100.1	17 900	52.0
54.0	24.8	84.3	1 000	12 200 *	32.7	89.7		13 700 *	42.9	95.4	16 700 *	51.2	98.6	17 000	54.0
56.0	18.2	79.1	700	11 400 *	28.0	86.2		12 700 *	39.3	93.0	15 400 *	48.1	96.8	16 100	56.0
58.0					22.4	81.9		11 900 *	35.3	90.4	14 300 *	44.8	94.9	15 400	58.0
60.0					14.8	75.8		11 100 *	31.0	87.3	13 300 *	41.3	92.7	14 700	60.0
62.0									26.0	83.5	12 400 *	37.6	90.3	14 000	62.0
64.0									19.8	78.7	11 600 *	33.5	87.4	13 300	64.0
66.0												28.9	84.1	12 700	66.0
68.0												23.5	79.9	12 100	68.0
70.0												16.4	74.2	11 200 *	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	70.3	112.8	8 900	34 400 *											27.4
28.0	69.6	112.6	8 600	34 100 *											28.0
30.0	67.2	111.8	7 500	32 800 *											30.0
32.0	64.8	110.9	6 500	30 800 *											32.0
34.0	62.3	109.9	5 700	27 700 *	66.2	110.9	2 800	32 000 *							34.0
36.0	59.8	108.8	5 000	25 000 *	63.8	110.0	2 300	29 700 *							36.0
38.0	57.1	107.5	4 300	22 700 *	61.3	108.9	1 800	26 600 *							38.0
40.0	54.5	106.1	3 700	20 800 *	58.7	107.8	1 400	24 000 *							40.0
42.0	51.7	104.6	3 200	19 100 *	56.1	106.5	1 000	21 900 *							42.0
44.0	48.8	102.9	2 800	17 600 *	53.3	105.0	600	20 100 *	60.3	107.3	24 800				44.0
46.0	45.7	101.0	2 300	16 200 *	50.5	103.4	300	18 500 *	57.7	106.1	23 300 *				46.0
48.0	42.5	98.9	1 900	15 000 *	47.6	101.7		17 000 *	55.0	104.7	21 200 *				48.0
50.0	39.1	96.6	1 500	13 900 *	44.5	99.7		15 700 *	52.3	103.2	19 500 *				50.0
52.0	35.4	93.9	1 200	13 000 *	41.2	97.5		14 600 *	49.4	101.6	17 900 *	56.6	103.9	17 700	52.0
54.0	31.4	90.8	900	12 100 *	37.7	95.0		13 500 *	46.4	99.8	16 500 *	53.8	102.4	16 900	54.0
56.0	26.8	87.2	600	11 300 *	33.9	92.2		12 600 *	43.3	97.7	15 300 *	51.0	100.9	16 000	56.0
58.0	21.2	82.6	300	10 500 *	29.6	88.9		11 800 *	39.9	95.4	14 200 *	48.1	99.2	15 200	58.0
60.0	13.7	76.1		9 700 *	24.7	85.0		11 000 *	36.3	92.8	13 200 *	45.0	97.2	14 500	60.0
62.0					18.5	79.8		10 300 *	32.3	89.8	12 300 *	41.8	95.1	13 900	62.0
64.0					8.9	71.3		9 400 *	27.8	86.3	11 500 *	38.3	92.7	13 200	64.0
66.0									22.5	82.0	10 700 *	34.6	89.9	12 600	66.0
68.0									15.6	76.1	10 000 *	30.4	86.7	12 000 *	68.0
70.0												25.6	82.9	11 100 *	70.0
72.0												19.8	78.0	10 400 *	72.0
74.0												11.3	70.6	9 700 *	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
24 950 kg Hanging Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	69.7	115.5	7 800	31 300 *											29.0
30.0	68.5	115.1	7 200	30 600 *											30.0
32.0	66.3	114.3	6 300	29 100 *											32.0
34.0	64.0	113.3	5 400	27 400 *											34.0
36.0	61.6	112.3	4 700	24 800 *	65.3	113.4	2 000	28 300 *							36.0
38.0	59.2	111.1	4 100	22 500 *	63.0	112.4	1 500	26 300 *							38.0
40.0	56.7	109.8	3 500	20 600 *	60.6	111.3	1 100	23 800 *							40.0
42.0	54.2	108.4	3 000	18 800 *	58.2	110.1	700	21 700 *							42.0
44.0	51.5	106.9	2 500	17 300 *	55.7	108.8	300	19 800 *							44.0
46.0	48.8	105.2	2 100	16 000 *	53.1	107.3		18 200 *	59.7	109.7	23 100 *				46.0
48.0	45.9	103.3	1 700	14 800 *	50.4	105.7		16 800 *	57.3	108.4	21 000 *				48.0
50.0	42.9	101.3	1 300	13 700 *	47.7	104.0		15 500 *	54.7	107.1	19 200 *				50.0
52.0	39.7	99.0	1 000	12 700 *	44.7	102.0		14 400 *	52.1	105.5	17 600 *				52.0
54.0	36.3	96.4	600	11 900 *	41.7	99.9		13 300 *	49.4	103.9	16 300 *	56.1	106.2	16 600	54.0
56.0	32.6	93.4	400	11 000 *	38.4	97.4		12 400 *	46.6	102.1	15 100 *	53.6	104.8	15 800	56.0
58.0	28.4	90.0		10 300 *	34.8	94.7		11 500 *	43.6	100.0	14 000 *	50.9	103.2	15 000	58.0
60.0	23.6	85.8		9 600 *	31.0	91.6		10 800 *	40.4	97.8	13 000 *	48.2	101.5	14 300	60.0
62.0	17.5	80.3		9 000 *	26.6	87.9		10 000 *	37.1	95.3	12 000 *	45.3	99.5	13 600	62.0
64.0	7.6	71.0		7 800 *	21.3	83.3		9 300 *	33.4	92.4	11 200 *	42.2	97.4	13 000	64.0
66.0					14.3	76.9		8 700 *	29.4	89.1	10 500 *	39.0	95.1	12 400	66.0
68.0									24.7	85.1	9 800 *	35.5	92.4	11 700 *	68.0
70.0									19.0	80.0	9 100 *	31.7	89.3	10 900 *	70.0
72.0												27.4	85.7	10 200 *	72.0
74.0												22.4	81.3	9 500 *	74.0
76.0												15.8	75.4	8 900 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	70.8	118.8	7 500	29 200 *											29.0
30.0	69.7	118.4	7 000	28 500 *											30.0
32.0	67.6	117.6	6 000	27 200 *											32.0
34.0	65.4	116.7	5 200	25 700 *											34.0
36.0	63.2	115.7	4 500	24 300 *	66.7	116.7	1 700	26 400 *							36.0
38.0	61.0	114.6	3 800	22 300 *	64.5	115.8	1 200	25 100 *							38.0
40.0	58.7	113.5	3 300	20 300 *	62.3	114.8	800	23 600 *							40.0
42.0	56.3	112.2	2 700	18 600 *	60.1	113.7	400	21 500 *							42.0
44.0	53.9	110.7	2 200	17 100 *	57.7	112.4	100	19 600 *							44.0
46.0	51.4	109.2	1 800	15 800 *	55.3	111.1		18 000 *	61.5	113.2	22 800 *				46.0
48.0	48.8	107.5	1 400	14 600 *	52.9	109.6		16 500 *	59.2	112.0	20 800 *				48.0
50.0	46.1	105.6	1 000	13 500 *	50.4	108.0		15 300 *	56.8	110.8	19 000 *				50.0
52.0	43.3	103.6	700	12 500 *	47.7	106.3		14 100 *	54.4	109.4	17 400 *				52.0
54.0	40.3	101.3	400	11 600 *	45.0	104.3		13 100 *	51.9	107.8	16 100 *				54.0
56.0	37.1	98.8	100	10 800 *	42.1	102.2		12 100 *	49.4	106.2	14 800 *	55.8	108.5	15 500	56.0
58.0	33.6	95.9		10 100 *	39.0	99.8		11 300 *	46.7	104.4	13 700 *	53.3	107.1	14 800	58.0
60.0	29.8	92.6		9 400 *	35.7	97.2		10 500 *	43.9	102.4	12 700 *	50.8	105.5	14 000	60.0
62.0	25.5	88.8		8 800 *	32.1	94.2		9 800 *	40.9	100.1	11 800 *	48.2	103.8	13 400	62.0
64.0	20.3	83.9		8 200 *	28.1	90.7		9 200 *	37.8	97.7	11 000 *	45.5	101.9	12 800	64.0
66.0	13.3	77.2		7 500 *	23.5	86.5		8 500 *	34.4	94.9	10 300 *	42.6	99.8	12 200	66.0
68.0					17.8	81.0		7 900 *	30.7	91.7	9 500 *	39.6	97.4	11 500 *	68.0
70.0					9.1	72.4		7 300 *	26.5	88.0	8 900 *	36.3	94.8	10 700 *	70.0
72.0									21.6	83.4	8 300 *	32.8	91.9	9 900 *	72.0
74.0									15.1	77.2	7 700 *	28.9	88.5	9 300 *	74.0
76.0												24.4	84.4	8 700 *	76.0
78.0												19.0	79.3	8 100 *	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

61.0m (200 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
30.5	70.3	121.4	6 400	25 400 *											30.5
32.0	68.8	120.9	5 700	24 400 *											32.0
34.0	66.7	120.0	4 900	23 000 *											34.0
36.0	64.7	119.1	4 200	21 700 *											36.0
38.0	62.6	118.1	3 500	20 400 *	65.9	119.2	900	22 400 *							38.0
40.0	60.4	117.0	2 900	19 100 *	63.8	118.2	500	21 100 *							40.0
42.0	58.2	115.8	2 400	17 900 *	61.7	117.2	100	19 800 *							42.0
44.0	56.0	114.5	1 900	16 700 *	59.5	116.0		18 600 *							44.0
46.0	53.7	113.1	1 500	15 600 *	57.3	114.8		17 400 *							46.0
48.0	51.3	111.5	1 200	14 500 *	55.0	113.4		16 300 *	60.9	115.6	19 200 *				48.0
50.0	48.8	109.8	800	13 400 *	52.7	111.9		15 200 *	58.7	114.4	18 100 *				50.0
52.0	46.2	107.9	500	12 400 *	50.3	110.3		14 000 *	56.5	113.1	16 900 *				52.0
54.0	43.6	105.9	200	11 500 *	47.8	108.6		13 000 *	54.2	111.7	15 900 *				54.0
56.0	40.7	103.7		10 700 *	45.2	106.6		12 000 *	51.8	110.2	14 800 *				56.0
58.0	37.8	101.2		9 900 *	42.4	104.5		11 200 *	49.4	108.5	13 600 *	55.5	110.8	14 500	58.0
60.0	34.5	98.4		9 200 *	39.6	102.2		10 400 *	46.8	106.7	12 600 *	53.1	109.4	13 800	60.0
62.0	31.0	95.3		8 600 *	36.5	99.6		9 600 *	44.2	104.7	11 700 *	50.7	107.8	13 100	62.0
64.0	27.1	91.6		8 000 *	33.2	96.7		9 000 *	41.4	102.5	10 800 *	48.2	106.1	12 500	64.0
66.0	22.6	87.2		7 400 *	29.5	93.4		8 300 *	38.4	100.1	10 100 *	45.7	104.2	11 900	66.0
68.0	16.9	81.5		6 900 *	25.4	89.4		7 800 *	35.3	97.4	9 400 *	42.9	102.1	11 300	68.0
70.0	7.9	72.1		6 000 *	20.5	84.6		7 200 *	31.8	94.3	8 700 *	40.1	99.8	10 500 *	70.0
72.0					14.0	78.0		6 700 *	28.0	90.8	8 100 *	37.1	97.3	9 800 *	72.0
74.0									23.6	86.6	7 600 *	33.8	94.4	9 100 *	74.0
76.0									18.3	81.2	7 100 *	30.2	91.2	8 500 *	76.0
78.0												26.2	87.4	7 900 *	78.0
82.0												15.4	76.6	6 800 *	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	64.6	89.3	17 600 b	78 500 * b												19.8
20.0	64.0	89.2	17 400 b	77 100 * b												20.0
22.0	57.8	88.1	15 200 b	62 400 * b												22.0
24.0	51.1	86.6	13 300	52 400 *	62.5	88.4	8 900 b	60 200 b								24.0
26.0	43.7	84.7	11 800	45 100 *	56.2	87.2	7 800 b	54 500 b								26.0
28.0	35.0	82.2	10 500	39 400 *	49.4	85.6	6 800 b	49 600 b								28.0
30.0	23.7	78.4	9 300	34 900 *	41.7	83.6	6 000	43 700 *								30.0
32.0					32.6	80.8	5 300	38 200 *	55.4	85.7	600 b	38 600 b				32.0
34.0					19.9	76.6	4 600	33 900 *	48.5	84.1	300	35 900				34.0
36.0									40.7	82.0		33 400				36.0
38.0									31.3	79.1		31 300				38.0
40.0													47.1	81.9	26 600	40.0
42.0													39.1	79.7	25 000	42.0
44.0													29.3	76.7	23 600	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	68.0	92.7	17 400 b	74 200 * b											19.8
20.0	67.5	92.6	17 100 b	73 300 * b											20.0
22.0	62.3	91.6	14 900 b	63 400 * b											22.0
24.0	56.8	90.4	13 100	52 700 *											24.0
26.0	50.9	88.9	11 500	45 300 *	60.9	90.8	7 400 b	54 300 b							26.0
28.0	44.4	87.0	10 300	39 500 *	55.3	89.5	6 500	49 400							28.0
30.0	37.1	84.6	9 100	35 000 *	49.3	87.9	5 700	44 000 *							30.0
32.0	28.1	81.4	8 100	31 300 *	42.7	85.9	5 000	38 300 *							32.0
34.0					35.0	83.4	4 400	34 000 *	54.6	88.0	35 600				34.0
36.0					25.4	79.8	3 800	30 500 *	48.6	86.4	33 200				36.0
38.0					8.2	72.8	3 200	27 500 *	41.8	84.3	31 000				38.0
40.0									34.0	81.7	29 100	53.5	85.9	26 300	40.0
42.0									24.0	78.0	27 400	47.4	84.2	24 700	42.0
44.0												40.5	82.1	23 300	44.0
46.0												32.4	79.3	22 000	46.0
48.0												21.7	75.2	20 800	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19.8	70.5	96.0	17 100 b	68 400 * b											19.8
20.0	70.1	95.9	16 900 b	68 000 * b											20.0
22.0	65.6	95.1	14 600 b	63 100 * b											22.0
24.0	60.9	94.0	12 800	53 100 *											24.0
26.0	55.9	92.7	11 300	45 500 *	64.4	94.3	7 200 b	54 100 b							26.0
28.0	50.7	91.2	10 000	39 700 *	59.7	93.2	6 200	49 300							28.0
30.0	44.9	89.3	9 000	35 100 *	54.7	91.8	5 500	44 100 *							30.0
32.0	38.6	87.0	8 000	31 300 *	49.3	90.2	4 800	38 400 *							32.0
34.0	31.1	84.1	7 100	28 300 *	43.4	88.3	4 200	34 100 *	59.1	91.7	35 400				34.0
36.0	21.3	79.8	6 300	25 700 *	36.8	85.8	3 600	30 600 *	54.0	90.3	33 000				36.0
38.0					29.0	82.6	3 100	27 600 *	48.6	88.7	30 800				38.0
40.0					18.1	77.9	2 600	25 100 *	42.7	86.7	29 000				40.0
42.0									36.0	84.2	27 200	53.1	88.3	24 500	42.0
44.0									27.9	80.9	25 700	47.6	86.5	23 100	44.0
46.0												41.5	84.5	21 800	46.0
48.0												34.6	81.8	20 700	48.0
50.0												26.1	78.3	19 600	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	69.5	98.7	15 000 b	60 200 * b											21.3
22.0	68.2	98.4	14 400 b	59 200 * b											22.0
24.0	64.0	97.5	12 500	53 700 *											24.0
26.0	59.7	96.4	11 000	45 700 *	67.2	97.6	6 800 b	53 800 b							26.0
28.0	55.3	95.1	9 800	39 800 *	63.0	96.7	5 900	49 100							28.0
30.0	50.5	93.5	8 700	35 200 *	58.7	95.5	5 100	44 200							30.0
32.0	45.4	91.6	7 700	31 400 *	54.1	94.2	4 400	38 600 *							32.0
34.0	39.7	89.4	6 900	28 300 *	49.3	92.5	3 900	34 200 *							34.0
36.0	33.3	86.6	6 100	25 600 *	44.0	90.6	3 300	30 600 *	58.1	94.1	32 700				36.0
38.0	25.4	83.0	5 400	23 400 *	38.2	88.2	2 800	27 600 *	53.5	92.7	30 600				38.0
40.0					31.5	85.3	2 400	25 000 *	48.7	91.0	28 700				40.0
42.0					23.1	81.3	2 000	22 900 *	43.4	89.0	27 000				42.0
44.0					8.7	73.9	1 500	21 000 *	37.5	86.6	25 400	52.7	90.6	22 800	44.0
46.0									30.6	83.6	24 100	47.7	88.8	21 500	46.0
48.0									21.9	79.4	22 600	42.3	86.8	20 400	48.0
50.0												36.3	84.3	19 300	50.0
52.0												29.2	81.1	18 300	52.0
54.0												19.8	76.5	17 400	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	68.7	101.3	13 200	55 500 *											22.9
24.0	66.6	100.8	12 300	53 500 *											24.0
26.0	62.8	99.9	10 800	46 700 *											26.0
28.0	58.8	98.7	9 500	40 700 *	65.6	100.1	5 600	48 900							28.0
30.0	54.7	97.4	8 400	35 900 *	61.8	99.1	4 800	44 600							30.0
32.0	50.4	95.8	7 500	32 100 *	57.8	97.9	4 200	39 400 *							32.0
34.0	45.7	94.0	6 700	28 900 *	53.6	96.5	3 600	34 900 *							34.0
36.0	40.6	91.8	5 900	26 200 *	49.2	94.8	3 100	31 200 *							36.0
38.0	35.0	89.1	5 200	23 900 *	44.5	92.9	2 600	28 200 *	57.3	96.4	30 300				38.0
40.0	28.3	85.8	4 600	21 900 *	39.3	90.6	2 100	25 600 *	53.1	95.0	28 500				40.0
42.0	19.7	81.2	4 100	20 200 *	33.4	87.8	1 800	23 400 *	48.7	93.3	26 700				42.0
44.0					26.5	84.3	1 400	21 500 *	43.9	91.3	25 200				44.0
46.0					16.9	79.1	1 000	19 700 *	38.7	89.0	23 800	52.3	92.9	21 300	46.0
48.0									32.7	86.2	22 600	47.8	91.1	20 100	48.0
50.0									25.5	82.5	21 200	43.0	89.1	19 100	50.0
52.0												37.6	86.7	18 100	52.0
54.0												31.5	83.7	17 200	54.0
56.0												23.9	79.8	16 400	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	70.5	104.6	12 900	51 000 *											22.9
24.0	68.6	104.2	12 000	49 900 *											24.0
26.0	65.2	103.3	10 500	47 100 *											26.0
28.0	61.7	102.2	9 200	40 900 *											28.0
30.0	58.0	101.1	8 100	36 000 *	64.3	102.5	4 500	44 700							30.0
32.0	54.2	99.7	7 200	32 100 *	60.8	101.4	3 900	39 600							32.0
34.0	50.2	98.1	6 300	28 900 *	57.1	100.2	3 300	35 000 *							34.0
36.0	46.0	96.3	5 600	26 200 *	53.3	98.8	2 800	31 200 *							36.0
38.0	41.4	94.1	5 000	23 800 *	49.2	97.1	2 300	28 200 *	60.4	100.0	30 000				38.0
40.0	36.3	91.6	4 400	21 800 *	44.9	95.2	1 900	25 500 *	56.7	98.7	28 100				40.0
42.0	30.6	88.5	3 800	20 100 *	40.2	93.0	1 500	23 300 *	52.8	97.3	26 500				42.0
44.0	23.5	84.5	3 400	18 500 *	35.0	90.3	1 100	21 400 *	48.7	95.6	25 000				44.0
46.0					29.0	87.1	800	19 700 *	44.4	93.7	23 600	56.0	96.7	21 000	46.0
48.0					21.4	82.7	500	18 200 *	39.6	91.4	22 400	52.0	95.2	19 900	48.0
50.0					9.0	75.0	100	16 600 *	34.3	88.7	21 100	47.9	93.4	18 800	50.0
52.0									28.2	85.3	19 500 *	43.5	91.5	17 900	52.0
54.0									20.4	80.7	18 000 *	38.7	89.1	17 000	54.0
56.0												33.2	86.3	16 100	56.0
58.0												26.9	82.7	15 400	58.0
60.0												18.5	77.8	14 700	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	69.8	107.3	11 500	46 400 *											24.4
26.0	67.2	106.6	10 300	44 900 *											26.0
28.0	64.0	105.7	9 000	41 100 *											28.0
30.0	60.8	104.6	8 000	36 000 *											30.0
32.0	57.4	103.4	7 100	32 100 *	63.2	104.9	3 700	39 600							32.0
34.0	53.8	102.0	6 200	28 800 *	59.9	103.8	3 100	35 000 *							34.0
36.0	50.1	100.4	5 500	26 100 *	56.5	102.5	2 600	31 200 *							36.0
38.0	46.2	98.6	4 900	23 800 *	52.9	101.1	2 200	28 100 *							38.0
40.0	42.0	96.5	4 300	21 800 *	49.2	99.4	1 700	25 500 *	59.5	102.3	28 100				40.0
42.0	37.4	94.0	3 800	20 000 *	45.2	97.5	1 400	23 200 *	56.1	101.0	26 400				42.0
44.0	32.3	91.1	3 300	18 500 *	40.9	95.4	1 000	21 300 *	52.5	99.6	24 900				44.0
46.0	26.3	87.4	2 800	17 100 *	36.2	92.8	700	19 600 *	48.7	97.9	23 500				46.0
48.0	18.5	82.5	2 400	15 900 *	30.9	89.7	400	18 100 *	44.7	96.0	22 300	55.4	99.0	19 700	48.0
50.0					24.6	85.8	100	16 800 *	40.4	93.8	21 000	51.8	97.5	18 700	50.0
52.0					16.0	80.3		15 600 *	35.6	91.1	19 400 *	48.0	95.8	17 700	52.0
54.0									30.2	88.0	17 900 *	43.9	93.8	16 900	54.0
56.0									23.7	84.0	16 600 *	39.5	91.5	16 100	56.0
58.0												34.7	88.8	15 300	58.0
60.0												29.1	85.5	14 600	60.0
62.0												22.3	81.3	13 900	62.0
64.0												12.3	74.6	13 300	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	69.1	110.0	10 100	42 000 *											25.9
26.0	68.9	109.9	10 000	41 900 *											26.0
28.0	66.0	109.1	8 800	40 000 *											28.0
30.0	63.0	108.1	7 700	35 900 *											30.0
32.0	60.0	107.0	6 800	31 800 *	65.3	108.3	3 400	39 400 *							32.0
34.0	56.8	105.7	5 900	28 600 *	62.3	107.3	2 800	34 700 *							34.0
36.0	53.5	104.3	5 300	25 900 *	59.2	106.1	2 300	31 000 *							36.0
38.0	50.1	102.7	4 600	23 600 *	56.0	104.8	1 800	27 900 *							38.0
40.0	46.4	100.9	4 000	21 500 *	52.7	103.4	1 400	25 300 *	61.9	105.8	27 800				40.0
42.0	42.6	98.8	3 500	19 800 *	49.2	101.7	1 100	23 000 *	58.8	104.7	26 100				42.0
44.0	38.4	96.4	3 000	18 200 *	45.5	99.8	700	21 100 *	55.6	103.4	24 600				44.0
46.0	33.8	93.6	2 600	16 900 *	41.6	97.7	400	19 400 *	52.3	101.9	23 200				46.0
48.0	28.5	90.2	2 200	15 700 *	37.3	95.2	100	17 900 *	48.8	100.2	22 000				48.0
50.0	22.1	85.9	1 800	14 600 *	32.5	92.3		16 600 *	45.0	98.3	20 800	55.0	101.3	18 400	50.0
52.0					27.0	88.7		15 400 *	41.1	96.1	19 200 *	51.6	99.8	17 500	52.0
54.0					20.2	84.0		14 300 *	36.7	93.6	17 800 *	48.1	98.1	16 600	54.0
56.0					9.1	76.1		13 200 *	31.9	90.6	16 400 *	44.3	96.1	15 800	56.0
58.0									26.3	86.9	15 300 *	40.3	93.9	15 000	58.0
60.0									19.2	82.0	14 200 *	35.9	91.3	14 400	60.0
62.0												30.9	88.2	13 700	62.0
64.0												25.1	84.3	13 100	64.0
66.0												17.6	79.1	12 500	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	70.5	113.2	9 800	39 500 *											25.9
26.0	70.4	113.2	9 700	39 500 *											26.0
28.0	67.7	112.4	8 500	38 100 *											28.0
30.0	65.0	111.5	7 400	36 300 *											30.0
32.0	62.2	110.5	6 500	32 500 *											32.0
34.0	59.3	109.3	5 700	29 200 *	64.3	110.7	2 500	35 800 *							34.0
36.0	56.3	108.1	5 000	26 300 *	61.5	109.7	2 000	31 600 *							36.0
38.0	53.2	106.6	4 300	23 900 *	58.5	108.5	1 600	28 400 *							38.0
40.0	50.0	105.0	3 800	21 900 *	55.5	107.2	1 100	25 700 *							40.0
42.0	46.6	103.2	3 300	20 100 *	52.4	105.7	800	23 400 *	61.1	108.2	25 900				42.0
44.0	43.0	101.1	2 800	18 500 *	49.2	104.0	500	21 400 *	58.2	107.0	24 400				44.0
46.0	39.2	98.8	2 400	17 100 *	45.7	102.2	200	19 700 *	55.2	105.7	23 000				46.0
48.0	35.0	96.1	2 000	15 800 *	42.1	100.0		18 100 *	52.0	104.2	21 800				48.0
50.0	30.2	92.9	1 600	14 700 *	38.2	97.6		16 800 *	48.8	102.5	20 600				50.0
52.0	24.7	89.0	1 300	13 700 *	33.8	94.8		15 500 *	45.3	100.6	19 500 *	54.6	103.6	17 200	52.0
54.0	17.6	83.7	900	12 800 *	29.0	91.5		14 500 *	41.6	98.5	18 000 *	51.4	102.1	16 400	54.0
56.0					23.2	87.3		13 500 *	37.7	96.0	16 600 *	48.1	100.4	15 600	56.0
58.0					15.4	81.4		12 500 *	33.3	93.1	15 400 *	44.6	98.4	14 800	58.0
60.0									28.3	89.7	14 400 *	40.9	96.2	14 100	60.0
62.0									22.4	85.4	13 400 *	36.9	93.7	13 500	62.0
64.0									14.1	79.2	12 500 *	32.4	90.7	12 900	64.0
66.0												27.3	87.2	12 300	66.0
68.0												21.1	82.6	11 800	68.0
70.0												12.0	75.7	11 200	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	69.9	115.9	8 500	36 000 *											27.4
28.0	69.2	115.7	8 200	35 700 *											28.0
30.0	66.6	114.9	7 100	34 500 *											30.0
32.0	64.0	113.9	6 200	32 300 *											32.0
34.0	61.4	112.9	5 400	28 900 *	66.0	114.1	2 200	33 900 *							34.0
36.0	58.7	111.7	4 700	26 100 *	63.4	113.1	1 700	31 600 *							36.0
38.0	55.9	110.4	4 100	23 700 *	60.7	112.0	1 200	28 200 *							38.0
40.0	53.0	108.9	3 500	21 600 *	58.0	110.8	800	25 500 *							40.0
42.0	49.9	107.3	3 000	19 800 *	55.1	109.5	500	23 100 *							42.0
44.0	46.8	105.5	2 500	18 200 *	52.2	108.0	200	21 200 *	60.4	110.6	24 100				44.0
46.0	43.4	103.5	2 100	16 900 *	49.2	106.3		19 400 *	57.6	109.4	22 700				46.0
48.0	39.8	101.2	1 700	15 600 *	45.9	104.5		17 900 *	54.8	108.0	21 500				48.0
50.0	36.0	98.6	1 400	14 500 *	42.6	102.4		16 500 *	51.9	106.5	20 400				50.0
52.0	31.7	95.5	1 000	13 500 *	38.9	100.0		15 300 *	48.8	104.8	19 300 *	57.1	107.3	16 900	52.0
54.0	26.8	91.9	700	12 500 *	35.0	97.3		14 200 *	45.6	102.9	17 700 *	54.3	105.9	16 100	54.0
56.0	20.9	87.3	400	11 700 *	30.6	94.2		13 200 *	42.1	100.8	16 400 *	51.3	104.4	15 300	56.0
58.0					25.5	90.3		12 300 *	38.5	98.4	15 200 *	48.2	102.7	14 500	58.0
60.0					19.2	85.3		11 500 *	34.5	95.7	14 100 *	44.9	100.7	13 900	60.0
62.0					9.3	77.2		10 400 *	30.0	92.4	13 100 *	41.5	98.6	13 200	62.0
64.0									24.8	88.5	12 200 *	37.7	96.1	12 600	64.0
66.0									18.3	83.3	11 400 *	33.7	93.3	12 000	66.0
68.0												29.1	89.9	11 500	68.0
70.0												23.7	85.8	11 000	70.0
72.0												16.8	80.3	10 500	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	69.3	118.6	7 500	33 000 *											29.0
30.0	68.1	118.2	7 000	32 500 *											30.0
32.0	65.7	117.3	6 000	31 300 *											32.0
34.0	63.2	116.3	5 200	28 900 *											34.0
36.0	60.7	115.2	4 500	26 000 *	65.1	116.5	1 500	30 700 *							36.0
38.0	58.1	114.0	3 900	23 600 *	62.6	115.5	1 100	28 100 *							38.0
40.0	55.5	112.7	3 300	21 500 *	60.1	114.4	700	25 300 *							40.0
42.0	52.7	111.2	2 800	19 700 *	57.5	113.2	300	23 000 *							42.0
44.0	49.9	109.6	2 400	18 100 *	54.8	111.8		21 000 *							44.0
46.0	46.9	107.8	2 000	16 700 *	52.0	110.3		19 300 *	59.8	112.9	22 600				46.0
48.0	43.8	105.8	1 600	15 500 *	49.1	108.6		17 800 *	57.2	111.7	21 400				48.0
50.0	40.4	103.5	1 200	14 300 *	46.1	106.8		16 400 *	54.5	110.3	20 200				50.0
52.0	36.9	101.0	900	13 300 *	43.0	104.7		15 200 *	51.7	108.8	19 100 *				52.0
54.0	32.9	98.1	600	12 400 *	39.6	102.4		14 100 *	48.8	107.1	17 600 *	56.7	109.6	16 000	54.0
56.0	28.6	94.7	300	11 600 *	35.9	99.8		13 100 *	45.8	105.2	16 300 *	54.0	108.2	15 200	56.0
58.0	23.4	90.5		10 800 *	31.9	96.7		12 200 *	42.6	103.1	15 100 *	51.2	106.7	14 400	58.0
60.0	16.9	84.9		10 100 *	27.4	93.2		11 400 *	39.2	100.8	14 000 *	48.2	105.0	13 700	60.0
62.0					22.0	88.7		10 600 *	35.5	98.1	13 000 *	45.2	103.0	13 100	62.0
64.0					14.8	82.6		9 900 *	31.4	95.0	12 100 *	41.9	100.9	12 500	64.0
66.0									26.8	91.4	11 300 *	38.5	98.5	11 900	66.0
68.0									21.3	86.8	10 500 *	34.7	95.8	11 400	68.0
70.0									13.7	80.3	9 900 *	30.6	92.6	10 900	70.0
72.0												25.8	88.8	10 400	72.0
74.0												20.1	84.0	10 000	74.0
76.0												11.8	76.8	9 500	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	70.5	121.8	7 200	30 800 *											29.0
30.0	69.4	121.4	6 700	30 300 *											30.0
32.0	67.1	120.6	5 700	29 000 *											32.0
34.0	64.8	119.7	4 900	27 700 *											34.0
36.0	62.5	118.7	4 200	25 800 *	66.6	119.9	1 200	28 400 *							36.0
38.0	60.1	117.6	3 600	23 300 *	64.2	118.9	700	27 200 *							38.0
40.0	57.6	116.4	3 100	21 300 *	61.9	117.9	400	25 100 *							40.0
42.0	55.1	115.0	2 600	19 400 *	59.5	116.8		22 800 *							42.0
44.0	52.5	113.5	2 100	17 900 *	57.0	115.5		20 800 *							44.0
46.0	49.8	111.9	1 700	16 500 *	54.5	114.1		19 000 *	61.6	116.5	22 300				46.0
48.0	47.0	110.1	1 300	15 200 *	51.9	112.6		17 500 *	59.2	115.3	21 100				48.0
50.0	44.1	108.1	1 000	14 100 *	49.1	110.9		16 100 *	56.7	114.0	20 000				50.0
52.0	40.9	105.9	600	13 100 *	46.3	109.1		14 900 *	54.2	112.6	18 900 *				52.0
54.0	37.6	103.4	400	12 200 *	43.3	107.0		13 800 *	51.5	111.1	17 300 *				54.0
56.0	34.0	100.6	100	11 300 *	40.1	104.8		12 900 *	48.8	109.4	16 000 *	56.3	112.0	14 900	56.0
58.0	30.0	97.4		10 600 *	36.8	102.2		12 000 *	45.9	107.5	14 800 *	53.7	110.5	14 200	58.0
60.0	25.5	93.5		9 900 *	33.1	99.3		11 200 *	42.9	105.5	13 700 *	51.0	109.0	13 500	60.0
62.0	20.0	88.6		9 200 *	29.0	95.9		10 400 *	39.8	103.2	12 700 *	48.3	107.3	12 800	62.0
64.0	12.3	81.5		8 600 *	24.2	91.8		9 700 *	36.3	100.6	11 900 *	45.4	105.4	12 200	64.0
66.0					18.4	86.6		9 100 *	32.6	97.6	11 100 *	42.4	103.2	11 700	66.0
68.0					9.4	78.3		8 200 *	28.4	94.2	10 300 *	39.1	100.9	11 200	68.0
70.0									23.6	90.0	9 600 *	35.7	98.2	10 600	70.0
72.0									17.5	84.5	9 000 *	31.9	95.2	10 200	72.0
74.0												27.6	91.6	9 700	74.0
76.0												22.6	87.3	9 300	76.0
78.0												16.2	81.5	8 900	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
30.5	70.0	124.5	6 200	28 000 *											30.5
32.0	68.4	123.9	5 500	27 100 *											32.0
34.0	66.2	123.1	4 700	25 800 *											34.0
36.0	64.0	122.1	4 000	24 500 *											36.0
38.0	61.8	121.1	3 400	23 100 *	65.7	122.3	500	25 300 *							38.0
40.0	59.5	120.0	2 800	21 000 *	63.5	121.3		24 100 *							40.0
42.0	57.2	118.7	2 300	19 200 *	61.3	120.3		22 600 *							42.0
44.0	54.8	117.3	1 900	17 700 *	59.0	119.1		20 600 *							44.0
46.0	52.3	115.8	1 400	16 200 *	56.6	117.8		18 800 *							46.0
48.0	49.8	114.2	1 100	15 000 *	54.2	116.4		17 300 *	61.0	118.8	20 900				48.0
50.0	47.1	112.4	700	13 900 *	51.7	114.9		15 900 *	58.7	117.7	19 800				50.0
52.0	44.3	110.4	400	12 900 *	49.1	113.2		14 700 *	56.3	116.4	18 700 *				52.0
54.0	41.4	108.2	100	11 900 *	46.4	111.4		13 600 *	53.9	114.9	17 100 *				54.0
56.0	38.3	105.8		11 100 *	43.6	109.4		12 600 *	51.4	113.4	15 800 *				56.0
58.0	34.9	103.1		10 300 *	40.7	107.1		11 800 *	48.8	111.7	14 600 *	55.9	114.3	13 900	58.0
60.0	31.3	100.0		9 600 *	37.5	104.6		10 900 *	46.1	109.8	13 500 *	53.4	112.9	13 200	60.0
62.0	27.2	96.3		9 000 *	34.1	101.8		10 200 *	43.3	107.8	12 500 *	50.9	111.3	12 600	62.0
64.0	22.4	91.9		8 400 *	30.3	98.6		9 500 *	40.3	105.5	11 700 *	48.3	109.6	12 000	64.0
66.0	16.3	86.1		7 900 *	26.1	94.8		8 800 *	37.1	103.0	10 800 *	45.6	107.7	11 500	66.0
68.0					21.0	90.1		8 300 *	33.6	100.1	10 100 *	42.7	105.6	10 900	68.0
70.0					14.4	83.7		7 700 *	29.8	96.9	9 400 *	39.7	103.3	10 500	70.0
72.0									25.5	93.0	8 800 *	36.5	100.7	10 000	72.0
74.0									20.4	88.2	8 200 *	33.0	97.7	9 600	74.0
76.0									13.4	81.4	7 700 *	29.1	94.4	9 100	76.0
78.0												24.6	90.4	8 700 *	78.0
82.0												11.6	77.8	7 600 *	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
24 950 kg Hanging Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

67.1m (220 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
32.0	69.5	127.2	5 200	24 400 *										32.0
34.0	67.5	126.4	4 400	23 200 *										34.0
36.0	65.4	125.5	3 700	21 900 *										36.0
38.0	63.3	124.5	3 100	20 700 *										38.0
40.0	61.2	123.5	2 500	19 400 *	64.9	124.7	21 500 *							40.0
42.0	59.0	122.3	2 000	18 200 *	62.8	123.7	20 300 *							42.0
44.0	56.8	121.0	1 600	17 100 *	60.7	122.7	19 100 *							44.0
46.0	54.5	119.7	1 200	16 000 *	58.5	121.5	17 900 *							46.0
48.0	52.2	118.1	800	14 900 *	56.3	120.2	16 800 *							48.0
50.0	49.7	116.5	500	13 800 *	54.0	118.7	15 800 *	60.4	121.2	18 700 *				50.0
52.0	47.2	114.7		12 700 *	51.6	117.2	14 600 *	58.2	120.0	17 700 *				52.0
54.0	44.6	112.7		11 800 *	49.1	115.5	13 500 *	56.0	118.7	16 700 *				54.0
56.0	41.8	110.6		11 000 *	46.6	113.7	12 500 *	53.7	117.3	15 600 *				56.0
58.0	38.9	108.2		10 200 *	43.9	111.7	11 600 *	51.3	115.7	14 500 *	57.8	117.9	13 600	58.0
60.0	35.8	105.5		9 500 *	41.1	109.5	10 800 *	48.8	114.0	13 400 *	55.6	116.6	13 000	60.0
62.0	32.4	102.5		8 800 *	38.1	107.0	10 000 *	46.3	112.1	12 400 *	53.2	115.2	12 300	62.0
64.0	28.6	99.1		8 200 *	34.9	104.3	9 300 *	43.6	110.1	11 500 *	50.8	113.6	11 700	64.0
66.0	24.4	95.0		7 700 *	31.5	101.2	8 700 *	40.8	107.9	10 700 *	48.4	111.9	11 200	66.0
68.0	19.2	89.9		7 100 *	27.6	97.6	8 100 *	37.8	105.4	9 900 *	45.8	110.0	10 700	68.0
70.0	12.1	82.6		6 600 *	23.2	93.3	7 500 *	34.6	102.6	9 200 *	43.1	107.9	10 200	70.0
72.0					17.7	87.9	7 000 *	31.0	99.5	8 600 *	40.2	105.6	9 700	72.0
74.0					9.5	79.3	6 300 *	27.1	95.8	8 000 *	37.2	103.1	9 300	74.0
76.0								22.6	91.4	7 500 *	33.9	100.3	8 900	76.0
78.0								16.9	85.8	7 000 *	30.4	97.0	8 500	78.0
82.0											21.7	88.7	7 400 *	82.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	62.2	95.0	15 100 b	70 300 * b											21.3
22.0	60.2	94.6	14 500 b	66 600 * b											22.0
24.0	53.7	93.2	12 700 b	56 000 * b											24.0
26.0	46.6	91.5	11 200	47 600 *	59.6	93.9	6 800 b	53 600 b							26.0
28.0	38.5	89.2	9 900	41 300 *	53.1	92.5	5 900 b	49 000 b							28.0
30.0	28.4	86.1	8 800	36 400 *	45.9	90.7	5 100	45 000							30.0
32.0	12.0	80.3	7 800	32 500 *	37.7	88.4	4 500	40 900							32.0
34.0					27.3	85.1	3 900	36 100 *	54.0	91.3	34 900 b				34.0
36.0									47.0	89.6	32 500				36.0
38.0									38.9	87.4	30 400				38.0
40.0									29.0	84.3	28 500	54.5	89.4	25 400 b	40.0
42.0												47.4	87.7	23 900	42.0
44.0												39.5	85.6	22 500	44.0
46.0												29.7	82.5	21 300	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	66.0	98.4	14 800 b	67 600 * b											21.3
22.0	64.2	98.1	14 200 b	65 300 * b											22.0
24.0	58.8	96.9	12 400 b	56 500 * b											24.0
26.0	53.1	95.6	10 900	47 800 *	63.8	97.4	6 400 b	53 300 b							26.0
28.0	46.9	93.8	9 700	41 500 *	58.3	96.2	5 600 b	48 700 b							28.0
30.0	39.9	91.6	8 600	36 600 *	52.6	94.8	4 800	44 800							30.0
32.0	31.7	88.8	7 700	32 600 *	46.3	93.0	4 200	41 100							32.0
34.0	20.7	84.5	6 800	29 300 *	39.2	90.8	3 600	36 200 *	59.1	95.0	34 600 b				34.0
36.0					30.9	87.9	3 100	32 300 *	53.4	93.6	32 200				36.0
38.0					19.4	83.4	2 600	29 000 *	47.2	91.9	30 100				38.0
40.0									40.3	89.7	28 300				40.0
42.0									32.2	86.9	26 600	53.8	91.7	23 600	42.0
44.0									21.4	82.8	25 100	47.6	90.0	22 300	44.0
46.0												40.8	87.9	21 000	46.0
48.0												32.8	85.2	19 900	48.0
50.0												22.2	81.2	18 800	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21.3	68.8	101.7	14 600 b	64 800 * b											21.3
22.0	67.3	101.4	13 900 b	63 500 * b											22.0
24.0	62.6	100.5	12 200	57 100 *											24.0
26.0	57.8	99.3	10 700	48 300 *	66.9	100.8	6 100 b	53 200 b							26.0
28.0	52.7	97.9	9 500	41 900 *	62.2	99.8	5 300 b	48 500 b							28.0
30.0	47.1	96.1	8 400	36 800 *	57.3	98.6	4 600	44 600							30.0
32.0	41.0	94.0	7 500	32 800 *	52.2	97.1	4 000	41 200							32.0
34.0	34.0	91.3	6 700	29 500 *	46.6	95.4	3 400	36 400 *							34.0
36.0	25.4	87.7	5 900	26 700 *	40.4	93.2	2 900	32 500 *	58.0	97.3	32 000				36.0
38.0	11.6	81.4	5 200	24 300 *	33.3	90.4	2 500	29 200 *	52.9	95.9	29 900				38.0
40.0					24.5	86.7	2 000	26 400 *	47.4	94.2	28 100				40.0
42.0									41.4	92.1	26 400				42.0
44.0									34.4	89.4	24 900	53.3	94.0	22 000	44.0
46.0									25.9	85.9	23 500	47.8	92.4	20 800	46.0
48.0												41.8	90.3	19 700	48.0
50.0												34.9	87.7	18 700	50.0
52.0												26.5	84.2	17 700	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	67.9	104.4	12 800 b	57 800 *b											22.9
24.0	65.6	103.9	11 900	55 700 *											24.0
26.0	61.4	102.8	10 400	48 300 *											26.0
28.0	56.9	101.6	9 200	41 800 *	65.2	103.2	4 900	48 300							28.0
30.0	52.3	100.2	8 100	36 800 *	61.0	102.2	4 200	44 300							30.0
32.0	47.3	98.4	7 200	32 700 *	56.5	100.9	3 600	41 000							32.0
34.0	41.9	96.3	6 400	29 400 *	51.9	99.4	3 100	36 400 *							34.0
36.0	35.8	93.8	5 700	26 600 *	46.8	97.7	2 600	32 400 *							36.0
38.0	28.6	90.5	5 000	24 200 *	41.4	95.5	2 100	29 100 *	57.2	99.7	29 600				38.0
40.0	19.0	85.8	4 400	22 100 *	35.2	92.9	1 700	26 400 *	52.5	98.2	27 800				40.0
42.0					27.9	89.6	1 400	24 000 *	47.6	96.5	26 100				42.0
44.0					17.9	84.7	1 000	22 000 *	42.2	94.4	24 600				44.0
46.0									36.1	91.9	23 300	52.9	96.4	20 500	46.0
48.0									29.0	88.7	22 000	47.9	94.7	19 400	48.0
50.0									19.6	84.1	20 900	42.6	92.6	18 400	50.0
52.0												36.6	90.1	17 400	52.0
54.0												29.5	87.0	16 600	54.0
56.0												20.3	82.5	15 800	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22.9	70.0	107.7	12 500 b	55 000 *b											22.9
24.0	67.9	107.2	11 600	53 800 *											24.0
26.0	64.2	106.3	10 100	49 400 *											26.0
28.0	60.3	105.2	8 900	42 700 *											28.0
30.0	56.3	103.9	7 900	37 600 *	63.8	105.6	3 900	44 100							30.0
32.0	52.0	102.5	6 900	33 400 *	59.9	104.5	3 300	40 700							32.0
34.0	47.5	100.7	6 200	30 000 *	55.9	103.2	2 800	37 300 *							34.0
36.0	42.6	98.7	5 400	27 100 *	51.6	101.7	2 300	33 100 *							36.0
38.0	37.2	96.2	4 800	24 700 *	47.0	100.0	1 900	29 700 *							38.0
40.0	31.0	93.2	4 200	22 600 *	42.1	97.9	1 500	26 900 *	56.5	102.0	27 500				40.0
42.0	23.3	89.2	3 700	20 800 *	36.7	95.4	1 100	24 500 *	52.2	100.5	25 900				42.0
44.0	11.3	82.5	3 100	18 900 *	30.3	92.3	800	22 400 *	47.7	98.8	24 400				44.0
46.0					22.5	88.1	500	20 600 *	42.8	96.8	23 100	56.7	100.1	20 200	46.0
48.0									37.5	94.3	21 900	52.5	98.7	19 100	48.0
50.0									31.3	91.3	20 700	48.0	97.0	18 100	50.0
52.0									23.7	87.4	19 700	43.2	94.9	17 200	52.0
54.0												37.8	92.6	16 400	54.0
56.0												31.7	89.6	15 600	56.0
58.0												24.3	85.7	14 800	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	69.2	110.3	10 900	49 100 *											24.4
26.0	66.5	109.7	9 800	47 500 *											26.0
28.0	63.0	108.7	8 600	43 200 *											28.0
30.0	59.4	107.6	7 600	37 700 *	66.2	109.0	3 600	43 800							30.0
32.0	55.7	106.3	6 700	33 500 *	62.7	108.0	3 000	40 500							32.0
34.0	51.7	104.8	5 900	30 000 *	59.1	106.9	2 500	37 300							34.0
36.0	47.6	103.0	5 200	27 100 *	55.3	105.6	2 000	33 200 *							36.0
38.0	43.2	101.0	4 600	24 600 *	51.4	104.0	1 600	29 700 *							38.0
40.0	38.3	98.6	4 000	22 500 *	47.2	102.3	1 200	26 900 *	59.6	105.6	27 300				40.0
42.0	32.8	95.8	3 500	20 700 *	42.7	100.2	800	24 500 *	55.9	104.3	25 600				42.0
44.0	26.3	92.2	3 000	19 100 *	37.8	97.8	500	22 400 *	52.0	102.8	24 100				44.0
46.0	17.8	87.1	2 500	17 600 *	32.3	94.9	200	20 500 *	47.8	101.1	22 800				46.0
48.0					25.7	91.2		19 000 *	43.4	99.1	21 600	56.1	102.4	18 800	48.0
50.0					16.8	85.9		17 500 *	38.5	96.7	20 500	52.2	101.0	17 800	50.0
52.0									33.1	93.9	19 500	48.1	99.3	16 900	52.0
54.0									26.7	90.3	18 500	43.7	97.3	16 100	54.0
56.0									18.3	85.4	17 600	38.9	94.9	15 300	56.0
58.0												33.5	92.2	14 600	58.0
60.0												27.2	88.6	13 900	60.0
62.0												19.0	83.8	13 200	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24.4	70.9	113.6	10 800	45 900 *											24.4
26.0	68.4	113.0	9 600	44 500 *											26.0
28.0	65.2	112.1	8 400	42 500 *											28.0
30.0	62.0	111.1	7 400	37 800 *											30.0
32.0	58.6	109.9	6 500	33 400 *	65.0	111.4	2 800	40 300							32.0
34.0	55.2	108.6	5 800	29 900 *	61.7	110.4	2 300	37 200							34.0
36.0	51.5	107.1	5 100	27 000 *	58.3	109.2	1 900	33 100 *							36.0
38.0	47.7	105.3	4 400	24 600 *	54.9	107.9	1 400	29 700 *							38.0
40.0	43.6	103.3	3 900	22 500 *	51.2	106.3	1 100	26 800 *	62.2	109.1	27 100				40.0
42.0	39.2	101.0	3 400	20 600 *	47.4	104.6	700	24 400 *	58.8	108.0	25 500				42.0
44.0	34.3	98.3	2 900	19 000 *	43.2	102.6	400	22 300 *	55.4	106.6	24 000				44.0
46.0	28.7	95.0	2 500	17 600 *	38.8	100.2		20 500 *	51.7	105.1	22 700				46.0
48.0	21.7	90.6	2 100	16 300 *	33.8	97.4		18 900 *	47.9	103.4	21 500				48.0
50.0	11.1	83.6	1 700	15 000 *	28.1	94.0		17 500 *	43.8	101.4	20 400	55.6	104.8	17 700	50.0
52.0					21.0	89.5		16 200 *	39.4	99.1	19 400	52.0	103.3	16 800	52.0
54.0									34.6	96.4	18 400	48.2	101.6	16 000	54.0
56.0									29.0	93.1	17 500	44.1	99.6	15 200	56.0
58.0									22.1	88.8	16 400 *	39.7	97.3	14 500	58.0
60.0												34.9	94.6	13 800	60.0
62.0												29.4	91.4	13 200	62.0
64.0												22.7	87.2	12 600	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25.9	70.1	116.3	9 400	41 600 *											25.9
26.0	70.0	116.3	9 300	41 500 *											26.0
28.0	67.1	115.4	8 200	40 100 *											28.0
30.0	64.2	114.5	7 100	37 500 *											30.0
32.0	61.1	113.5	6 200	33 300 *											32.0
34.0	58.0	112.3	5 400	29 800 *	63.9	113.8	2 000	37 000							34.0
36.0	54.7	110.9	4 800	26 800 *	60.8	112.8	1 500	32 900 *							36.0
38.0	51.4	109.4	4 200	24 400 *	57.7	111.6	1 100	29 500 *							38.0
40.0	47.8	107.6	3 600	22 300 *	54.4	110.2	700	26 600 *							40.0
42.0	44.0	105.7	3 100	20 400 *	51.0	108.6	400	24 200 *	61.3	111.5	25 200				42.0
44.0	40.0	103.4	2 700	18 800 *	47.5	106.9	100	22 100 *	58.2	110.3	23 800				44.0
46.0	35.5	100.8	2 300	17 400 *	43.7	104.9		20 300 *	54.9	109.0	22 500				46.0
48.0	30.5	97.6	1 900	16 100 *	39.6	102.6		18 600 *	51.5	107.4	21 200				48.0
50.0	24.6	93.7	1 500	14 900 *	35.1	99.9		17 200 *	48.0	105.7	20 100				50.0
52.0	16.9	88.3	1 100	13 900 *	30.1	96.7		16 000 *	44.2	103.7	19 100	55.1	107.1	16 500	52.0
54.0					24.0	92.7		14 900 *	40.2	101.5	18 200	51.8	105.6	15 700	54.0
56.0					16.0	87.1		13 800 *	35.8	98.9	17 300	48.2	103.9	14 900	56.0
58.0									30.8	95.8	16 200 *	44.5	101.9	14 200	58.0
60.0									25.0	91.9	15 000 *	40.5	99.7	13 600	60.0
62.0									17.3	86.6	14 000 *	36.1	97.1	12 900	62.0
64.0												31.2	94.0	12 300	64.0
66.0												25.4	90.2	11 700	66.0
68.0												17.9	85.1	11 200	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	69.5	119.0	8 200	38 100 *											27.4
28.0	68.7	118.7	7 900	37 800 *											28.0
30.0	66.0	117.9	6 800	36 600 *											30.0
32.0	63.2	116.9	5 900	33 900 *											32.0
34.0	60.4	115.8	5 200	30 300 *	65.8	117.2	1 700	36 300 *							34.0
36.0	57.4	114.6	4 500	27 300 *	63.0	116.2	1 200	33 800 *							36.0
38.0	54.4	113.2	3 900	24 800 *	60.1	115.1	800	30 000 *							38.0
40.0	51.2	111.7	3 300	22 600 *	57.1	113.9	500	27 100 *							40.0
42.0	47.9	109.9	2 900	20 700 *	54.1	112.5	100	24 600 *							42.0
44.0	44.4	108.0	2 400	19 100 *	50.9	110.9		22 400 *	60.5	113.9	23 500				44.0
46.0	40.6	105.8	2 000	17 600 *	47.6	109.2		20 600 *	57.6	112.6	22 200				46.0
48.0	36.6	103.2	1 600	16 300 *	44.1	107.2		18 900 *	54.5	111.3	21 000				48.0
50.0	32.1	100.2	1 300	15 100 *	40.3	105.0		17 500 *	51.4	109.7	19 900				50.0
52.0	26.9	96.6	1 000	14 100 *	36.2	102.4		16 200 *	48.1	108.0	18 900				52.0
54.0	20.5	92.0	600	13 100 *	31.6	99.3		15 000 *	44.6	106.1	17 900	54.7	109.4	15 400	54.0
56.0	11.0	84.6	300	11 700 *	26.4	95.7		14 000 *	40.8	103.9	17 100	51.6	107.9	14 700	56.0
58.0					19.9	90.9		13 000 *	36.8	101.3	16 300	48.3	106.2	14 000	58.0
60.0									32.3	98.4	15 200 *	44.8	104.2	13 300	60.0
62.0									27.2	94.8	14 100 *	41.1	102.0	12 700	62.0
64.0									20.9	90.2	13 200 *	37.1	99.5	12 100	64.0
66.0												32.6	96.6	11 600	66.0
68.0												27.5	93.1	11 000	68.0
70.0												21.4	88.6	10 500	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27.4	70.8	122.2	7 800	35 600 *											27.4
28.0	70.1	122.0	7 500	35 300 *											28.0
30.0	67.6	121.2	6 500	34 200 *											30.0
32.0	65.0	120.3	5 600	33 200 *											32.0
34.0	62.4	119.3	4 900	30 100 *	67.4	120.6	1 300	33 900 *							34.0
36.0	59.7	118.2	4 200	27 100 *	64.8	119.6	900	32 800 *							36.0
38.0	56.9	116.9	3 600	24 500 *	62.1	118.6	500	29 900 *							38.0
40.0	54.0	115.5	3 100	22 300 *	59.4	117.5		26 800 *							40.0
42.0	51.1	114.0	2 600	20 400 *	56.7	116.2		24 300 *							42.0
44.0	48.0	112.2	2 100	18 800 *	53.8	114.8		22 200 *							44.0
46.0	44.7	110.3	1 800	17 400 *	50.8	113.2		20 300 *	59.8	116.2	21 900				46.0
48.0	41.2	108.1	1 400	16 000 *	47.7	111.5		18 700 *	57.1	115.0	20 700				48.0
50.0	37.5	105.6	1 000	14 900 *	44.4	109.5		17 200 *	54.2	113.6	19 600				50.0
52.0	33.4	102.8	700	13 800 *	40.9	107.3		15 900 *	51.2	112.0	18 600				52.0
54.0	28.7	99.4	400	12 900 *	37.1	104.8		14 800 *	48.1	110.3	17 700				54.0
56.0	23.3	95.2	100	12 000 *	33.0	101.9		13 700 *	44.8	108.4	16 800	54.4	111.7	14 400	56.0
58.0	16.1	89.5		11 200 *	28.3	98.5		12 800 *	41.4	106.2	16 000	51.4	110.2	13 700	58.0
60.0					22.7	94.2		12 000 *	37.7	103.7	15 000 *	48.3	108.5	13 000	60.0
62.0					15.3	88.2		11 200 *	33.6	100.9	13 900 *	45.1	106.5	12 400	62.0
64.0									29.0	97.6	12 900 *	41.6	104.4	11 800	64.0
66.0									23.6	93.4	12 100 *	37.9	101.9	11 300	66.0
68.0									16.6	87.8	11 300 *	33.9	99.1	10 800	68.0
70.0												29.3	95.8	10 300	70.0
72.0												24.0	91.8	9 800	72.0
74.0												17.1	86.3	9 400	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29.0	70.2	124.9	6 800	32 600 *											29.0
30.0	69.0	124.5	6 300	32 100 *											30.0
32.0	66.6	123.7	5 500	31 200 *											32.0
34.0	64.1	122.7	4 700	29 800 *											34.0
36.0	61.6	121.7	4 000	27 000 *	66.4	123.0	700	30 900 *							36.0
38.0	59.1	120.5	3 400	24 400 *	63.9	122.1	300	29 600 *							38.0
40.0	56.5	119.3	2 900	22 200 *	61.4	121.0		26 700 *							40.0
42.0	53.8	117.8	2 400	20 300 *	58.9	119.8		24 200 *							42.0
44.0	50.9	116.3	2 000	18 700 *	56.2	118.5		22 100 *							44.0
46.0	48.0	114.5	1 600	17 200 *	53.5	117.1		20 200 *	61.8	119.7	21 800				46.0
48.0	44.9	112.6	1 200	15 900 *	50.7	115.5		18 500 *	59.2	118.6	20 600				48.0
50.0	41.7	110.5	900	14 800 *	47.7	113.8		17 100 *	56.6	117.3	19 500				50.0
52.0	38.2	108.0	600	13 700 *	44.7	111.8		15 800 *	53.9	115.9	18 500				52.0
54.0	34.4	105.3	300	12 800 *	41.4	109.7		14 600 *	51.1	114.3	17 600				54.0
56.0	30.3	102.1		11 900 *	37.9	107.2		13 600 *	48.2	112.6	16 700				56.0
58.0	25.5	98.2		11 100 *	34.1	104.4		12 700 *	45.1	110.7	15 900	54.1	114.0	13 600	58.0
60.0	19.6	93.3		10 400 *	29.9	101.2		11 800 *	41.9	108.6	14 800 *	51.3	112.5	12 900	60.0
62.0	10.9	85.7		9 300 *	25.0	97.2		11 000 *	38.4	106.1	13 700 *	48.4	110.8	12 300	62.0
64.0					19.0	92.2		10 300 *	34.6	103.4	12 800 *	45.3	108.9	11 700	64.0
66.0									30.5	100.2	12 000 *	42.1	106.7	11 200	66.0
68.0									25.7	96.4	11 100 *	38.6	104.3	10 700	68.0
70.0									19.9	91.5	10 400 *	34.9	101.6	10 200	70.0
72.0												30.8	98.5	9 800	72.0
74.0												26.1	94.7	9 300	74.0
76.0												20.3	89.9	8 900	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
30.5	69.7	127.6	5 800	29 800 *										30.5
32.0	68.0	127.0	5 200	29 100 *										32.0
34.0	65.7	126.1	4 400	27 800 *										34.0
36.0	63.4	125.1	3 700	26 400 *										36.0
38.0	61.0	124.1	3 200	24 200 *	65.5	125.4	27 500 *							38.0
40.0	58.6	122.9	2 600	22 000 *	63.1	124.5	26 200 *							40.0
42.0	56.1	121.6	2 200	20 100 *	60.8	123.4	24 000 *							42.0
44.0	53.5	120.2	1 700	18 400 *	58.3	122.2	21 800 *							44.0
46.0	50.8	118.6	1 300	16 900 *	55.8	120.9	19 900 *							46.0
48.0	48.1	116.8	900	15 700 *	53.3	119.4	18 300 *	61.1	122.1	20 300				48.0
50.0	45.2	114.9	600	14 500 *	50.6	117.8	16 800 *	58.7	120.9	19 200				50.0
52.0	42.1	112.8	300	13 500 *	47.8	116.1	15 600 *	56.2	119.6	18 200				52.0
54.0	38.9	110.4		12 500 *	44.9	114.1	14 400 *	53.6	118.2	17 300				54.0
56.0	35.4	107.7		11 600 *	41.8	112.0	13 400 *	51.0	116.6	16 400				56.0
58.0	31.6	104.7		10 800 *	38.6	109.6	12 400 *	48.2	114.9	15 600	56.4	117.8	13 300	58.0
60.0	27.3	101.1		10 100 *	35.1	106.9	11 600 *	45.3	113.0	14 600 *	53.8	116.3	12 600	60.0
62.0	22.2	96.6		9 400 *	31.2	103.8	10 800 *	42.3	110.9	13 500 *	51.2	114.8	12 000	62.0
64.0	15.6	90.6		8 800 *	26.8	100.1	10 100 *	39.1	108.5	12 600 *	48.4	113.1	11 400	64.0
66.0					21.7	95.6	9 400 *	35.6	105.9	11 700 *	45.5	111.2	10 900	66.0
68.0					14.8	89.4	8 800 *	31.8	102.8	10 900 *	42.5	109.1	10 400	68.0
70.0								27.5	99.2	10 200 *	39.3	106.7	10 000	70.0
72.0								22.5	94.9	9 500 *	35.8	104.1	9 500	72.0
74.0								16.0	89.0	8 900 *	32.0	101.1	9 100	74.0
76.0											27.8	97.5	8 700	76.0
78.0											22.8	93.2	8 300	78.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
30.5	70.8	130.8	5 600	27 200 *										30.5
32.0	69.2	130.3	4 900	26 400 *										32.0
34.0	67.0	129.5	4 100	25 200 *										34.0
36.0	64.9	128.5	3 500	24 000 *										36.0
38.0	62.7	127.5	2 900	22 700 *										38.0
40.0	60.4	126.4	2 400	21 500 *	64.7	127.9	23 800 *							40.0
42.0	58.1	125.2	1 900	20 200 *	62.5	126.9	22 600 *							42.0
44.0	55.7	123.9	1 400	18 500 *	60.2	125.7	21 500 *							44.0
46.0	53.3	122.5	1 100	16 900 *	57.9	124.5	20 000 *							46.0
48.0	50.7	120.9	700	15 600 *	55.5	123.2	18 300 *							48.0
50.0	48.1	119.1	400	14 400 *	53.0	121.7	16 800 *	60.5	124.5	19 000				50.0
52.0	45.4	117.2		13 400 *	50.5	120.1	15 500 *	58.2	123.3	18 000				52.0
54.0	42.5	115.1		12 400 *	47.9	118.4	14 400 *	55.8	122.0	17 100				54.0
56.0	39.5	112.8		11 500 *	45.1	116.5	13 300 *	53.4	120.5	16 200				56.0
58.0	36.2	110.2		10 700 *	42.2	114.3	12 300 *	50.9	118.9	15 400				58.0
60.0	32.7	107.2		10 000 *	39.2	112.0	11 500 *	48.3	117.2	14 500 *	56.0	120.1	12 400	60.0
62.0	28.8	103.8		9 300 *	35.9	109.3	10 700 *	45.5	115.3	13 400 *	53.6	118.6	11 800	62.0
64.0	24.3	99.7		8 700 *	32.4	106.4	9 900 *	42.7	113.2	12 500 *	51.0	117.1	11 200	64.0
66.0	18.8	94.6		8 100 *	28.4	102.9	9 300 *	39.6	110.9	11 600 *	48.4	115.4	10 700	66.0
68.0	10.8	86.8		7 300 *	23.8	98.7	8 600 *	36.4	108.3	10 800 *	45.7	113.5	10 200	68.0
70.0					18.2	93.4	8 100 *	32.9	105.4	10 100 *	42.9	111.4	9 700	70.0
72.0								29.0	102.0	9 300 *	39.8	109.1	9 300	72.0
74.0								24.5	97.9	8 700 *	36.6	106.5	8 900	74.0
76.0								19.1	92.8	8 100 *	33.1	103.6	8 500	76.0
78.0											29.3	100.3	8 100	78.0
82.0											19.5	91.3	7 400	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 76 750 kg (2250) Crane Counterweight
 or 75 750 kg (M-250) Crane Counterweight
 27 220 kg Carbody Counterweight
 24 950 kg Hanging Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5

MAX-ER 225
On 2250 or M-250

73.2m (240 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
32.0	70.3	133.5	4 600	24 400 *										32.0
34.0	68.3	132.8	3 800	23 300 *										34.0
36.0	66.2	131.9	3 200	22 100 *										36.0
38.0	64.1	131.0	2 600	20 900 *										38.0
40.0	62.0	129.9	2 100	19 700 *	66.0	131.2	21 900 *							40.0
42.0	59.9	128.8	1 600	18 600 *	63.9	130.3	20 800 *							42.0
44.0	57.6	127.6	1 200	17 400 *	61.8	129.2	19 600 *							44.0
46.0	55.4	126.2	800	16 300 *	59.7	128.1	18 500 *							46.0
48.0	53.1	124.8	400	15 300 *	57.4	126.9	17 400 *							48.0
50.0	50.7	123.2	100	14 200 *	55.2	125.5	16 300 *							50.0
52.0	48.2	121.4		13 100 *	52.8	124.0	15 200 *	60.0	126.8	17 700				52.0
54.0	45.6	119.5		12 200 *	50.4	122.4	14 100 *	57.8	125.6	16 800				54.0
56.0	42.9	117.5		11 300 *	47.9	120.7	13 000 *	55.5	124.3	16 000				56.0
58.0	40.0	115.2		10 500 *	45.3	118.8	12 100 *	53.2	122.8	15 200				58.0
60.0	37.0	112.6		9 700 *	42.6	116.7	11 200 *	50.8	121.2	14 300 *				60.0
62.0	33.7	109.8		9 000 *	39.7	114.4	10 400 *	48.3	119.5	13 200 *	55.7	122.4	11 500	62.0
64.0	30.1	106.5		8 400 *	36.7	111.8	9 700 *	45.7	117.6	12 200 *	53.3	121.0	10 900	64.0
66.0	26.0	102.7		7 800 *	33.4	108.9	9 000 *	43.0	115.6	11 300 *	50.9	119.4	10 400	66.0
68.0	21.3	98.0		7 300 *	29.7	105.6	8 400 *	40.1	113.3	10 500 *	48.5	117.7	9 900	68.0
70.0	15.1	91.8		6 800 *	25.6	101.7	7 800 *	37.1	110.7	9 800 *	45.9	115.8	9 500	70.0
72.0					20.8	97.0	7 300 *	33.8	107.9	9 100 *	43.2	113.7	9 000	72.0
74.0					14.4	90.5	6 800 *	30.3	104.6	8 500 *	40.3	111.5	8 600	74.0
76.0								26.2	100.9	7 900 *	37.3	108.9	8 200	76.0
78.0								21.5	96.3	7 400 *	34.1	106.1	7 800	78.0
82.0											26.5	99.2	7 200	82.0
86.0											16.0	88.7	6 500	86.0