

Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 2 180 kg minimum block weight.

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.

61.0m boom length requires only the middle 3 sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

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 on a firm uniformly supporting surface with gantry up. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 172894**, **No. 174308** or **No. 192086**, Wire Rope Specification chart **No. 7638-A**, Counterweight Arrangement chart **No. 7692-A** and Luffing Jib Raising Procedure chart **No. 7604-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or

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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. 7678-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 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 12 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, 112 810 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights.

Consult chart **No. 8054-AM** for lifting off main boom point with luffing jib attached.

Deduct From Luffing Jib Capacities When Fixed Jib Is Attached	
Fixed Jib Length	Fixed Jib No.140
12.2m	3 270 kg
18.3m	4 040 kg
24.4m	5 030 kg
30.5m	6 080 kg
36.6m	7 260 kg



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24.4m (80 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.0	69.9	47.4	81 600 *b																			11.0
12.0	66.9	46.9	76 700 *b																			12.0
14.0	60.8	45.9	66 800 *b	67.4	46.8	77 200 *b																14.0
16.0	54.4	44.6	56 500 *b	61.4	45.8	67 700 *b	65.3	46.3	73 600 *b													16.0
18.0	47.4	42.9	48 300 *	55.0	44.5	57 900 *	59.2	45.2	64 400 *b													18.0
20.0	39.4	40.7	41 800 *	48.0	42.9	48 900 *	52.6	43.8	54 400 *	59.6	44.8	66 200 *b										20.0
22.0	29.6	37.7	36 800 *	40.2	40.7	42 300 *	45.4	42.0	46 600 *	53.1	43.4	55 000 *										22.0
24.0	14.7	32.5	31 100 *	30.6	37.8	37 200 *	37.1	39.6	40 600 *	45.9	41.6	47 000 *	53.3	42.7	54 900							24.0
26.0							26.5	36.2	35 800 *	37.6	39.3	40 900 *	46.2	41.0	47 300 *							26.0
28.0										27.3	36.0	36 100 *	38.0	38.7	41 100 *	46.2	40.1	44 800				28.0
30.0													27.8	35.5	36 300 *	38.0	37.8	40 900				30.0
32.0													10.3	29.3	32 300 *	27.8	34.6	36 300 *	37.7	36.7	37 200	32.0
34.0																			27.3	33.4	34 400	34.0



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M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.0	72.5	50.6	80 500 *b																			11.0
12.0	69.9	50.2	74 900 *b																			12.0
14.0	64.8	49.4	65 900 *b																			14.0
16.0	59.4	48.3	57 500 *	65.3	49.3	66 600 *b																16.0
18.0	53.7	46.9	48 500 *	59.9	48.2	57 900 *	63.4	48.7	63 800 *b													18.0
20.0	47.6	45.2	42 000 *	54.3	46.8	49 200 *	58.0	47.5	54 800 *													20.0
22.0	40.7	43.1	37 000 *	48.2	45.2	42 500 *	52.2	46.1	46 800 *	58.3	47.1	55 600 *										22.0
24.0	32.7	40.3	32 900 *	41.4	43.1	37 400 *	45.9	44.3	40 700 *	52.6	45.7	47 200 *										24.0
26.0	22.1	36.3	29 500 *	33.5	40.4	33 300 *	38.7	42.0	35 900 *	46.3	43.9	41 100 *	52.8	45.0	47 500 *							26.0
28.0				23.2	36.5	29 800 *	30.2	39.0	32 100 *	39.2	41.7	36 200 *	46.5	43.3	41 300 *							28.0
30.0							18.4	34.4	28 900 *	30.8	38.7	32 300 *	39.5	41.1	36 400 *	46.5	42.4	40 900				30.0
32.0										19.3	34.3	29 100 *	31.2	38.2	32 500 *	39.5	40.2	36 500 *	46.3	41.3	36 900	32.0
34.0													19.9	33.8	29 200 *	31.2	37.3	32 500 *	39.2	39.1	34 200	34.0
36.0																19.9	32.9	29 200 *	30.9	36.1	31 900	36.0
38.0																			19.4	31.7	29 100	38.0



Liftcrane Luffing Jib Capacities

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 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
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M-250 SERIES 3

24.4m (80 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.0	74.5	53.8	78 400 *b																			11.0
12.0	72.3	53.5	73 300 *b																			12.0
14.0	67.8	52.7	64 600 *b																			14.0
16.0	63.2	51.8	57 000 *	68.2	52.6	65 400 *b																16.0
18.0	58.3	50.6	48 800 *	63.6	51.7	57 800 *																18.0
20.0	53.2	49.2	42 200 *	58.8	50.5	49 400 *	61.9	51.1	55 100 *													20.0
22.0	47.7	47.5	37 100 *	53.7	49.1	42 700 *	57.0	49.9	46 900 *													22.0
24.0	41.7	45.4	33 000 *	48.2	47.5	37 500 *	51.8	48.4	40 900 *	57.3	49.4	47 600 *										24.0
26.0	34.8	42.8	29 700 *	42.3	45.4	33 300 *	46.2	46.6	36 000 *	52.2	48.0	41 200 *	57.5	48.8	47 700 *							26.0
28.0	26.4	39.3	26 800 *	35.5	42.9	29 900 *	40.0	44.4	32 200 *	46.6	46.2	36 300 *	52.4	47.3	41 500 *							28.0
30.0	13.8	33.6	23 400 *	27.3	39.5	27 000 *	32.8	41.6	28 900 *	40.4	44.0	32 400 *	46.8	45.6	36 500 *							30.0
32.0				15.3	34.1	24 600 *	23.8	37.8	26 300 *	33.3	41.3	29 200 *	40.7	43.4	32 600 *	46.8	44.7	36 600				32.0
34.0										24.4	37.5	26 400 *	33.6	40.7	29 300 *	40.7	42.6	32 600 *	46.6	43.6	34 100	34.0
36.0													24.8	37.0	26 500 *	33.6	39.9	29 300 *	40.4	41.4	31 700	36.0
38.0													10.3	30.4	24 100 *	24.9	36.2	26 600 *	33.3	38.7	29 200	38.0
40.0																			24.5	35.0	26 500 *	40.0



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 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
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M-250 SERIES 3

24.4m (80 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	74.9	56.8	71 200 *b																			11.6
12.0	74.1	56.7	70 200 *b																			12.0
14.0	70.1	56.0	63 300 *b																			14.0
16.0	66.0	55.2	56 300 *																			16.0
18.0	61.8	54.2	48 900 *	66.4	55.0	57 300 *																18.0
20.0	57.4	53.0	42 200 *	62.2	54.1	49 500 *	64.9	54.5	54 900 *													20.0
22.0	52.8	51.5	37 100 *	57.8	52.9	42 700 *	60.7	53.4	47 000 *													22.0
24.0	47.9	49.8	32 900 *	53.2	51.5	37 500 *	56.2	52.2	40 800 *													24.0
26.0	42.5	47.8	29 600 *	48.3	49.8	33 300 *	51.5	50.7	36 000 *	56.5	51.8	41 200 *										26.0
28.0	36.5	45.3	26 700 *	43.0	47.8	29 900 *	46.5	48.9	32 100 *	51.9	50.3	36 300 *	56.7	51.1	41 500 *							28.0
30.0	29.4	42.1	24 300 *	37.1	45.3	27 000 *	41.0	46.8	28 900 *	46.8	48.5	32 300 *	52.0	49.6	36 500 *							30.0
32.0	20.2	37.6	22 300 *	30.1	42.2	24 500 *	34.8	44.1	26 200 *	41.4	46.4	29 100 *	47.0	47.9	32 500 *	52.0	48.8	36 500 *				32.0
34.0				21.2	37.9	22 500 *	27.3	40.7	23 800 *	35.2	43.8	26 300 *	41.6	45.8	29 200 *	47.1	47.0	32 500 *				34.0
36.0							17.0	35.6	21 800 *	27.8	40.4	24 000 *	35.4	43.2	26 400 *	41.6	44.9	29 200 *				36.0
38.0										17.8	35.5	22 000 *	28.1	39.9	24 100 *	35.5	42.3	26 500 *	41.4	43.8	29 100	38.0
40.0													18.3	35.1	22 100 *	28.2	39.0	24 100 *	35.2	41.2	26 400 *	40.0
42.0																18.3	34.2	22 100 *	27.9	37.8	24 000 *	42.0
44.0																			17.9	32.9	22 000 *	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
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 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
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24.4m (80 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.2	59.8	66 000 *b																			12.2
14.0	72.0	59.2	61 900 *b																			14.0
16.0	68.3	58.5	55 300 *																			16.0
18.0	64.6	57.6	49 800 *	68.7	58.4	56 100 *																18.0
20.0	60.7	56.5	43 400 *	64.9	57.5	50 500 *	67.4	57.9	54 100 *													20.0
22.0	56.7	55.3	38 100 *	61.1	56.4	44 000 *	63.6	56.9	48 500 *													22.0
24.0	52.5	53.8	33 800 *	57.1	55.2	38 500 *	59.7	55.8	42 000 *													24.0
26.0	48.0	52.1	30 300 *	52.9	53.8	34 200 *	55.6	54.5	36 900 *	59.9	55.4	42 300 *										26.0
28.0	43.1	50.1	27 400 *	48.4	52.1	30 600 *	51.3	53.0	32 900 *	55.9	54.1	37 300 *										28.0
30.0	37.8	47.7	25 000 *	43.6	50.1	27 700 *	46.7	51.2	29 600 *	51.6	52.6	33 200 *										30.0
32.0	31.7	44.8	22 900 *	38.3	47.7	25 200 *	41.8	49.1	26 800 *	47.0	50.8	29 800 *	51.8	51.9	33 300 *							32.0
34.0	24.2	40.9	21 000 *	32.3	44.8	23 000 *	36.3	46.6	24 400 *	42.1	48.7	27 000 *	47.2	50.2	29 900 *	51.8	51.1	33 400 *				34.0
36.0	13.2	34.7	18 000 *	25.0	41.1	21 200 *	29.9	43.4	22 400 *	36.6	46.2	24 600 *	42.3	48.1	27 100 *	47.2	49.3	29 900 *				36.0
38.0				14.5	35.3	19 500 *	21.9	39.2	20 600 *	30.3	43.1	22 500 *	36.9	45.7	24 700 *	42.3	47.3	27 100 *				38.0
40.0										22.4	39.0	20 700 *	30.6	42.6	22 600 *	36.9	44.8	24 700 *	42.1	46.1	27 100 *	40.0
42.0													22.8	38.5	20 800 *	30.6	41.7	22 600 *	36.7	43.6	24 600 *	42.0
44.0													10.3	31.4	19 200 *	22.8	37.6	20 800 *	30.4	40.5	22 500 *	44.0
46.0																			22.5	36.4	20 800 *	46.0



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24.4m (80 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.0	62.5	58 900 *																			13.7
14.0	73.5	62.4	58 400 *																			14.0
16.0	70.2	61.8	54 400 *																			16.0
18.0	66.9	61.0	49 000 *																			18.0
20.0	63.4	60.0	43 300 *	67.2	60.8	49 700 *																20.0
22.0	59.8	58.9	37 900 *	63.7	59.9	43 900 *	66.0	60.3	47 800 *													22.0
24.0	56.1	57.6	33 600 *	60.1	58.8	38 400 *	62.5	59.3	41 900 *													24.0
26.0	52.2	56.1	30 100 *	56.4	57.5	34 000 *	58.8	58.2	36 800 *	62.7	58.9	42 200 *										26.0
28.0	48.1	54.4	27 300 *	52.5	56.1	30 500 *	55.1	56.8	32 800 *	59.1	57.7	37 100 *										28.0
30.0	43.6	52.4	24 800 *	48.4	54.4	27 500 *	51.1	55.3	29 400 *	55.3	56.4	33 000 *										30.0
32.0	38.8	50.1	22 600 *	44.1	52.4	25 000 *	46.9	53.5	26 600 *	51.4	54.9	29 600 *	55.5	55.8	33 200 *							32.0
34.0	33.4	47.3	20 800 *	39.3	50.1	22 800 *	42.4	51.4	24 200 *	47.2	53.1	26 800 *	51.5	54.3	29 800 *							34.0
36.0	27.1	43.8	19 200 *	34.0	47.4	21 000 *	37.5	49.0	22 200 *	42.7	51.1	24 400 *	47.4	52.5	26 900 *							36.0
38.0	18.9	38.9	17 800 *	27.7	43.9	19 400 *	31.9	46.0	20 400 *	37.8	48.7	22 300 *	42.9	50.5	24 500 *	47.4	51.6	26 900 *				38.0
40.0				19.7	39.3	17 900 *	25.2	42.3	18 900 *	32.3	45.7	20 500 *	38.0	48.1	22 400 *	42.9	49.6	24 500 *	47.2	50.5	26 900 *	40.0
42.0							16.0	36.8	17 400 *	25.7	42.0	18 900 *	32.5	45.2	20 600 *	38.0	47.2	22 400 *	42.7	48.5	24 500 *	42.0
44.0										16.7	36.7	17 500 *	25.9	41.5	19 000 *	32.5	44.3	20 600 *	37.8	46.1	22 400 *	44.0
46.0													17.2	36.3	17 600 *	26.0	40.7	19 000 *	32.3	43.2	20 600 *	46.0
48.0																17.2	35.4	17 600 *	25.7	39.4	19 000 *	48.0
50.0																			16.8	34.1	17 600 *	50.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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M-250 SERIES 3

24.4m (80 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.3	65.7	55 300 *																			13.7
14.0	74.8	65.6	54 900 *																			14.0
16.0	71.8	65.0	51 900 *																			16.0
18.0	68.7	64.3	48 200 *																			18.0
20.0	65.6	63.4	43 300 *	69.0	64.1	48 800 *																20.0
22.0	62.3	62.4	37 900 *	65.9	63.3	44 000 *																22.0
24.0	59.0	61.2	33 600 *	62.6	62.3	38 300 *	64.7	62.7	41 800 *													24.0
26.0	55.6	59.9	30 100 *	59.3	61.1	34 000 *	61.5	61.7	36 800 *													26.0
28.0	51.9	58.4	27 200 *	55.9	59.8	30 400 *	58.1	60.5	32 700 *	61.7	61.2	37 100 *										28.0
30.0	48.1	56.7	24 700 *	52.3	58.4	27 400 *	54.6	59.1	29 400 *	58.3	60.1	32 900 *										30.0
32.0	44.1	54.8	22 600 *	48.5	56.7	24 900 *	51.0	57.6	26 600 *	54.8	58.7	29 600 *										32.0
34.0	39.7	52.5	20 700 *	44.5	54.7	22 800 *	47.1	55.8	24 200 *	51.2	57.2	26 700 *	55.0	58.1	29 700 *							34.0
36.0	34.9	49.8	19 100 *	40.1	52.5	20 900 *	43.0	53.8	22 100 *	47.3	55.4	24 300 *	51.3	56.6	26 900 *							36.0
38.0	29.3	46.5	17 700 *	35.3	49.9	19 300 *	38.5	51.4	20 400 *	43.2	53.4	22 300 *	47.5	54.8	24 400 *							38.0
40.0	22.6	42.3	16 400 *	29.9	46.7	17 800 *	33.5	48.6	18 800 *	38.8	51.1	20 500 *	43.4	52.8	22 300 *	47.5	53.9	24 500 *				40.0
42.0	12.7	35.8	14 300 *	23.3	42.6	16 500 *	27.7	45.1	17 400 *	33.8	48.3	18 900 *	39.0	50.5	20 500 *	43.4	51.9	22 400 *				42.0
44.0				13.9	36.4	15 400 *	20.4	40.5	16 100 *	28.1	44.9	17 500 *	34.0	47.7	19 000 *	39.0	49.6	20 600 *	43.2	50.8	22 300 *	44.0
46.0										21.0	40.4	16 200 *	28.3	44.3	17 500 *	34.0	46.8	19 000 *	38.8	48.5	20 500 *	46.0
48.0													21.3	39.9	16 300 *	28.4	43.5	17 500 *	33.8	45.7	18 900 *	48.0
50.0													10.2	32.5	15 100 *	21.3	39.0	16 300 *	28.1	42.3	17 500 *	50.0
52.0																			21.0	37.8	16 300 *	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.2	68.4	49 200 *																			15.2
16.0	73.2	68.2	48 200 *																			16.0
18.0	70.3	67.5	45 700 *																			18.0
20.0	67.4	66.7	42 900 *	70.6	67.4	46 400 *																20.0
22.0	64.5	65.8	38 100 *	67.7	66.6	43 500 *																22.0
24.0	61.5	64.8	33 700 *	64.7	65.7	38 500 *																24.0
26.0	58.3	63.6	30 100 *	61.7	64.7	34 000 *	63.7	65.1	36 800 *													26.0
28.0	55.1	62.3	27 100 *	58.6	63.5	30 400 *	60.6	64.1	32 700 *													28.0
30.0	51.7	60.7	24 600 *	55.4	62.2	27 400 *	57.5	62.8	29 300 *	60.8	63.6	33 000 *										30.0
32.0	48.2	59.0	22 500 *	52.0	60.7	24 900 *	54.2	61.4	26 500 *	57.7	62.4	29 500 *										32.0
34.0	44.4	57.1	20 600 *	48.5	59.0	22 700 *	50.8	59.9	24 100 *	54.4	61.0	26 700 *										34.0
36.0	40.4	54.9	19 000 *	44.8	57.1	20 800 *	47.2	58.1	22 000 *	51.0	59.5	24 300 *	54.6	60.4	26 800 *							36.0
38.0	36.0	52.3	17 500 *	40.8	54.9	19 100 *	43.4	56.1	20 200 *	47.5	57.7	22 100 *	51.2	58.9	24 300 *							38.0
40.0	31.1	49.2	16 300 *	36.4	52.3	17 700 *	39.3	53.8	18 600 *	43.7	55.7	20 400 *	47.6	57.1	22 300 *	51.2	58.0	24 400 *				40.0
42.0	25.3	45.4	15 100 *	31.6	49.3	16 400 *	34.8	51.1	17 200 *	39.6	53.4	18 700 *	43.8	55.1	20 400 *	47.6	56.2	22 300 *				42.0
44.0	17.9	40.2	14 100 *	25.9	45.6	15 200 *	29.7	47.9	16 000 *	35.1	50.8	17 300 *	39.7	52.8	18 800 *	43.8	54.3	20 400 *				44.0
46.0				18.6	40.5	14 100 *	23.6	43.8	14 900 *	30.0	47.6	16 100 *	35.3	50.2	17 400 *	39.8	52.0	18 800 *	43.7	53.1	20 400 *	46.0
48.0							15.3	37.9	13 800 *	24.0	43.6	14 900 *	30.2	47.0	16 100 *	35.3	49.3	17 400 *	39.6	50.8	18 800 *	48.0
50.0										15.9	37.9	13 900 *	24.3	43.0	15 000 *	30.3	46.2	16 100 *	35.1	48.2	17 400 *	50.0
52.0													16.3	37.5	14 000 *	24.3	42.2	15 000 *	30.1	45.0	16 100 *	52.0
54.0																16.4	36.6	13 900 *	24.0	41.0	15 000 *	54.0
56.0																			16.0	35.3	13 900 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

24.4m (80 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.3	71.6	47 100 *																			15.2
16.0	74.3	71.4	46 300 *																			16.0
18.0	71.7	70.8	44 100 *																			18.0
20.0	69.0	70.0	42 000 *																			20.0
22.0	66.3	69.2	38 400 *	69.3	69.9	42 400 *																22.0
24.0	63.5	68.2	34 000 *	66.5	69.1	38 800 *																24.0
26.0	60.7	67.1	30 400 *	63.8	68.1	34 400 *	65.6	68.5	37 200 *													26.0
28.0	57.7	65.9	27 400 *	60.9	67.0	30 700 *	62.8	67.5	33 000 *													28.0
30.0	54.7	64.6	24 900 *	58.0	65.8	27 600 *	59.9	66.4	29 600 *													30.0
32.0	51.6	63.0	22 700 *	55.0	64.5	25 100 *	56.9	65.2	26 700 *	60.1	66.0	29 800 *										32.0
34.0	48.3	61.3	20 800 *	51.8	63.0	22 900 *	53.9	63.8	24 200 *	57.1	64.7	26 900 *										34.0
36.0	44.8	59.4	19 100 *	48.5	61.3	20 900 *	50.7	62.2	22 100 *	54.1	63.3	24 400 *										36.0
38.0	41.0	57.2	17 600 *	45.1	59.4	19 200 *	47.4	60.4	20 300 *	50.9	61.8	22 200 *	54.2	62.7	24 500 *							38.0
40.0	37.0	54.7	16 300 *	41.4	57.2	17 700 *	43.8	58.4	18 700 *	47.6	60.0	20 400 *	51.0	61.2	22 300 *							40.0
42.0	32.6	51.8	15 100 *	37.4	54.7	16 400 *	40.0	56.2	17 200 *	44.0	58.1	18 700 *	47.7	59.4	20 500 *	51.0	60.3	22 300 *				42.0
44.0	27.5	48.2	14 000 *	33.0	51.8	15 200 *	35.9	53.5	15 900 *	40.3	55.8	17 300 *	44.2	57.4	18 800 *	47.7	58.5	20 400 *				44.0
46.0	21.3	43.7	13 000 *	28.0	48.4	14 100 *	31.3	50.5	14 800 *	36.2	53.2	16 000 *	40.4	55.2	17 400 *	44.2	56.6	18 800 *				46.0
48.0	12.4	36.9	10 900 *	21.9	44.0	13 100 *	26.0	46.7	13 700 *	31.6	50.2	14 800 *	36.3	52.6	16 000 *	40.4	54.3	17 300 *	44.1	55.5	18 700 *	48.0
50.0				13.4	37.5	12 000 *	19.4	41.8	12 700 *	26.4	46.5	13 800 *	31.8	49.6	14 900 *	36.4	51.8	16 000 *	40.3	53.2	17 300 *	50.0
52.0										19.8	41.7	12 800 *	26.6	46.0	13 800 *	31.8	48.8	14 900 *	36.2	50.6	16 000 *	52.0
54.0													20.1	41.2	12 800 *	26.6	45.1	13 800 *	31.6	47.6	14 800 *	54.0
56.0													10.2	33.6	11 900 *	20.2	40.4	12 800 *	26.4	43.9	13 700 *	56.0
58.0																			19.9	39.1	12 800 *	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.4	74.3	42 600 *																			16.8
18.0	72.9	74.0	41 500 *																			18.0
20.0	70.4	73.3	39 600 *																			20.0
22.0	67.9	72.5	37 500 *																			22.0
24.0	65.3	71.6	33 900 *	68.1	72.4	38 100 *																24.0
26.0	62.7	70.6	30 100 *	65.5	71.5	34 100 *	67.2	71.9	37 000 *													26.0
28.0	60.0	69.5	27 100 *	62.9	70.5	30 500 *	64.6	70.9	32 800 *													28.0
30.0	57.2	68.3	24 600 *	60.2	69.4	27 400 *	62.0	69.9	29 300 *													30.0
32.0	54.4	66.9	22 400 *	57.5	68.2	24 800 *	59.3	68.8	26 500 *	62.1	69.5	29 600 *										32.0
34.0	51.4	65.3	20 500 *	54.6	66.8	22 600 *	56.5	67.5	24 000 *	59.4	68.3	26 700 *										34.0
36.0	48.3	63.6	18 900 *	51.7	65.3	20 700 *	53.6	66.1	21 900 *	56.7	67.1	24 200 *										36.0
38.0	45.0	61.7	17 400 *	48.6	63.6	19 000 *	50.6	64.5	20 000 *	53.8	65.7	22 000 *										38.0
40.0	41.6	59.6	16 100 *	45.3	61.7	17 500 *	47.5	62.7	18 400 *	50.8	64.1	20 200 *	53.9	65.0	22 100 *							40.0
42.0	37.9	57.1	14 900 *	41.9	59.6	16 200 *	44.2	60.7	17 000 *	47.7	62.3	18 600 *	50.9	63.5	20 200 *							42.0
44.0	33.8	54.3	13 800 *	38.2	57.1	15 000 *	40.6	58.5	15 700 *	44.4	60.4	17 100 *	47.8	61.7	18 600 *	50.9	62.6	20 200 *				44.0
46.0	29.3	51.0	12 800 *	34.2	54.4	13 900 *	36.8	56.0	14 600 *	40.9	58.2	15 800 *	44.5	59.8	17 100 *	47.8	60.8	18 600 *				46.0
48.0	23.9	46.9	12 000 *	29.7	51.1	12 900 *	32.7	53.1	13 500 *	37.1	55.6	14 600 *	41.0	57.6	15 800 *	44.5	58.9	17 100 *				48.0
50.0	17.1	41.4	10 900 *	24.4	47.1	12 000 *	27.9	49.6	12 600 *	32.9	52.7	13 600 *	37.2	55.1	14 700 *	41.0	56.7	15 800 *	44.4	57.8	17 100 *	50.0
52.0				17.8	41.8	11 200 *	22.3	45.2	11 700 *	28.3	49.3	12 600 *	33.1	52.2	13 600 *	37.3	54.2	14 700 *	40.9	55.6	15 800 *	52.0
54.0							14.7	39.1	10 800 *	22.7	45.0	11 700 *	28.5	48.8	12 700 *	33.1	51.3	13 600 *	37.1	53.1	14 600 *	54.0
56.0										15.3	39.1	10 900 *	22.9	44.5	11 800 *	28.5	47.9	12 600 *	33.0	50.2	13 600 *	56.0
58.0													15.7	38.6	10 900 *	23.0	43.7	11 800 *	28.3	46.7	12 600 *	58.0
60.0																15.7	37.8	10 900 *	22.7	42.4	11 700 *	60.0
62.0																			15.4	36.5	10 900 *	62.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

24.4m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.3	77.5	39 600 *																			16.8
18.0	73.9	77.2	38 500 *																			18.0
20.0	71.6	76.5	36 800 *																			20.0
22.0	69.2	75.8	35 200 *																			22.0
24.0	66.8	75.0	33 500 *	69.4	75.7	35 600 *																24.0
26.0	64.4	74.0	30 300 *	67.1	74.8	33 900 *																26.0
28.0	61.9	73.0	27 300 *	64.6	73.9	30 700 *	66.2	74.3	32 800 *													28.0
30.0	59.4	71.9	24 700 *	62.1	72.9	27 500 *	63.8	73.4	29 500 *													30.0
32.0	56.8	70.6	22 500 *	59.6	71.8	24 900 *	61.3	72.3	26 500 *													32.0
34.0	54.1	69.2	20 600 *	57.0	70.5	22 700 *	58.7	71.1	24 100 *	61.4	71.9	26 800 *										34.0
36.0	51.3	67.6	18 900 *	54.3	69.1	20 700 *	56.0	69.8	21 900 *	58.9	70.7	24 200 *										36.0
38.0	48.3	65.9	17 300 *	51.5	67.6	19 000 *	53.3	68.4	20 000 *	56.2	69.4	22 000 *										38.0
40.0	45.3	64.0	16 000 *	48.6	65.9	17 500 *	50.5	66.8	18 400 *	53.5	68.0	20 200 *	56.3	68.8	22 100 *							40.0
42.0	42.1	61.9	14 800 *	45.6	64.0	16 100 *	47.5	65.0	17 000 *	50.7	66.4	18 500 *	53.6	67.3	20 200 *							42.0
44.0	38.6	59.5	13 800 *	42.3	61.9	14 900 *	44.4	63.1	15 700 *	47.7	64.6	17 000 *	50.8	65.8	18 600 *							44.0
46.0	34.9	56.8	12 800 *	38.9	59.5	13 900 *	41.2	60.9	14 500 *	44.7	62.7	15 700 *	47.9	64.0	17 100 *	50.8	64.9	18 600 *				46.0
48.0	30.7	53.6	11 900 *	35.2	56.8	12 900 *	37.7	58.4	13 500 *	41.4	60.5	14 600 *	44.8	62.1	15 800 *	47.9	63.1	17 100 *				48.0
50.0	26.0	49.9	11 000 *	31.1	53.7	12 000 *	33.8	55.6	12 500 *	37.9	58.1	13 500 *	41.5	59.9	14 600 *	44.8	61.2	15 800 *				50.0
52.0	20.3	45.1	10 300 *	26.5	50.0	11 100 *	29.6	52.3	11 600 *	34.1	55.3	12 600 *	38.0	57.5	13 600 *	41.5	59.0	14 600 *	44.7	60.1	15 700 *	52.0
54.0	12.2	38.0	8 700 *	20.9	45.4	10 400 *	24.6	48.3	10 800 *	29.8	52.0	11 700 *	34.2	54.7	12 600 *	38.0	56.6	13 500 *	41.4	57.9	14 600 *	54.0
56.0				13.1	38.6	9 500 *	18.5	43.1	10 100 *	25.0	48.1	10 900 *	30.0	51.4	11 700 *	34.2	53.8	12 600 *	37.9	55.5	13 500 *	56.0
58.0										18.9	43.0	10 100 *	25.2	47.5	10 900 *	30.0	50.6	11 700 *	34.1	52.7	12 600 *	58.0
60.0													19.2	42.5	10 100 *	25.2	46.7	10 900 *	29.9	49.4	11 700 *	60.0
62.0													10.2	34.7	9 400 *	19.2	41.7	10 100 *	25.0	45.5	10 900 *	62.0
64.0																10.3	33.8	9 400 *	19.0	40.4	10 100 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.5	80.2	36 000 *																			18.3
20.0	72.6	79.7	34 600 *																			20.0
22.0	70.4	79.0	33 100 *																			22.0
24.0	68.2	78.3	31 200 *																			24.0
26.0	65.9	77.4	29 400 *	68.4	78.1	31 600 *																26.0
28.0	63.6	76.5	27 100 *	66.1	77.3	29 800 *																28.0
30.0	61.2	75.4	24 400 *	63.8	76.3	27 400 *	65.3	76.7	29 000 *													30.0
32.0	58.8	74.2	22 200 *	61.5	75.3	24 700 *	63.0	75.8	26 400 *													32.0
34.0	56.3	72.9	20 300 *	59.0	74.1	22 400 *	60.6	74.7	23 800 *													34.0
36.0	53.8	71.5	18 600 *	56.6	72.8	20 500 *	58.2	73.5	21 700 *	60.8	74.2	24 000 *										36.0
38.0	51.1	69.9	17 200 *	54.0	71.4	18 800 *	55.7	72.1	19 800 *	58.3	73.0	21 800 *										38.0
40.0	48.4	68.2	15 800 *	51.4	69.9	17 300 *	53.1	70.7	18 200 *	55.8	71.7	19 900 *										40.0
42.0	45.5	66.3	14 600 *	48.6	68.2	15 900 *	50.4	69.1	16 800 *	53.3	70.3	18 300 *	55.9	71.1	20 000 *							42.0
44.0	42.5	64.2	13 600 *	45.8	66.3	14 700 *	47.6	67.3	15 400 *	50.6	68.7	16 800 *	53.4	69.6	18 300 *							44.0
46.0	39.2	61.9	12 600 *	42.7	64.2	13 600 *	44.7	65.4	14 300 *	47.8	66.9	15 500 *	50.7	68.1	16 900 *							46.0
48.0	35.8	59.2	11 700 *	39.5	61.9	12 600 *	41.6	63.2	13 300 *	44.9	65.0	14 400 *	47.9	66.3	15 600 *	50.7	67.2	16 900 *				48.0
50.0	32.0	56.2	10 900 *	36.1	59.3	11 800 *	38.4	60.8	12 300 *	41.8	62.9	13 300 *	45.0	64.4	14 400 *	47.9	65.4	15 600 *				50.0
52.0	27.7	52.7	10 100 *	32.3	56.3	10 900 *	34.8	58.1	11 400 *	38.6	60.5	12 300 *	42.0	62.2	13 300 *	45.0	63.5	14 400 *				52.0
54.0	22.8	48.4	9 400 *	28.1	52.8	10 200 *	30.9	54.9	10 600 *	35.1	57.7	11 500 *	38.7	59.9	12 400 *	42.0	61.4	13 400 *	44.9	62.4	14 400 *	54.0
56.0	16.4	42.6	8 600 *	23.3	48.6	9 500 *	26.5	51.2	9 900 *	31.2	54.6	10 700 *	35.2	57.2	11 500 *	38.7	59.0	12 400 *	41.8	60.3	13 300 *	56.0
58.0				17.1	43.0	8 800 *	21.3	46.6	9 200 *	26.8	51.0	9 900 *	31.3	54.1	10 700 *	35.2	56.3	11 500 *	38.6	57.9	12 300 *	58.0
60.0							14.3	40.2	8 600 *	21.7	46.4	9 200 *	27.0	50.4	9 900 *	31.4	53.2	10 700 *	35.1	55.1	11 500 *	60.0
62.0										14.8	40.2	8 600 *	21.9	45.9	9 300 *	27.0	49.6	10 000 *	31.2	52.0	10 700 *	62.0
64.0													15.1	39.8	8 600 *	21.9	45.1	9 300 *	26.8	48.4	9 900 *	64.0
68.0																			14.9	37.6	8 600 *	68.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

24.4m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.4	83.4	33 900 *																			18.3
20.0	73.6	82.9	32 600 *																			20.0
22.0	71.5	82.3	31 000 *																			22.0
24.0	69.4	81.6	29 300 *																			24.0
26.0	67.3	80.7	27 600 *	69.6	81.4	29 600 *																26.0
28.0	65.1	79.8	25 900 *	67.5	80.6	27 900 *																28.0
30.0	62.9	78.9	24 200 *	65.3	79.7	26 300 *	66.7	80.1	27 300 *													30.0
32.0	60.6	77.8	22 000 *	63.1	78.7	24 400 *	64.5	79.2	25 700 *													32.0
34.0	58.3	76.6	20 100 *	60.8	77.7	22 200 *	62.3	78.2	23 700 *													34.0
36.0	56.0	75.3	18 400 *	58.5	76.5	20 200 *	60.0	77.0	21 500 *													36.0
38.0	53.5	73.8	16 900 *	56.2	75.2	18 500 *	57.7	75.8	19 600 *	60.2	76.6	21 600 *										38.0
40.0	51.0	72.2	15 600 *	53.8	73.7	17 100 *	55.3	74.5	18 000 *	57.9	75.4	19 700 *										40.0
42.0	48.4	70.5	14 400 *	51.2	72.2	15 700 *	52.9	73.0	16 500 *	55.5	74.0	18 100 *										42.0
44.0	45.7	68.6	13 300 *	48.6	70.5	14 500 *	50.3	71.4	15 300 *	53.0	72.6	16 600 *	55.6	73.4	18 200 *							44.0
46.0	42.8	66.6	12 400 *	45.9	68.6	13 400 *	47.7	69.6	14 100 *	50.5	71.0	15 300 *	53.1	72.0	16 700 *							46.0
48.0	39.8	64.3	11 500 *	43.1	66.5	12 500 *	44.9	67.7	13 000 *	47.9	69.2	14 200 *	50.6	70.4	15 400 *							48.0
50.0	36.6	61.7	10 700 *	40.1	64.3	11 600 *	42.1	65.6	12 100 *	45.1	67.3	13 100 *	48.0	68.6	14 200 *	50.6	69.5	15 400 *				50.0
52.0	33.1	58.8	9 900 *	36.9	61.7	10 700 *	39.0	63.2	11 200 *	42.2	65.2	12 200 *	45.2	66.7	13 100 *	48.0	67.8	14 200 *				52.0
54.0	29.2	55.4	9 200 *	33.4	58.8	10 000 *	35.7	60.5	10 400 *	39.2	62.8	11 300 *	42.4	64.6	12 200 *	45.2	65.8	13 100 *				54.0
56.0	24.8	51.4	8 600 *	29.6	55.5	9 300 *	32.1	57.5	9 700 *	35.9	60.2	10 500 *	39.3	62.2	11 300 *	42.4	63.7	12 200 *	45.1	64.7	13 100 *	56.0
58.0	19.5	46.4	8 000 *	25.2	51.6	8 600 *	28.1	54.0	9 000 *	32.3	57.2	9 800 *	36.0	59.6	10 500 *	39.3	61.4	11 300 *	42.3	62.6	12 100 *	58.0
60.0	12.0	39.1	6 700 *	20.0	46.7	8 000 *	23.5	49.8	8 400 *	28.4	53.7	9 100 *	32.5	56.6	9 800 *	36.0	58.7	10 500 *	39.2	60.2	11 300 *	60.0
62.0				12.8	39.7	7 300 *	17.8	44.4	7 800 *	23.8	49.6	8 400 *	28.5	53.2	9 100 *	32.5	55.8	9 800 *	35.9	57.6	10 500 *	62.0
64.0							9.0	35.7	7 200 *	18.2	44.3	7 800 *	24.0	49.1	8 500 *	28.6	52.3	9 100 *	32.4	54.6	9 800 *	64.0
68.0													10.2	35.7	7 300 *	18.5	43.0	7 900 *	23.8	47.0	8 400 *	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	74.6	86.2	30 300 *																			19.8
20.0	74.4	86.1	30 200 *																			20.0
22.0	72.5	85.5	28 800 *																			22.0
24.0	70.5	84.8	27 200 *																			24.0
26.0	68.5	84.0	25 600 *	70.7	84.7	27 400 *																26.0
28.0	66.4	83.2	24 000 *	68.6	83.9	25 900 *																28.0
30.0	64.4	82.3	22 500 *	66.6	83.1	24 300 *																30.0
32.0	62.2	81.2	21 000 *	64.5	82.1	22 700 *	65.9	82.5	23 700 *													32.0
34.0	60.1	80.1	19 600 *	62.4	81.1	21 200 *	63.8	81.6	22 200 *													34.0
36.0	57.9	78.9	18 100 *	60.3	80.0	19 900 *	61.7	80.5	20 800 *													36.0
38.0	55.6	77.6	16 700 *	58.1	78.8	18 300 *	59.5	79.4	19 400 *													38.0
40.0	53.3	76.1	15 400 *	55.8	77.5	16 800 *	57.3	78.1	17 800 *	59.7	79.0	19 400 *										40.0
42.0	50.9	74.6	14 200 *	53.5	76.1	15 500 *	55.0	76.8	16 300 *	57.4	77.7	17 900 *										42.0
44.0	48.4	72.8	13 100 *	51.1	74.5	14 300 *	52.7	75.3	15 000 *	55.2	76.4	16 400 *										44.0
46.0	45.9	71.0	12 200 *	48.7	72.8	13 200 *	50.3	73.7	13 900 *	52.8	74.9	15 100 *	55.3	75.7	16 400 *							46.0
48.0	43.2	68.9	11 300 *	46.1	70.9	12 200 *	47.8	71.9	12 800 *	50.4	73.3	13 900 *	52.9	74.3	15 100 *							48.0
50.0	40.3	66.6	10 400 *	43.4	68.9	11 300 *	45.2	70.0	11 900 *	47.9	71.5	12 900 *	50.5	72.7	14 000 *							50.0
52.0	37.3	64.1	9 700 *	40.6	66.6	10 500 *	42.4	67.9	11 000 *	45.3	69.6	11 900 *	48.0	70.9	12 900 *	50.5	71.8	14 000 *				52.0
54.0	34.0	61.3	9 000 *	37.6	64.1	9 800 *	39.5	65.6	10 200 *	42.6	67.5	11 100 *	45.4	69.0	12 000 *	48.0	70.1	12 900 *				54.0
56.0	30.5	58.1	8 400 *	34.3	61.3	9 100 *	36.5	63.0	9 500 *	39.7	65.2	10 300 *	42.7	66.9	11 100 *	45.4	68.1	12 000 *				56.0
58.0	26.5	54.3	7 800 *	30.8	58.2	8 500 *	33.1	60.0	8 800 *	36.7	62.6	9 500 *	39.8	64.6	10 300 *	42.7	66.1	11 100 *	45.3	67.0	11 900 *	58.0
60.0	21.8	49.8	7 200 *	26.9	54.5	7 900 *	29.5	56.7	8 200 *	33.4	59.7	8 900 *	36.8	62.0	9 600 *	39.8	63.7	10 300 *	42.6	64.9	11 000 *	60.0
62.0	15.9	43.8	6 500 *	22.3	50.0	7 300 *	25.3	52.8	7 600 *	29.7	56.4	8 200 *	33.5	59.2	8 900 *	36.8	61.2	9 600 *	39.7	62.6	10 200 *	62.0
64.0	5.3	32.7	4 600 *	16.5	44.2	6 800 *	20.4	48.0	7 100 *	25.6	52.6	7 700 *	29.9	55.9	8 300 *	33.5	58.3	8 900 *	36.7	60.0	9 500 *	64.0
68.0										14.4	41.3	6 600 *	21.0	47.3	7 100 *	25.8	51.2	7 700 *	29.7	53.8	8 200 *	68.0
72.0																14.7	40.1	6 600 *	20.8	45.2	7 100 *	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

27.4m (90 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	68.4	50.2	79 500 *b																			11.6
12.0	67.2	50.0	77 400 *b																			12.0
14.0	61.2	49.0	67 900 *b	68.5	50.0	79 200 *b																14.0
16.0	54.8	47.7	57 400 *b	62.5	49.0	69 600 *b																16.0
18.0	47.8	46.1	48 600 *	56.2	47.8	59 800 *b	60.9	48.5	67 300 *b													18.0
20.0	39.9	43.9	42 100 *	49.4	46.2	50 400 *	54.4	47.2	56 900 *	62.0	48.2	70 300 b										20.0
22.0	30.2	40.9	37 100 *	41.7	44.2	43 400 *	47.4	45.5	48 400 *	55.7	46.9	59 100 *b										22.0
24.0	15.9	36.0	32 600 *	32.6	41.5	38 100 *	39.4	43.3	42 000 *	48.8	45.3	49 900 *										24.0
26.0							29.7	40.3	37 000 *	41.0	43.2	43 100 *	50.0	44.8	49 600							26.0
28.0										31.8	40.4	37 900 *	42.4	42.8	44 400 *	50.9	44.1	44 200				28.0
30.0										18.6	35.9	33 700 *	33.4	40.2	38 700 *	43.4	42.1	40 500				30.0
32.0													21.3	36.1	34 300 *	34.7	39.6	37 400	44.1	41.1	36 500	32.0
34.0																23.2	35.8	34 600	35.5	38.6	33 900	34.0
36.0																			24.3	35.0	31 500	36.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

27.4m (90 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	71.2	53.5	77 700 *b																			11.6
12.0	70.2	53.3	75 600 *b																			12.0
14.0	65.1	52.5	66 700 *b																			14.0
16.0	59.7	51.4	58 100 *b	66.2	52.5	68 500 *b																16.0
18.0	54.1	50.0	48 900 *	60.9	51.4	59 800 *	64.8	52.0	66 100 *b													18.0
20.0	47.9	48.4	42 400 *	55.3	50.1	50 600 *	59.4	50.9	57 400 *													20.0
22.0	41.1	46.3	37 200 *	49.3	48.5	43 700 *	53.8	49.5	48 600 *	60.5	50.5	59 500 *b										22.0
24.0	33.1	43.5	33 100 *	42.7	46.5	38 300 *	47.6	47.8	42 200 *	54.9	49.2	50 100 *										24.0
26.0	22.8	39.6	29 700 *	35.0	44.0	34 000 *	40.7	45.7	37 100 *	48.8	47.6	43 400 *	55.8	48.7	49 300							26.0
28.0				25.4	40.4	30 400 *	32.7	42.9	33 000 *	42.1	45.6	38 000 *	49.9	47.1	44 600							28.0
30.0							22.1	38.9	29 700 *	34.4	42.9	33 800 *	43.3	45.2	38 800 *							30.0
32.0										24.5	39.3	30 300 *	35.7	42.6	34 400 *	44.2	44.5	37 200				32.0
34.0													26.4	39.2	30 900 *	36.8	42.0	34 400	44.7	43.5	33 600	34.0
36.0																27.7	38.7	31 400 *	37.4	41.1	31 300	36.0
38.0																13.9	33.2	28 200 *	28.5	37.9	29 300	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.0	74.7	56.9	78 200 *b																			11.0
12.0	72.5	56.6	73 900 *b																			12.0
14.0	68.0	55.8	65 400 *b																			14.0
16.0	63.4	54.9	57 700 *	69.0	55.8	67 100 *b																16.0
18.0	58.6	53.7	49 200 *	64.4	54.9	59 700 *																18.0
20.0	53.5	52.3	42 500 *	59.7	53.8	50 800 *	63.2	54.4	57 600 *													20.0
22.0	48.0	50.7	37 300 *	54.7	52.4	43 800 *	58.3	53.2	48 800 *													22.0
24.0	42.1	48.6	33 200 *	49.3	50.8	38 400 *	53.2	51.8	42 300 *	59.3	52.9	50 500 *										24.0
26.0	35.2	46.0	29 800 *	43.4	48.9	34 100 *	47.7	50.1	37 200 *	54.2	51.5	43 500 *										26.0
28.0	27.0	42.6	27 000 *	36.8	46.4	30 500 *	41.7	48.0	33 100 *	48.8	49.9	38 100 *	55.1	51.0	44 400							28.0
30.0	14.7	37.1	24 400 *	29.0	43.2	27 600 *	34.9	45.4	29 700 *	42.9	47.9	33 900 *	49.8	49.4	39 000 *							30.0
32.0				18.2	38.5	25 000 *	26.4	41.9	26 900 *	36.3	45.4	30 300 *	44.0	47.5	34 500 *	50.5	48.7	37 000				32.0
34.0										28.3	42.1	27 400 *	37.4	45.1	30 900 *	44.7	46.8	34 300				34.0
36.0										17.0	37.1	24 900 *	29.7	42.0	27 900 *	38.3	44.5	31 500 *	45.2	45.8	31 200	36.0
38.0													19.3	37.4	25 400 *	30.8	41.5	28 300 *	38.9	43.5	29 100	38.0
40.0																20.9	37.2	25 700 *	31.4	40.6	27 300	40.0
42.0																			21.8	36.4	25 600	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

27.4m (90 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	75.1	59.9	71 000 *b																			11.6
12.0	74.3	59.8	70 000 *b																			12.0
14.0	70.3	59.1	64 100 *b																			14.0
16.0	66.3	58.3	57 000 *																			16.0
18.0	62.1	57.3	49 300 *	67.2	58.2	58 800 *																18.0
20.0	57.7	56.1	42 500 *	63.0	57.3	50 900 *	66.0	57.8	56 900 *													20.0
22.0	53.1	54.7	37 300 *	58.7	56.1	43 800 *	61.8	56.7	49 000 *													22.0
24.0	48.1	53.0	33 100 *	54.1	54.8	38 400 *	57.4	55.5	42 300 *													24.0
26.0	42.8	50.9	29 700 *	49.3	53.1	34 000 *	52.8	54.1	37 200 *	58.3	55.2	43 500 *										26.0
28.0	36.8	48.5	26 900 *	44.0	51.2	30 400 *	47.9	52.4	33 100 *	53.7	53.8	38 100 *										28.0
30.0	29.9	45.4	24 500 *	38.2	48.8	27 500 *	42.5	50.4	29 600 *	48.9	52.2	33 800 *	54.5	53.3	39 000 *							30.0
32.0	20.8	41.0	22 400 *	31.5	45.9	25 000 *	36.5	47.9	26 900 *	43.6	50.2	30 300 *	49.7	51.7	34 500 *							32.0
34.0				23.1	41.9	22 800 *	29.4	44.7	24 400 *	37.7	47.8	27 400 *	44.5	49.8	30 900 *	50.3	51.0	34 100				34.0
36.0							20.2	40.2	22 400 *	30.9	44.8	24 900 *	38.7	47.5	27 800 *	45.2	49.1	31 300				36.0
38.0										22.3	40.7	22 700 *	32.1	44.6	25 300 *	39.5	46.8	28 200 *				38.0
40.0													23.9	40.7	23 100 *	33.0	44.0	25 600 *	40.0	45.9	27 000	40.0
42.0																25.1	40.3	23 400 *	33.6	43.1	25 400	42.0
44.0																13.2	34.3	21 400 *	25.8	39.5	23 600	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

27.4m (90 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.4	62.9	65 700 *b																			12.2
14.0	72.2	62.3	62 100 *b																			14.0
16.0	68.5	61.6	56 100 *																			16.0
18.0	64.8	60.7	50 300 *																			18.0
20.0	60.9	59.6	43 700 *	65.6	60.7	51 900 *																20.0
22.0	56.9	58.4	38 300 *	61.8	59.7	45 200 *	64.6	60.2	50 100 *													22.0
24.0	52.7	57.0	34 000 *	57.8	58.5	39 400 *	60.7	59.1	43 500 *													24.0
26.0	48.2	55.3	30 500 *	53.7	57.1	34 900 *	56.7	57.9	38 200 *	61.5	58.8	44 700 *										26.0
28.0	43.4	53.3	27 600 *	49.2	55.4	31 300 *	52.5	56.4	33 900 *	57.5	57.6	39 100 *										28.0
30.0	38.1	50.9	25 100 *	44.5	53.5	28 200 *	48.0	54.7	30 400 *	53.3	56.1	34 700 *										30.0
32.0	32.0	48.0	23 000 *	39.3	51.2	25 600 *	43.1	52.7	27 500 *	48.9	54.5	31 100 *	54.0	55.6	35 400 *							32.0
34.0	24.7	44.2	21 100 *	33.5	48.5	23 400 *	37.8	50.3	25 000 *	44.1	52.5	28 000 *	49.6	54.0	31 600 *							34.0
36.0	14.0	38.2	18 600 *	26.5	44.9	21 500 *	31.7	47.3	22 900 *	38.9	50.2	25 500 *	44.9	52.1	28 500 *	50.2	53.3	31 500				36.0
38.0				16.9	39.7	19 800 *	24.2	43.5	21 000 *	33.0	47.4	23 300 *	39.8	49.9	25 900 *	45.5	51.4	28 900				38.0
40.0										25.8	43.8	21 400 *	34.0	47.1	23 600 *	40.5	49.2	26 200 *	45.9	50.4	26 800	40.0
42.0										15.9	38.3	19 700 *	27.1	43.7	21 700 *	34.8	46.5	23 900 *	40.9	48.2	25 200	42.0
44.0													17.9	38.7	20 000 *	28.1	43.2	21 900 *	35.2	45.6	23 700	44.0
46.0																19.3	38.5	20 200 *	28.7	42.3	22 100 *	46.0
48.0																			20.2	37.8	20 400 *	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

27.4m (90 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.2	65.6	58 600 *b																			13.7
14.0	73.7	65.5	58 200 *b																			14.0
16.0	70.4	64.9	54 600 *																			16.0
18.0	67.0	64.1	49 800 *																			18.0
20.0	63.6	63.1	43 600 *	67.8	64.0	51 000 *																20.0
22.0	60.0	62.0	38 200 *	64.3	63.1	45 100 *	66.9	63.5	49 500 *													22.0
24.0	56.3	60.7	33 900 *	60.8	62.0	39 300 *	63.4	62.6	43 500 *													24.0
26.0	52.4	59.3	30 300 *	57.1	60.8	34 800 *	59.8	61.5	38 000 *													26.0
28.0	48.3	57.6	27 400 *	53.3	59.4	31 100 *	56.1	60.2	33 700 *	60.5	61.1	39 000 *										28.0
30.0	43.9	55.6	24 900 *	49.2	57.7	28 000 *	52.2	58.7	30 200 *	56.8	59.9	34 500 *										30.0
32.0	39.1	53.3	22 800 *	44.9	55.8	25 400 *	48.1	57.0	27 300 *	53.0	58.5	30 900 *	57.4	59.3	35 200 *							32.0
34.0	33.7	50.5	20 900 *	40.2	53.6	23 200 *	43.7	55.0	24 800 *	48.9	56.8	27 900 *	53.6	57.9	31 500 *							34.0
36.0	27.5	47.1	19 200 *	35.0	51.0	21 300 *	38.8	52.7	22 700 *	44.5	54.9	25 300 *	49.6	56.3	28 300 *							36.0
38.0	19.4	42.3	17 800 *	29.0	47.7	19 600 *	33.4	49.9	20 900 *	39.8	52.6	23 100 *	45.3	54.4	25 700 *	50.1	55.6	28 700				38.0
40.0				21.4	43.3	18 100 *	27.1	46.4	19 300 *	34.5	49.9	21 200 *	40.6	52.2	23 500 *	45.8	53.7	26 000 *				40.0
42.0							18.9	41.5	17 800 *	28.4	46.6	19 500 *	35.5	49.6	21 500 *	41.2	51.6	23 700 *	46.2	52.7	25 000	42.0
44.0										20.7	42.1	18 100 *	29.5	46.4	19 800 *	36.1	49.0	21 800 *	41.6	50.6	23 500	44.0
46.0													22.2	42.2	18 300 *	30.3	45.9	20 000 *	36.6	48.1	21 900 *	46.0
48.0																23.2	41.8	18 500 *	30.8	45.0	20 200 *	48.0
50.0																12.7	35.4	17 100 *	23.9	41.0	18 600 *	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

27.4m (90 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.4	68.8	54 400 *																			13.7
14.0	75.0	68.7	54 000 *																			14.0
16.0	72.0	68.1	51 200 *																			16.0
18.0	68.9	67.4	48 400 *																			18.0
20.0	65.8	66.5	44 000 *	69.6	67.3	49 600 *																20.0
22.0	62.5	65.5	38 400 *	66.5	66.5	45 300 *																22.0
24.0	59.2	64.4	34 100 *	63.2	65.5	39 600 *	65.6	66.0	43 600 *													24.0
26.0	55.7	63.1	30 500 *	59.9	64.4	35 000 *	62.4	65.0	38 200 *													26.0
28.0	52.1	61.6	27 500 *	56.5	63.1	31 200 *	59.0	63.8	33 900 *													28.0
30.0	48.3	59.9	24 900 *	52.9	61.7	28 100 *	55.6	62.5	30 400 *	59.7	63.5	34 800 *										30.0
32.0	44.3	57.9	22 800 *	49.2	60.0	25 500 *	51.9	61.0	27 400 *	56.2	62.2	31 000 *										32.0
34.0	39.9	55.7	20 900 *	45.2	58.1	23 300 *	48.1	59.3	24 900 *	52.7	60.8	27 900 *	56.8	61.7	31 600 *							34.0
36.0	35.1	53.0	19 300 *	40.9	56.0	21 300 *	44.1	57.3	22 700 *	48.9	59.1	25 400 *	53.3	60.2	28 400 *							36.0
38.0	29.6	49.8	17 800 *	36.2	53.4	19 600 *	39.7	55.1	20 900 *	44.9	57.2	23 100 *	49.5	58.6	25 800 *							38.0
40.0	23.0	45.6	16 500 *	30.9	50.3	18 100 *	34.9	52.4	19 300 *	40.6	55.0	21 200 *	45.6	56.7	23 500 *	50.0	57.9	26 100 *				40.0
42.0	13.4	39.3	14 800 *	24.6	46.4	16 800 *	29.3	49.1	17 800 *	35.8	52.4	19 600 *	41.3	54.6	21 600 *	46.1	56.0	23 800 *				42.0
44.0				16.0	40.9	15 600 *	22.6	44.9	16 500 *	30.5	49.3	18 100 *	36.7	52.1	19 800 *	41.9	53.9	21 800 *				44.0
46.0										24.0	45.3	16 800 *	31.4	49.0	18 300 *	37.3	51.4	20 000 *	42.2	52.9	22 000 *	46.0
48.0										15.2	39.5	15 600 *	25.2	45.2	17 000 *	32.1	48.5	18 500 *	37.7	50.5	20 200 *	48.0
50.0													16.9	39.9	15 800 *	26.1	44.8	17 100 *	32.6	47.6	18 600 *	50.0
52.0																18.2	39.7	15 900 *	26.6	44.0	17 200 *	52.0
54.0																			18.9	39.1	16 000 *	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.4	71.5	49 000 *																			15.2
16.0	73.3	71.3	48 100 *																			16.0
18.0	70.5	70.6	45 600 *																			18.0
20.0	67.6	69.8	43 200 *																			20.0
22.0	64.6	68.9	38 300 *	68.2	69.8	44 000 *																22.0
24.0	61.6	67.9	33 800 *	65.3	68.9	39 600 *																24.0
26.0	58.5	66.7	30 300 *	62.3	67.9	34 800 *	64.5	68.4	38 100 *													26.0
28.0	55.3	65.4	27 300 *	59.2	66.7	31 000 *	61.5	67.4	33 700 *													28.0
30.0	51.9	63.9	24 800 *	56.0	65.5	27 900 *	58.3	66.2	30 200 *													30.0
32.0	48.4	62.2	22 600 *	52.7	64.0	25 300 *	55.1	64.8	27 200 *	58.9	65.8	30 800 *										32.0
34.0	44.7	60.2	20 700 *	49.2	62.3	23 100 *	51.7	63.3	24 700 *	55.7	64.5	27 800 *										34.0
36.0	40.7	58.0	19 100 *	45.5	60.5	21 100 *	48.2	61.6	22 600 *	52.4	63.1	25 200 *	56.3	64.0	28 300 *							36.0
38.0	36.3	55.5	17 600 *	41.6	58.3	19 400 *	44.5	59.7	20 700 *	48.9	61.4	23 000 *	53.0	62.5	25 600 *							38.0
40.0	31.4	52.4	16 300 *	37.3	55.8	17 900 *	40.4	57.4	19 000 *	45.2	59.5	21 000 *	49.5	60.9	23 300 *							40.0
42.0	25.7	48.7	15 200 *	32.5	52.9	16 600 *	36.0	54.8	17 600 *	41.2	57.3	19 300 *	45.8	59.1	21 300 *	49.9	60.2	23 600 *				42.0
44.0	18.3	43.6	14 100 *	27.0	49.3	15 400 *	31.1	51.8	16 300 *	36.9	54.8	17 900 *	41.9	56.9	19 600 *	46.3	58.3	21 600 *				44.0
46.0				20.2	44.6	14 400 *	25.3	48.0	15 100 *	32.1	51.9	16 600 *	37.7	54.5	18 100 *	42.4	56.2	19 900 *	46.6	57.3	21 700 *	46.0
48.0							17.9	42.8	14 100 *	26.5	48.2	15 400 *	33.0	51.6	16 800 *	38.2	53.8	18 300 *	42.7	55.3	20 000 *	48.0
50.0										19.5	43.4	14 300 *	27.5	48.1	15 600 *	33.6	51.0	17 000 *	38.6	52.9	18 400 *	50.0
52.0													20.8	43.5	14 500 *	28.3	47.6	15 700 *	34.0	50.1	17 100 *	52.0
54.0																21.8	43.2	14 600 *	28.7	46.8	15 800 *	54.0
56.0																12.4	36.5	13 600 *	22.4	42.5	14 700 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

27.4m (90 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.4	74.7	46 800 *																			15.2
16.0	74.5	74.5	46 000 *																			16.0
18.0	71.8	73.8	43 900 *																			18.0
20.0	69.2	73.1	41 900 *																			20.0
22.0	66.4	72.3	39 000 *	69.8	73.1	42 800 *																22.0
24.0	63.7	71.3	34 200 *	67.1	72.2	39 800 *																24.0
26.0	60.8	70.3	30 600 *	64.3	71.3	35 100 *	66.3	71.8	38 500 *													26.0
28.0	57.9	69.0	27 500 *	61.5	70.3	31 300 *	63.5	70.8	34 000 *													28.0
30.0	54.9	67.7	25 000 *	58.6	69.1	28 200 *	60.7	69.7	30 400 *													30.0
32.0	51.7	66.2	22 800 *	55.5	67.8	25 500 *	57.7	68.5	27 400 *	61.2	69.4	31 100 *										32.0
34.0	48.4	64.5	20 900 *	52.4	66.3	23 300 *	54.7	67.1	24 900 *	58.3	68.2	28 000 *										34.0
36.0	45.0	62.6	19 200 *	49.2	64.6	21 300 *	51.6	65.6	22 700 *	55.3	66.9	25 400 *										36.0
38.0	41.3	60.4	17 800 *	45.7	62.8	19 600 *	48.3	63.9	20 800 *	52.2	65.4	23 100 *	55.8	66.3	25 800 *							38.0
40.0	37.3	57.9	16 400 *	42.1	60.7	18 100 *	44.8	62.0	19 200 *	48.9	63.7	21 200 *	52.7	64.9	23 500 *							40.0
42.0	32.8	55.0	15 200 *	38.2	58.2	16 700 *	41.1	59.8	17 700 *	45.5	61.8	19 500 *	49.5	63.2	21 500 *							42.0
44.0	27.8	51.5	14 200 *	33.9	55.4	15 500 *	37.0	57.3	16 400 *	41.8	59.7	18 000 *	46.0	61.4	19 700 *	49.9	62.5	21 700 *				44.0
46.0	21.7	47.1	13 100 *	29.0	52.1	14 400 *	32.6	54.3	15 200 *	37.8	57.2	16 600 *	42.4	59.3	18 200 *	46.5	60.6	19 900 *				46.0
48.0	13.0	40.5	11 500 *	23.2	47.9	13 400 *	27.5	50.8	14 100 *	33.5	54.4	15 400 *	38.5	56.9	16 900 *	42.9	58.6	18 400 *				48.0
50.0				15.4	42.0	12 400 *	21.3	46.3	13 100 *	28.5	51.0	14 300 *	34.2	54.1	15 600 *	39.0	56.2	17 000 *	43.2	57.6	18 500 *	50.0
52.0										22.6	46.7	13 300 *	29.4	50.8	14 500 *	34.8	53.5	15 800 *	39.3	55.3	17 100 *	52.0
54.0										14.6	40.6	12 300 *	23.7	46.7	13 500 *	30.1	50.3	14 600 *	35.2	52.6	15 800 *	54.0
56.0													16.2	41.1	12 500 *	24.5	46.4	13 600 *	30.5	49.4	14 700 *	56.0
58.0																17.3	41.0	12 600 *	25.0	45.5	13 600 *	58.0
60.0																			18.0	40.3	12 600 *	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.5	77.4	42 400 *																			16.8
18.0	73.0	77.0	41 300 *																			18.0
20.0	70.5	76.4	39 400 *																			20.0
22.0	68.0	75.6	37 500 *																			22.0
24.0	65.4	74.7	34 100 *	68.6	75.5	38 500 *																24.0
26.0	62.8	73.7	30 300 *	66.0	74.7	34 900 *	67.9	75.1	37 800 *													26.0
28.0	60.1	72.6	27 300 *	63.4	73.7	31 100 *	65.3	74.2	33 900 *													28.0
30.0	57.4	71.4	24 700 *	60.7	72.6	27 900 *	62.7	73.2	30 200 *													30.0
32.0	54.5	70.0	22 500 *	58.0	71.4	25 300 *	60.0	72.1	27 200 *													32.0
34.0	51.6	68.5	20 600 *	55.2	70.1	23 000 *	57.2	70.8	24 600 *	60.5	71.8	27 800 *										34.0
36.0	48.5	66.8	19 000 *	52.2	68.6	21 100 *	54.4	69.5	22 500 *	57.8	70.5	25 100 *										36.0
38.0	45.2	64.9	17 500 *	49.2	66.9	19 300 *	51.4	67.9	20 600 *	54.9	69.2	22 900 *										38.0
40.0	41.8	62.7	16 200 *	46.0	65.1	17 800 *	48.3	66.2	18 900 *	52.0	67.7	20 900 *	55.4	68.6	23 200 *							40.0
42.0	38.1	60.3	15 000 *	42.6	63.0	16 500 *	45.0	64.3	17 400 *	48.9	66.0	19 300 *	52.5	67.2	21 200 *							42.0
44.0	34.0	57.5	14 000 *	38.9	60.6	15 300 *	41.6	62.1	16 200 *	45.7	64.1	17 700 *	49.4	65.5	19 500 *							44.0
46.0	29.5	54.2	13 000 *	35.0	57.9	14 200 *	37.9	59.7	15 000 *	42.3	62.0	16 400 *	46.2	63.7	18 000 *	49.8	64.8	19 700 *				46.0
48.0	24.2	50.2	12 100 *	30.6	54.8	13 200 *	33.8	56.9	13 900 *	38.6	59.6	15 200 *	42.9	61.6	16 600 *	46.6	62.9	18 200 *				48.0
50.0	17.5	44.8	11 100 *	25.5	50.9	12 300 *	29.3	53.6	12 900 *	34.6	56.9	14 100 *	39.2	59.3	15 400 *	43.3	60.9	16 800 *				50.0
52.0				19.2	46.0	11 400 *	23.9	49.5	12 000 *	30.2	53.7	13 100 *	35.3	56.6	14 300 *	39.7	58.6	15 500 *	43.6	59.9	16 900 *	52.0
54.0							17.1	44.0	11 100 *	25.0	49.8	12 200 *	31.0	53.5	13 300 *	35.8	56.0	14 400 *	40.0	57.6	15 700 *	54.0
56.0										18.6	44.7	11 300 *	26.0	49.7	12 300 *	31.5	52.9	13 400 *	36.2	55.0	14 500 *	56.0
58.0													19.8	44.9	11 500 *	26.6	49.3	12 400 *	31.9	52.0	13 500 *	58.0
60.0																20.7	44.6	11 500 *	27.1	48.4	12 500 *	60.0
62.0																12.1	37.6	10 700 *	21.2	43.9	11 600 *	62.0
64.0																			13.0	37.2	10 800 *	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

27.4m (90 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.5	80.6	39 300 *																			16.8
18.0	74.0	80.2	38 300 *																			18.0
20.0	71.7	79.6	36 700 *																			20.0
22.0	69.4	78.9	35 100 *																			22.0
24.0	67.0	78.1	33 500 *																			24.0
26.0	64.5	77.1	30 500 *	67.5	78.0	34 100 *																26.0
28.0	62.1	76.1	27 400 *	65.1	77.1	31 400 *	66.8	77.5	33 300 *													28.0
30.0	59.5	75.0	24 800 *	62.6	76.1	28 100 *	64.4	76.6	30 500 *													30.0
32.0	56.9	73.7	22 600 *	60.1	75.0	25 400 *	61.9	75.6	27 300 *													32.0
34.0	54.2	72.3	20 700 *	57.5	73.8	23 100 *	59.4	74.4	24 700 *	62.4	75.2	27 900 *										34.0
36.0	51.4	70.8	18 900 *	54.8	72.4	21 100 *	56.8	73.2	22 500 *	59.9	74.1	25 200 *										36.0
38.0	48.5	69.1	17 500 *	52.0	70.9	19 300 *	54.1	71.8	20 600 *	57.3	72.9	22 900 *										38.0
40.0	45.4	67.2	16 100 *	49.2	69.2	17 800 *	51.3	70.2	18 900 *	54.6	71.5	21 000 *										40.0
42.0	42.2	65.1	15 000 *	46.1	67.4	16 400 *	48.3	68.5	17 400 *	51.8	70.0	19 200 *	55.0	71.0	21 300 *							42.0
44.0	38.8	62.7	13 900 *	43.0	65.3	15 200 *	45.3	66.6	16 100 *	48.9	68.3	17 700 *	52.3	69.5	19 500 *							44.0
46.0	35.1	60.0	12 900 *	39.6	63.0	14 100 *	42.1	64.5	14 900 *	45.9	66.4	16 400 *	49.4	67.8	18 000 *	52.6	68.7	19 700 *				46.0
48.0	31.0	56.9	12 000 *	35.9	60.4	13 100 *	38.6	62.1	13 800 *	42.7	64.3	15 200 *	46.4	66.0	16 600 *	49.8	67.1	18 200 *				48.0
50.0	26.3	53.1	11 200 *	31.9	57.4	12 200 *	34.9	59.4	12 900 *	39.3	62.0	14 100 *	43.2	63.9	15 400 *	46.8	65.2	16 700 *				50.0
52.0	20.6	48.4	10 400 *	27.4	53.8	11 400 *	30.7	56.2	12 000 *	35.6	59.4	13 100 *	39.9	61.6	14 200 *	43.6	63.2	15 500 *	47.0	64.2	16 900 *	52.0
54.0	12.7	41.5	9 100 *	22.0	49.3	10 600 *	26.0	52.4	11 100 *	31.6	56.3	12 100 *	36.2	59.0	13 200 *	40.3	61.0	14 400 *	43.9	62.2	15 600 *	54.0
56.0				14.8	43.2	9 900 *	20.3	47.7	10 400 *	27.0	52.7	11 300 *	32.3	56.1	12 300 *	36.7	58.4	13 300 *	40.6	60.0	14 400 *	56.0
58.0										21.5	48.1	10 500 *	27.8	52.5	11 400 *	32.8	55.5	12 400 *	37.0	57.5	13 400 *	58.0
60.0										14.1	41.7	9 800 *	22.5	48.2	10 600 *	28.4	52.0	11 500 *	33.1	54.6	12 400 *	60.0
62.0													15.6	42.3	9 900 *	23.2	47.8	10 800 *	28.8	51.2	11 600 *	62.0
64.0																16.6	42.2	10 000 *	23.7	47.0	10 800 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.6	83.3	35 800 *																			18.3
20.0	72.8	82.8	34 500 *																			20.0
22.0	70.6	82.1	33 000 *																			22.0
24.0	68.3	81.4	31 300 *																			24.0
26.0	66.0	80.5	29 500 *	68.8	81.3	31 800 *																26.0
28.0	63.7	79.6	27 300 *	66.6	80.5	30 100 *																28.0
30.0	61.4	78.5	24 600 *	64.3	79.5	27 900 *	65.9	80.0	29 600 *													30.0
32.0	59.0	77.3	22 300 *	61.9	78.5	25 100 *	63.6	79.0	27 100 *													32.0
34.0	56.5	76.0	20 400 *	59.5	77.4	22 800 *	61.2	78.0	24 500 *													34.0
36.0	53.9	74.6	18 700 *	57.0	76.1	20 800 *	58.8	76.8	22 300 *	61.7	77.6	25 000 *										36.0
38.0	51.3	73.1	17 200 *	54.5	74.7	19 100 *	56.3	75.5	20 400 *	59.3	76.5	22 700 *										38.0
40.0	48.5	71.4	15 900 *	51.9	73.2	17 500 *	53.8	74.1	18 700 *	56.8	75.2	20 700 *										40.0
42.0	45.7	69.5	14 700 *	49.1	71.5	16 200 *	51.1	72.5	17 200 *	54.3	73.8	19 000 *										42.0
44.0	42.6	67.4	13 700 *	46.3	69.7	15 000 *	48.4	70.8	15 900 *	51.7	72.3	17 500 *	54.7	73.3	19 300 *							44.0
46.0	39.4	65.1	12 700 *	43.3	67.6	13 900 *	45.5	68.9	14 700 *	48.9	70.6	16 100 *	52.1	71.8	17 700 *							46.0
48.0	36.0	62.4	11 800 *	40.2	65.4	12 900 *	42.5	66.8	13 600 *	46.1	68.7	14 900 *	49.4	70.1	16 300 *							48.0
50.0	32.2	59.4	11 000 *	36.8	62.8	12 000 *	39.2	64.5	12 700 *	43.1	66.7	13 800 *	46.5	68.3	15 100 *	49.7	69.4	16 500 *				50.0
52.0	28.0	55.9	10 200 *	33.1	59.9	11 200 *	35.8	61.8	11 800 *	39.9	64.4	12 800 *	43.6	66.3	14 000 *	46.9	67.5	15 300 *				52.0
54.0	23.1	51.7	9 500 *	29.0	56.5	10 400 *	32.0	58.8	10 900 *	36.5	61.8	11 900 *	40.4	64.0	13 000 *	44.0	65.6	14 200 *				54.0
56.0	16.8	46.0	8 800 *	24.2	52.5	9 700 *	27.8	55.3	10 200 *	32.8	58.9	11 100 *	37.1	61.5	12 100 *	40.8	63.3	13 100 *	44.2	64.6	14 200 *	56.0
58.0				18.4	47.2	9 000 *	22.8	50.9	9 500 *	28.6	55.4	10 300 *	33.4	58.6	11 300 *	37.5	60.8	12 200 *	41.1	62.4	13 200 *	58.0
60.0							16.4	45.2	8 800 *	23.8	51.3	9 600 *	29.3	55.3	10 400 *	33.9	58.0	11 300 *	37.8	59.9	12 300 *	60.0
62.0										17.8	45.9	9 000 *	24.7	51.3	9 700 *	29.9	54.7	10 500 *	34.2	57.1	11 400 *	62.0
64.0										8.3	37.0	8 300 *	18.9	46.2	9 100 *	25.3	50.8	9 800 *	30.2	53.9	10 600 *	64.0
68.0																11.9	38.7	8 500 *	20.3	45.2	9 200 *	68.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

27.4m (90 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.5	86.5	33 600 *																			18.3
20.0	73.7	86.0	32 500 *																			20.0
22.0	71.6	85.4	30 900 *																			22.0
24.0	69.5	84.6	29 300 *																			24.0
26.0	67.4	83.8	27 600 *	70.0	84.6	29 700 *																26.0
28.0	65.2	82.9	26 000 *	67.9	83.8	28 200 *																28.0
30.0	63.0	82.0	24 300 *	65.7	82.9	26 600 *																30.0
32.0	60.8	80.9	22 100 *	63.5	82.0	24 900 *	65.1	82.4	26 100 *													32.0
34.0	58.5	79.7	20 200 *	61.3	80.9	22 600 *	62.9	81.4	24 400 *													34.0
36.0	56.1	78.4	18 500 *	59.0	79.7	20 600 *	60.6	80.3	22 000 *													36.0
38.0	53.7	76.9	17 000 *	56.6	78.4	18 900 *	58.3	79.1	20 100 *	61.1	80.0	22 500 *										38.0
40.0	51.2	75.4	15 700 *	54.2	77.0	17 300 *	56.0	77.8	18 400 *	58.8	78.8	20 500 *										40.0
42.0	48.5	73.7	14 500 *	51.7	75.5	16 000 *	53.5	76.4	16 900 *	56.4	77.5	18 800 *										42.0
44.0	45.8	71.8	13 400 *	49.1	73.8	14 800 *	51.0	74.8	15 600 *	54.0	76.1	17 200 *										44.0
46.0	43.0	69.7	12 500 *	46.4	72.0	13 600 *	48.4	73.1	14 400 *	51.5	74.6	15 900 *	54.4	75.6	17 500 *							46.0
48.0	40.0	67.4	11 600 *	43.6	70.0	12 700 *	45.7	71.2	13 400 *	48.9	72.9	14 700 *	51.9	74.1	16 100 *							48.0
50.0	36.8	64.9	10 800 *	40.7	67.7	11 800 *	42.8	69.1	12 400 *	46.2	71.0	13 600 *	49.4	72.4	14 900 *							50.0
52.0	33.3	62.0	10 000 *	37.5	65.2	10 900 *	39.8	66.8	11 600 *	43.4	69.0	12 600 *	46.7	70.6	13 800 *	49.7	71.7	15 000 *				52.0
54.0	29.4	58.6	9 300 *	34.1	62.4	10 200 *	36.6	64.3	10 800 *	40.4	66.7	11 700 *	43.9	68.6	12 800 *	47.0	69.9	13 900 *				54.0
56.0	25.1	54.7	8 700 *	30.3	59.2	9 500 *	33.1	61.3	10 000 *	37.2	64.2	10 900 *	40.9	66.4	11 900 *	44.2	67.9	12 900 *				56.0
58.0	19.8	49.7	8 100 *	26.1	55.4	8 900 *	29.2	58.0	9 300 *	33.8	61.4	10 100 *	37.8	63.9	11 000 *	41.3	65.7	12 000 *	44.5	66.9	13 000 *	58.0
60.0	12.5	42.6	7 000 *	21.1	50.7	8 200 *	24.8	54.0	8 700 *	30.0	58.1	9 400 *	34.4	61.1	10 300 *	38.2	63.2	11 100 *	41.5	64.7	12 000 *	60.0
62.0				14.4	44.3	7 600 *	19.5	49.0	8 000 *	25.7	54.3	8 800 *	30.7	57.9	9 600 *	34.8	60.5	10 300 *	38.4	62.3	11 200 *	62.0
64.0							12.0	41.7	7 400 *	20.6	49.5	8 200 *	26.5	54.2	8 900 *	31.1	57.4	9 600 *	35.1	59.6	10 400 *	64.0
68.0													15.1	43.4	7 700 *	22.2	49.3	8 300 *	27.4	52.9	9 000 *	68.0
72.0																			16.6	42.8	7 800 *	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	74.7	89.2	30 000 *																			19.8
20.0	74.5	89.2	29 900 *																			20.0
22.0	72.6	88.6	28 800 *																			22.0
24.0	70.6	87.9	27 200 *																			24.0
26.0	68.6	87.1	25 600 *																			26.0
28.0	66.5	86.3	24 000 *	69.0	87.1	26 100 *																28.0
30.0	64.5	85.4	22 500 *	67.0	86.3	24 500 *																30.0
32.0	62.4	84.3	21 000 *	64.9	85.3	23 000 *	66.4	85.8	24 000 *													32.0
34.0	60.2	83.2	19 700 *	62.8	84.4	21 600 *	64.4	84.8	22 600 *													34.0
36.0	58.0	82.0	18 200 *	60.7	83.3	20 100 *	62.2	83.8	21 200 *													36.0
38.0	55.8	80.7	16 800 *	58.5	82.1	18 600 *	60.1	82.7	19 800 *													38.0
40.0	53.4	79.3	15 400 *	56.3	80.8	17 100 *	57.9	81.5	18 200 *	60.5	82.4	20 000 *										40.0
42.0	51.0	77.7	14 200 *	54.0	79.4	15 700 *	55.6	80.2	16 700 *	58.3	81.2	18 600 *										42.0
44.0	48.6	76.0	13 200 *	51.6	77.8	14 500 *	53.3	78.7	15 400 *	56.1	79.9	17 000 *										44.0
46.0	46.0	74.1	12 200 *	49.1	76.1	13 400 *	50.9	77.1	14 200 *	53.8	78.4	15 600 *	56.4	79.3	17 300 *							46.0
48.0	43.3	72.1	11 300 *	46.6	74.3	12 400 *	48.4	75.4	13 100 *	51.4	76.9	14 400 *	54.2	77.9	15 900 *							48.0
50.0	40.5	69.8	10 500 *	43.9	72.3	11 500 *	45.9	73.5	12 200 *	48.9	75.2	13 300 *	51.8	76.4	14 600 *							50.0
52.0	37.5	67.3	9 800 *	41.1	70.1	10 700 *	43.2	71.5	11 300 *	46.4	73.3	12 400 *	49.3	74.7	13 500 *	52.1	75.6	14 800 *				52.0
54.0	34.2	64.5	9 100 *	38.1	67.6	10 000 *	40.3	69.2	10 500 *	43.7	71.3	11 500 *	46.8	72.9	12 500 *	49.7	74.0	13 700 *				54.0
56.0	30.7	61.3	8 500 *	35.0	64.9	9 300 *	37.3	66.7	9 800 *	40.9	69.1	10 700 *	44.1	70.9	11 600 *	47.1	72.2	12 700 *				56.0
58.0	26.7	57.6	7 900 *	31.5	61.8	8 600 *	34.0	63.9	9 100 *	37.9	66.6	9 900 *	41.4	68.7	10 800 *	44.5	70.2	11 800 *	47.3	71.1	12 700 *	58.0
60.0	22.1	53.1	7 300 *	27.6	58.2	8 000 *	30.5	60.6	8 400 *	34.7	63.9	9 200 *	38.4	66.3	10 000 *	41.7	68.0	10 900 *	44.7	69.2	11 800 *	60.0
62.0	16.3	47.2	6 700 *	23.2	53.9	7 500 *	26.5	56.9	7 900 *	31.2	60.7	8 600 *	35.2	63.6	9 300 *	38.8	65.6	10 100 *	41.9	67.0	11 000 *	62.0
64.0	6.3	36.9	5 200 *	17.7	48.5	6 900 *	21.8	52.4	7 300 *	27.3	57.1	8 000 *	31.8	60.5	8 700 *	35.6	63.0	9 400 *	39.0	64.7	10 200 *	64.0
68.0										17.2	47.1	6 900 *	23.6	52.8	7 500 *	28.5	56.5	8 200 *	32.5	59.0	8 800 *	68.0
72.0																19.0	47.2	7 000 *	24.6	51.6	7 600 *	72.0
76.0																			12.5	39.4	6 500 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

30.5m (100 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	68.7	53.3	79 700 *b																			11.6
12.0	67.5	53.1	77 600 *b																			12.0
14.0	61.5	52.1	68 400 *b																			14.0
16.0	55.1	50.8	58 100 *b	63.7	52.3	71 200 *b																16.0
18.0	48.2	49.2	49 000 *	57.4	51.1	61 700 *b	62.5	51.8	72 000 *b													18.0
20.0	40.3	47.1	42 400 *	50.7	49.6	51 900 *	56.2	50.6	59 700 *b													20.0
22.0	30.8	44.2	37 300 *	43.2	47.6	44 600 *	49.3	49.0	50 400 *	58.3	50.4	61 900 b										22.0
24.0				34.4	45.1	39 000 *	41.6	46.9	43 600 *	51.6	48.9	53 400 *										24.0
26.0				22.8	41.2	34 600 *	32.5	44.2	38 200 *	44.2	47.0	45 600 *	53.6	48.5	49 000							26.0
28.0							19.8	39.9	33 900 *	35.7	44.6	39 800 *	46.5	46.8	44 700							28.0
30.0										24.6	41.0	35 200 *	38.3	44.5	40 900	48.3	46.2	39 900				30.0
32.0													28.3	41.3	36 500 *	40.5	44.1	36 800				32.0
34.0																31.1	41.2	34 100	42.1	43.3	33 200	34.0
36.0																17.4	36.5	31 800	33.1	40.6	30 900	36.0
38.0																			20.8	36.4	28 900	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

30.5m (100 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	71.5	56.6	77 800 *b																			11.6
12.0	70.5	56.4	75 800 *b																			12.0
14.0	65.4	55.6	67 100 *b																			14.0
16.0	60.0	54.5	58 600 *b	67.2	55.6	69 800 *b																16.0
18.0	54.4	53.2	49 300 *	61.9	54.7	61 600 *b																18.0
20.0	48.3	51.5	42 700 *	56.4	53.4	52 200 *	60.9	54.2	60 100 *b													20.0
22.0	41.5	49.4	37 500 *	50.5	51.9	44 800 *	55.3	52.9	50 700 *													22.0
24.0	33.6	46.7	33 300 *	44.0	50.0	39 200 *	49.3	51.3	43 700 *	57.1	52.7	53 600										24.0
26.0	23.5	42.9	29 900 *	36.6	47.5	34 700 *	42.6	49.3	38 400 *	51.3	51.2	45 800 *										26.0
28.0				27.5	44.2	31 000 *	35.0	46.7	34 100 *	44.9	49.4	40 000 *	53.0	50.8	44 500							28.0
30.0				13.3	38.6	28 000 *	25.3	43.1	30 500 *	37.6	47.0	35 300 *	46.8	49.1	40 800							30.0
32.0							7.9	36.0	27 500 *	28.8	43.8	31 600 *	39.8	46.9	36 600	48.4	48.5	36 600				32.0
34.0													31.6	44.0	32 600 *	41.7	46.4	33 900				34.0
36.0													20.5	39.8	29 400 *	33.8	43.8	31 600	43.1	45.6	30 700	36.0
38.0																23.7	40.0	29 500	35.5	43.1	28 700	38.0
40.0																			26.0	39.6	26 800	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

30.5m (100 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	73.6	59.8	75 800 *b																			11.6
12.0	72.7	59.6	73 900 *b																			12.0
14.0	68.3	58.9	65 700 *b																			14.0
16.0	63.7	58.0	58 300 *b																			16.0
18.0	58.9	56.8	49 600 *	65.3	58.1	61 200 *																18.0
20.0	53.8	55.5	42 800 *	60.6	57.0	52 400 *	64.4	57.6	60 400 *													20.0
22.0	48.3	53.8	37 600 *	55.6	55.7	45 000 *	59.6	56.5	50 900 *													22.0
24.0	42.4	51.8	33 400 *	50.3	54.2	39 300 *	54.6	55.2	43 900 *													24.0
26.0	35.6	49.2	30 000 *	44.6	52.3	34 800 *	49.2	53.6	38 500 *	56.3	55.0	46 000 *										26.0
28.0	27.5	45.9	27 100 *	38.1	50.0	31 100 *	43.4	51.6	34 100 *	51.0	53.5	40 100 *										28.0
30.0	15.6	40.6	24 700 *	30.6	46.9	28 100 *	36.8	49.2	30 600 *	45.3	51.7	35 400 *	52.6	53.1	40 600							30.0
32.0				20.6	42.6	25 500 *	28.9	46.0	27 600 *	39.0	49.4	31 700 *	47.1	51.4	36 700							32.0
34.0							18.0	41.2	25 100 *	31.6	46.5	28 600 *	40.9	49.3	32 700 *	48.5	50.8	33 800				34.0
36.0										22.1	42.4	25 900 *	33.9	46.6	29 400 *	42.5	48.8	31 400				36.0
38.0													25.3	42.9	26 700 *	35.8	46.2	29 300	43.8	47.9	28 500	38.0
40.0																27.7	42.9	27 400 *	37.2	45.5	26 700	40.0
42.0																16.0	37.7	24 800 *	29.4	42.4	25 100	42.0
44.0																			18.9	37.7	23 600	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	75.3	63.0	70 700 *b																			11.6
12.0	74.5	62.8	69 700 *b																			12.0
14.0	70.5	62.2	64 300 *b																			14.0
16.0	66.5	61.4	57 500 *																			16.0
18.0	62.3	60.4	49 700 *	67.9	61.4	60 000 *																18.0
20.0	57.9	59.2	42 800 *	63.8	60.5	52 500 *	67.1	61.0	60 500 *													20.0
22.0	53.3	57.8	37 600 *	59.5	59.4	45 000 *	63.0	60.0	50 900 *													22.0
24.0	48.4	56.1	33 400 *	55.0	58.1	39 300 *	58.6	58.9	43 900 *													24.0
26.0	43.1	54.1	29 900 *	50.2	56.5	34 800 *	54.1	57.5	38 400 *	60.0	58.7	46 000 *										26.0
28.0	37.2	51.7	27 000 *	45.0	54.6	31 100 *	49.2	55.9	34 000 *	55.6	57.4	40 000 *										28.0
30.0	30.3	48.6	24 600 *	39.4	52.3	28 000 *	44.0	53.9	30 500 *	50.8	55.8	35 400 *										30.0
32.0	21.4	44.3	22 500 *	32.9	49.5	25 400 *	38.2	51.6	27 500 *	45.7	54.0	31 600 *	52.2	55.4	36 700							32.0
34.0				24.9	45.8	23 200 *	31.5	48.6	25 000 *	40.1	51.8	28 500 *	47.3	53.7	32 600 *							34.0
36.0				12.7	39.7	21 300 *	23.0	44.6	22 900 *	33.8	49.0	25 800 *	41.8	51.6	29 300 *	48.5	53.1	31 200				36.0
38.0							8.5	37.2	21 000 *	26.0	45.5	23 500 *	35.7	49.1	26 600 *	43.2	51.1	29 100				38.0
40.0													28.5	45.8	24 200 *	37.3	48.7	27 200	44.3	50.2	26 400	40.0
42.0													18.8	41.0	22 200 *	30.4	45.6	24 800 *	38.5	47.9	24 800	42.0
44.0																21.6	41.4	22 600 *	31.9	45.0	23 400	44.0
46.0																			23.6	41.1	22 100	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

30.5m (100 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.6	65.9	65 400 *b																			12.2
14.0	72.4	65.4	61 900 *b																			14.0
16.0	68.7	64.7	56 500 *																			16.0
18.0	65.0	63.8	50 700 *																			18.0
20.0	61.1	62.7	44 000 *	66.3	63.9	53 100 *																20.0
22.0	57.1	61.5	38 600 *	62.5	62.9	46 400 *	65.6	63.4	52 600 *													22.0
24.0	52.9	60.1	34 200 *	58.6	61.7	40 400 *	61.8	62.4	45 100 *													24.0
26.0	48.5	58.4	30 700 *	54.4	60.4	35 700 *	57.8	61.2	39 500 *													26.0
28.0	43.7	56.4	27 700 *	50.1	58.8	31 900 *	53.6	59.8	35 000 *	59.1	61.0	41 300 *										28.0
30.0	38.4	54.1	25 200 *	45.4	56.9	28 700 *	49.2	58.2	31 300 *	55.0	59.7	36 300 *										30.0
32.0	32.4	51.2	23 000 *	40.3	54.7	26 100 *	44.5	56.3	28 200 *	50.7	58.1	32 400 *	56.2	59.2	37 000							32.0
34.0	25.1	47.4	21 200 *	34.6	52.0	23 800 *	39.3	54.0	25 600 *	46.0	56.3	29 200 *	51.9	57.7	33 500 *							34.0
36.0	14.7	41.7	19 000 *	27.9	48.7	21 800 *	33.4	51.2	23 400 *	41.0	54.1	26 500 *	47.4	56.0	30 100 *							36.0
38.0				19.1	43.9	20 100 *	26.4	47.6	21 500 *	35.4	51.5	24 100 *	42.5	54.0	27 200 *	48.6	55.4	28 900				38.0
40.0							16.8	42.4	19 800 *	28.8	48.3	22 100 *	37.1	51.5	24 800 *	43.8	53.4	27 100				40.0
42.0										20.4	43.8	20 400 *	30.9	48.5	22 700 *	38.5	51.1	25 300	44.8	52.6	24 600	42.0
44.0													23.2	44.4	20 900 *	32.5	48.2	23 200 *	39.6	50.3	23 200	44.0
46.0																25.3	44.5	21 300 *	33.8	47.5	21 900	46.0
48.0																15.1	38.8	19 700 *	26.9	44.0	20 700	48.0
50.0																			17.6	39.0	19 600	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

30.5m (100 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.4	68.7	58 300 *b																			13.7
14.0	73.9	68.6	57 900 *b																			14.0
16.0	70.6	67.9	54 600 *																			16.0
18.0	67.2	67.1	50 300 *																			18.0
20.0	63.8	66.2	43 900 *	68.4	67.2	52 000 *																20.0
22.0	60.2	65.1	38 400 *	65.0	66.3	46 400 *																22.0
24.0	56.5	63.8	34 100 *	61.5	65.3	40 200 *	64.3	65.9	45 100 *													24.0
26.0	52.6	62.4	30 500 *	57.8	64.1	35 500 *	60.8	64.8	39 300 *													26.0
28.0	48.5	60.7	27 600 *	54.0	62.7	31 700 *	57.1	63.6	34 800 *	61.9	64.5	41 100 *										28.0
30.0	44.1	58.8	25 000 *	50.0	61.1	28 500 *	53.2	62.1	31 100 *	58.3	63.3	36 200 *										30.0
32.0	39.4	56.5	22 900 *	45.7	59.2	25 900 *	49.2	60.5	28 000 *	54.5	62.0	32 300 *										32.0
34.0	34.1	53.7	21 000 *	41.1	57.1	23 600 *	44.9	58.6	25 500 *	50.5	60.4	29 000 *	55.6	61.6	33 400 *							34.0
36.0	27.8	50.3	19 300 *	36.0	54.5	21 600 *	40.2	56.3	23 300 *	46.3	58.6	26 300 *	51.7	60.0	29 900 *							36.0
38.0	19.9	45.7	17 900 *	30.2	51.4	19 900 *	34.9	53.7	21 300 *	41.7	56.5	24 000 *	47.5	58.3	27 000 *							38.0
40.0				23.0	47.3	18 400 *	28.9	50.4	19 700 *	36.7	54.0	22 000 *	43.1	56.3	24 600 *	48.6	57.7	26 800				40.0
42.0				12.3	40.7	16 700 *	21.4	46.0	18 200 *	31.0	50.9	20 200 *	38.2	53.9	22 500 *	44.2	55.7	25 100				42.0
44.0							8.8	38.3	16 600 *	24.1	47.0	18 600 *	32.7	51.0	20 700 *	39.5	53.5	23 000 *	45.1	54.9	22 900	44.0
46.0													26.3	47.4	19 100 *	34.2	50.7	21 100 *	40.5	52.7	21 600	46.0
48.0													17.6	42.3	17 700 *	28.0	47.3	19 500 *	35.3	50.0	20 500	48.0
50.0																20.1	42.7	18 000 *	29.3	46.8	19 400	50.0
52.0																			21.9	42.5	18 300 *	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

30.5m (100 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.6	71.9	54 100 *																			13.7
14.0	75.2	71.8	53 700 *																			14.0
16.0	72.1	71.2	51 000 *																			16.0
18.0	69.1	70.4	48 400 *																			18.0
20.0	65.9	69.6	44 300 *	70.2	70.5	49 800 *																20.0
22.0	62.7	68.6	38 700 *	67.0	69.7	46 300 *																22.0
24.0	59.4	67.5	34 300 *	63.8	68.7	40 600 *																24.0
26.0	55.9	66.2	30 600 *	60.6	67.6	35 800 *	63.2	68.3	39 600 *													26.0
28.0	52.3	64.7	27 600 *	57.2	66.4	31 800 *	59.9	67.1	35 000 *													28.0
30.0	48.5	63.0	25 100 *	53.6	65.0	28 700 *	56.5	65.9	31 300 *	61.0	66.9	36 400 *										30.0
32.0	44.5	61.1	22 900 *	49.9	63.4	25 900 *	52.9	64.4	28 200 *	57.6	65.7	32 400 *										32.0
34.0	40.2	58.8	21 000 *	46.0	61.5	23 700 *	49.2	62.8	25 500 *	54.1	64.3	29 100 *										34.0
36.0	35.4	56.2	19 400 *	41.8	59.4	21 700 *	45.2	60.9	23 300 *	50.4	62.7	26 400 *	55.1	63.9	30 000 *							36.0
38.0	30.0	53.0	17 900 *	37.2	56.9	19 900 *	40.9	58.7	21 400 *	46.5	60.9	24 000 *	51.5	62.3	27 100 *							38.0
40.0	23.4	48.9	16 600 *	32.0	54.0	18 400 *	36.2	56.1	19 600 *	42.3	58.8	21 900 *	47.7	60.6	24 600 *							40.0
42.0	14.1	42.8	15 100 *	25.9	50.3	17 000 *	30.9	53.1	18 200 *	37.8	56.4	20 200 *	43.6	58.6	22 500 *	48.6	60.0	25 000				42.0
44.0				17.9	45.2	15 800 *	24.5	49.2	16 900 *	32.7	53.5	18 700 *	39.1	56.3	20 700 *	44.6	58.1	23 100 *				44.0
46.0							16.0	43.6	15 600 *	26.8	49.9	17 300 *	34.2	53.6	19 100 *	40.3	55.8	21 200 *	45.4	57.2	21 600	46.0
48.0										19.2	45.1	16 100 *	28.6	50.2	17 700 *	35.5	53.2	19 500 *	41.2	55.0	20 400	48.0
50.0													21.6	45.8	16 400 *	30.1	50.0	18 000 *	36.5	52.5	19 300	50.0
52.0																23.6	46.0	16 700 *	31.2	49.4	18 300 *	52.0
54.0																14.4	40.0	15 500 *	25.0	45.6	17 000 *	54.0
56.0																			16.6	40.2	15 800 *	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.5	74.6	48 700 *																			15.2
16.0	73.5	74.4	47 800 *																			16.0
18.0	70.6	73.7	45 500 *																			18.0
20.0	67.7	72.9	43 200 *																			20.0
22.0	64.8	72.0	38 700 *	68.8	73.0	44 600 *																22.0
24.0	61.8	71.0	34 100 *	65.9	72.1	40 700 *																24.0
26.0	58.7	69.8	30 500 *	62.9	71.1	35 500 *	65.3	71.7	39 400 *													26.0
28.0	55.4	68.5	27 400 *	59.8	70.0	31 700 *	62.3	70.6	34 800 *													28.0
30.0	52.1	67.0	24 900 *	56.6	68.7	28 400 *	59.2	69.5	31 000 *													30.0
32.0	48.6	65.3	22 700 *	53.3	67.3	25 800 *	56.0	68.2	27 900 *	60.2	69.3	32 200 *										32.0
34.0	44.9	63.4	20 800 *	49.8	65.7	23 500 *	52.6	66.7	25 300 *	57.0	68.0	28 900 *										34.0
36.0	40.9	61.2	19 200 *	46.2	63.9	21 500 *	49.2	65.1	23 100 *	53.7	66.6	26 100 *										36.0
38.0	36.5	58.7	17 700 *	42.3	61.8	19 700 *	45.5	63.2	21 100 *	50.3	65.0	23 800 *	54.7	66.2	26 900 *							38.0
40.0	31.7	55.6	16 400 *	38.1	59.4	18 200 *	41.5	61.1	19 500 *	46.7	63.2	21 800 *	51.3	64.7	24 500 *							40.0
42.0	26.0	51.9	15 200 *	33.5	56.5	16 800 *	37.2	58.6	18 000 *	42.8	61.2	20 000 *	47.8	62.9	22 300 *							42.0
44.0	18.8	46.9	14 200 *	28.1	53.1	15 600 *	32.5	55.6	16 600 *	38.7	58.8	18 400 *	44.0	60.9	20 500 *	48.7	62.3	22 800 *				44.0
46.0				21.6	48.7	14 500 *	27.0	52.1	15 400 *	34.1	56.0	17 100 *	39.9	58.7	18 900 *	44.9	60.4	20 900 *				46.0
48.0				12.0	41.8	13 300 *	20.1	47.4	14 400 *	28.9	52.7	15 800 *	35.5	56.0	17 400 *	41.0	58.2	19 300 *	45.7	59.5	20 100	48.0
50.0							9.0	39.4	13 300 *	22.6	48.4	14 700 *	30.5	52.9	16 200 *	36.6	55.7	17 800 *	41.8	57.4	19 100	50.0
52.0													24.6	49.0	15 000 *	31.8	52.7	16 500 *	37.5	54.9	18 000 *	52.0
54.0													16.7	43.5	14 000 *	26.1	49.0	15 300 *	32.8	52.0	16 800 *	54.0
56.0																19.0	44.0	14 300 *	27.3	48.5	15 600 *	56.0
58.0																			20.6	43.9	14 500 *	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

30.5m (100 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.6	77.8	46 400 *																			15.2
16.0	74.6	77.5	45 700 *																			16.0
18.0	72.0	76.9	43 700 *																			18.0
20.0	69.3	76.2	41 800 *																			20.0
22.0	66.6	75.4	39 200 *																			22.0
24.0	63.8	74.4	34 400 *	67.6	75.4	40 300 *																24.0
26.0	61.0	73.4	30 700 *	64.8	74.5	35 900 *	67.0	75.0	39 800 *													26.0
28.0	58.1	72.2	27 700 *	62.0	73.5	32 000 *	64.3	74.1	35 100 *													28.0
30.0	55.0	70.8	25 100 *	59.1	72.4	28 700 *	61.4	73.0	31 300 *													30.0
32.0	51.9	69.3	22 900 *	56.1	71.1	26 000 *	58.5	71.8	28 200 *	62.4	72.8	32 500 *										32.0
34.0	48.6	67.6	21 000 *	53.0	69.6	23 600 *	55.5	70.5	25 500 *	59.5	71.6	29 200 *										34.0
36.0	45.1	65.7	19 300 *	49.8	68.0	21 600 *	52.4	69.0	23 300 *	56.5	70.3	26 300 *										36.0
38.0	41.5	63.5	17 800 *	46.4	66.2	19 900 *	49.1	67.4	21 300 *	53.4	68.9	24 000 *										38.0
40.0	37.5	61.1	16 500 *	42.8	64.1	18 300 *	45.7	65.5	19 600 *	50.2	67.3	21 900 *	54.3	68.5	24 600 *							40.0
42.0	33.1	58.2	15 300 *	38.9	61.7	16 900 *	42.1	63.4	18 100 *	46.8	65.5	20 100 *	51.2	67.0	22 500 *							42.0
44.0	28.1	54.7	14 300 *	34.7	59.0	15 700 *	38.1	61.0	16 700 *	43.3	63.5	18 600 *	47.8	65.2	20 600 *							44.0
46.0	22.0	50.4	13 300 *	29.9	55.8	14 600 *	33.8	58.2	15 500 *	39.4	61.2	17 100 *	44.3	63.3	19 000 *	48.7	64.6	21 100 *				46.0
48.0	13.6	44.0	11 800 *	24.3	51.8	13 600 *	28.9	54.8	14 400 *	35.3	58.5	15 900 *	40.6	61.0	17 600 *	45.2	62.7	19 400 *				48.0
50.0				17.1	46.4	12 700 *	23.1	50.6	13 400 *	30.6	55.4	14 800 *	36.5	58.5	16 300 *	41.5	60.5	17 900 *				50.0
52.0							15.3	44.7	12 400 *	25.1	51.5	13 700 *	32.0	55.5	15 100 *	37.6	58.1	16 600 *	42.3	59.7	17 700 *	52.0
54.0										18.2	46.3	12 800 *	26.8	51.9	14 100 *	33.2	55.2	15 400 *	38.4	57.3	16 700 *	54.0
56.0													20.4	47.2	13 100 *	28.2	51.8	14 300 *	34.1	54.5	15 600 *	56.0
58.0																22.2	47.4	13 300 *	29.2	51.2	14 500 *	58.0
60.0																13.9	41.1	12 300 *	23.5	47.1	13 500 *	60.0
62.0																			15.9	41.4	12 500 *	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.7	80.5	42 100 *																			16.8
18.0	73.1	80.1	41 000 *																			18.0
20.0	70.7	79.5	39 300 *																			20.0
22.0	68.1	78.7	37 500 *																			22.0
24.0	65.6	77.8	34 400 *	69.0	78.7	38 500 *																24.0
26.0	63.0	76.8	30 500 *	66.5	77.9	35 700 *																26.0
28.0	60.3	75.7	27 400 *	63.9	76.9	31 700 *	66.0	77.4	34 900 *													28.0
30.0	57.5	74.5	24 900 *	61.2	75.9	28 500 *	63.4	76.5	31 100 *													30.0
32.0	54.7	73.1	22 600 *	58.5	74.7	25 800 *	60.7	75.4	27 900 *													32.0
34.0	51.7	71.6	20 700 *	55.7	73.4	23 400 *	58.0	74.2	25 300 *	61.6	75.1	29 000 *										34.0
36.0	48.6	69.9	19 000 *	52.8	71.9	21 400 *	55.1	72.8	23 000 *	58.9	74.0	26 100 *										36.0
38.0	45.4	68.0	17 600 *	49.7	70.3	19 600 *	52.2	71.4	21 000 *	56.1	72.7	23 700 *										38.0
40.0	42.0	65.9	16 300 *	46.6	68.5	18 100 *	49.1	69.7	19 300 *	53.2	71.2	21 700 *	56.9	72.2	24 400 *							40.0
42.0	38.3	63.5	15 100 *	43.2	66.4	16 700 *	45.9	67.8	17 800 *	50.1	69.6	19 900 *	54.0	70.8	22 200 *							42.0
44.0	34.3	60.7	14 000 *	39.6	64.1	15 500 *	42.5	65.7	16 500 *	47.0	67.8	18 300 *	51.0	69.3	20 400 *							44.0
46.0	29.8	57.4	13 100 *	35.7	61.5	14 400 *	38.9	63.4	15 300 *	43.6	65.8	16 900 *	47.9	67.5	18 700 *	51.8	68.6	20 800 *				46.0
48.0	24.5	53.5	12 200 *	31.4	58.4	13 400 *	34.9	60.7	14 200 *	40.1	63.5	15 700 *	44.6	65.6	17 300 *	48.7	66.9	19 200 *				48.0
50.0	17.9	48.2	11 300 *	26.5	54.7	12 500 *	30.5	57.5	13 200 *	36.3	61.0	14 600 *	41.2	63.4	16 000 *	45.5	65.0	17 700 *				50.0
52.0				20.5	50.0	11 700 *	25.4	53.7	12 300 *	32.0	58.0	13 600 *	37.4	60.9	14 900 *	42.0	62.9	16 300 *	46.1	64.1	17 400 *	52.0
54.0				11.8	42.9	10 500 *	19.1	48.7	11 500 *	27.2	54.4	12 600 *	33.3	58.0	13 800 *	38.4	60.5	15 200 *	42.7	62.0	16 400 *	54.0
56.0							9.2	40.4	10 300 *	21.4	49.8	11 700 *	28.7	54.6	12 900 *	34.4	57.7	14 100 *	39.1	59.7	15 400 *	56.0
58.0													23.2	50.4	12 000 *	29.9	54.5	13 100 *	35.2	57.0	14 300 *	58.0
60.0													16.0	44.7	11 100 *	24.7	50.5	12 200 *	30.8	53.9	13 300 *	60.0
62.0																18.1	45.3	11 400 *	25.8	50.1	12 400 *	62.0
64.0																6.7	35.8	10 500 *	19.6	45.2	11 500 *	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

30.5m (100 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.6	83.7	39 000 *																			16.8
18.0	74.2	83.3	38 100 *																			18.0
20.0	71.8	82.7	36 500 *																			20.0
22.0	69.5	82.0	35 000 *																			22.0
24.0	67.1	81.2	33 400 *																			24.0
26.0	64.7	80.2	30 700 *	68.0	81.2	34 300 *																26.0
28.0	62.2	79.2	27 600 *	65.5	80.3	32 200 *																28.0
30.0	59.6	78.1	24 900 *	63.1	79.3	28 600 *	65.1	79.9	31 300 *													30.0
32.0	57.0	76.8	22 700 *	60.6	78.3	25 900 *	62.6	78.9	28 100 *													32.0
34.0	54.3	75.4	20 700 *	58.0	77.0	23 500 *	60.1	77.8	25 400 *													34.0
36.0	51.6	73.9	19 000 *	55.3	75.7	21 400 *	57.5	76.5	23 100 *	60.9	77.5	26 300 *										36.0
38.0	48.7	72.2	17 500 *	52.6	74.2	19 600 *	54.8	75.2	21 100 *	58.3	76.3	23 800 *										38.0
40.0	45.6	70.3	16 200 *	49.7	72.6	18 100 *	52.0	73.7	19 300 *	55.7	75.0	21 700 *										40.0
42.0	42.4	68.2	15 000 *	46.7	70.8	16 700 *	49.1	72.0	17 800 *	52.9	73.5	19 900 *	56.4	74.5	22 300 *							42.0
44.0	39.0	65.9	13 900 *	43.6	68.7	15 400 *	46.1	70.1	16 400 *	50.1	71.9	18 300 *	53.7	73.1	20 400 *							44.0
46.0	35.3	63.2	13 000 *	40.2	66.5	14 300 *	42.9	68.1	15 200 *	47.1	70.1	16 900 *	50.9	71.6	18 700 *							46.0
48.0	31.2	60.1	12 100 *	36.6	63.9	13 300 *	39.5	65.7	14 200 *	44.0	68.1	15 600 *	48.0	69.8	17 300 *	51.6	70.9	19 200 *				48.0
50.0	26.6	56.4	11 300 *	32.7	61.0	12 400 *	35.9	63.1	13 100 *	40.7	65.9	14 500 *	44.9	67.9	16 000 *	48.7	69.2	17 600 *				50.0
52.0	21.0	51.7	10 500 *	28.3	57.5	11 600 *	31.9	60.1	12 300 *	37.1	63.4	13 500 *	41.7	65.7	14 800 *	45.7	67.3	16 300 *				52.0
54.0	13.3	45.1	9 400 *	23.1	53.3	10 800 *	27.3	56.5	11 400 *	33.2	60.5	12 500 *	38.2	63.3	13 800 *	42.5	65.2	15 100 *	46.3	66.4	16 300 *	54.0
56.0				16.4	47.6	10 100 *	22.0	52.1	10 600 *	28.9	57.1	11 700 *	34.4	60.5	12 800 *	39.1	62.9	14 000 *	43.1	64.4	15 300 *	56.0
58.0							14.8	45.9	9 900 *	23.8	53.0	10 900 *	30.2	57.3	11 900 *	35.4	60.2	13 100 *	39.8	62.1	14 200 *	58.0
60.0										17.4	47.6	10 100 *	25.4	53.5	11 100 *	31.3	57.1	12 200 *	36.1	59.5	13 200 *	60.0
62.0													19.5	48.5	10 300 *	26.7	53.4	11 300 *	32.1	56.5	12 300 *	62.0
64.0													10.8	40.9	9 600 *	21.1	48.8	10 500 *	27.6	52.9	11 500 *	64.0
68.0																			15.3	42.5	9 900 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.7	86.4	35 500 *																			18.3
20.0	72.9	85.9	34 300 *																			20.0
22.0	70.7	85.2	32 900 *																			22.0
24.0	68.4	84.5	31 200 *																			24.0
26.0	66.2	83.6	29 500 *	69.2	84.5	32 000 *																26.0
28.0	63.9	82.7	27 500 *	67.0	83.7	30 300 *																28.0
30.0	61.5	81.6	24 700 *	64.7	82.7	28 300 *	66.5	83.2	30 900 *													30.0
32.0	59.1	80.4	22 500 *	62.3	81.7	25 600 *	64.2	82.3	27 900 *													32.0
34.0	56.6	79.2	20 500 *	59.9	80.6	23 200 *	61.9	81.3	25 100 *													34.0
36.0	54.1	77.8	18 800 *	57.5	79.4	21 200 *	59.5	80.1	22 800 *													36.0
38.0	51.4	76.2	17 300 *	55.0	78.0	19 400 *	57.0	78.9	20 800 *	60.3	79.9	23 600 *										38.0
40.0	48.7	74.5	16 000 *	52.4	76.5	17 800 *	54.5	77.5	19 100 *	57.8	78.7	21 400 *										40.0
42.0	45.8	72.6	14 800 *	49.7	74.9	16 400 *	51.8	76.0	17 600 *	55.3	77.3	19 600 *										42.0
44.0	42.8	70.6	13 700 *	46.8	73.1	15 200 *	49.1	74.3	16 200 *	52.7	75.8	18 100 *	56.0	76.9	20 200 *							44.0
46.0	39.6	68.2	12 700 *	43.9	71.1	14 100 *	46.3	72.4	15 000 *	50.0	74.2	16 600 *	53.5	75.4	18 500 *							46.0
48.0	36.2	65.6	11 900 *	40.8	68.8	13 100 *	43.3	70.4	13 900 *	47.2	72.4	15 400 *	50.8	73.9	17 000 *							48.0
50.0	32.4	62.7	11 000 *	37.4	66.3	12 200 *	40.1	68.1	12 900 *	44.3	70.5	14 300 *	48.0	72.1	15 700 *							50.0
52.0	28.2	59.2	10 300 *	33.8	63.5	11 400 *	36.7	65.6	12 000 *	41.2	68.3	13 200 *	45.1	70.2	14 600 *	48.7	71.5	16 100 *				52.0
54.0	23.4	55.0	9 600 *	29.8	60.2	10 600 *	33.0	62.6	11 200 *	37.9	65.8	12 300 *	42.1	68.1	13 500 *	45.9	69.6	14 900 *				54.0
56.0	17.2	49.4	8 900 *	25.2	56.3	9 900 *	28.9	59.3	10 400 *	34.3	63.0	11 400 *	38.8	65.7	12 600 *	42.9	67.5	13 800 *				56.0
58.0				19.6	51.4	9 200 *	24.2	55.2	9 700 *	30.3	59.8	10 700 *	35.3	63.0	11 700 *	39.7	65.2	12 800 *	43.5	66.7	14 000 *	58.0
60.0				11.6	44.0	8 400 *	18.3	49.9	9 100 *	25.8	56.0	9 900 *	31.5	59.9	10 900 *	36.2	62.6	11 900 *	40.3	64.4	13 000 *	60.0
62.0							9.3	41.5	8 200 *	20.4	51.2	9 300 *	27.2	56.3	10 200 *	32.5	59.7	11 100 *	36.9	61.9	12 100 *	62.0
64.0										12.9	44.3	8 600 *	22.1	51.9	9 500 *	28.3	56.2	10 300 *	33.3	59.0	11 300 *	64.0
68.0																17.4	46.5	9 000 *	24.5	51.6	9 800 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

30.5m (100 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.6	89.6	33 200 *																			18.3
20.0	73.8	89.1	32 300 *																			20.0
22.0	71.7	88.4	30 800 *																			22.0
24.0	69.6	87.7	29 200 *																			24.0
26.0	67.5	86.9	27 600 *	70.4	87.7	29 900 *																26.0
28.0	65.3	86.0	26 000 *	68.3	87.0	28 400 *																28.0
30.0	63.1	85.1	24 400 *	66.1	86.1	26 800 *																30.0
32.0	60.9	84.0	22 200 *	63.9	85.2	25 300 *	65.7	85.7	27 600 *													32.0
34.0	58.6	82.8	20 300 *	61.7	84.1	23 000 *	63.5	84.7	24 900 *													34.0
36.0	56.2	81.5	18 600 *	59.4	83.0	21 000 *	61.2	83.6	22 600 *													36.0
38.0	53.8	80.1	17 100 *	57.1	81.7	19 200 *	59.0	82.5	20 600 *													38.0
40.0	51.3	78.5	15 700 *	54.7	80.3	17 600 *	56.6	81.2	18 900 *	59.7	82.2	21 200 *										40.0
42.0	48.7	76.8	14 600 *	52.2	78.8	16 200 *	54.2	79.8	17 300 *	57.4	81.0	19 400 *										42.0
44.0	46.0	74.9	13 500 *	49.6	77.2	15 000 *	51.7	78.3	16 000 *	55.0	79.6	17 800 *										44.0
46.0	43.1	72.9	12 500 *	47.0	75.4	13 900 *	49.1	76.6	14 800 *	52.5	78.1	16 400 *	55.7	79.2	18 300 *							46.0
48.0	40.1	70.6	11 600 *	44.2	73.4	12 900 *	46.4	74.7	13 700 *	50.0	76.5	15 100 *	53.2	77.7	16 800 *							48.0
50.0	36.9	68.1	10 800 *	41.2	71.2	11 900 *	43.6	72.7	12 700 *	47.3	74.7	14 000 *	50.7	76.2	15 500 *							50.0
52.0	33.5	65.2	10 100 *	38.1	68.7	11 100 *	40.6	70.5	11 800 *	44.5	72.8	13 000 *	48.1	74.4	14 400 *	51.3	75.5	15 800 *				52.0
54.0	29.6	61.9	9 400 *	34.7	66.0	10 400 *	37.5	68.0	11 000 *	41.6	70.6	12 100 *	45.4	72.5	13 300 *	48.8	73.8	14 600 *				54.0
56.0	25.3	58.0	8 800 *	31.1	62.9	9 600 *	34.0	65.2	10 200 *	38.5	68.2	11 200 *	42.5	70.4	12 300 *	46.0	71.9	13 600 *				56.0
58.0	20.1	53.1	8 200 *	26.9	59.2	9 000 *	30.3	61.9	9 500 *	35.2	65.5	10 500 *	39.4	68.1	11 500 *	43.2	69.9	12 600 *	46.6	71.0	13 800 *	58.0
60.0	13.0	46.2	7 300 *	22.1	54.7	8 400 *	26.0	58.1	8 900 *	31.5	62.4	9 800 *	36.2	65.5	10 700 *	40.2	67.6	11 700 *	43.8	69.0	12 800 *	60.0
62.0				15.9	48.8	7 800 *	21.0	53.4	8 300 *	27.5	58.8	9 100 *	32.6	62.5	10 000 *	37.0	65.1	10 900 *	40.8	66.8	11 900 *	62.0
64.0				3.7	36.7	6 500 *	14.3	47.0	7 700 *	22.7	54.5	8 500 *	28.7	59.1	9 300 *	33.6	62.2	10 200 *	37.7	64.3	11 100 *	64.0
68.0													18.7	49.8	8 000 *	25.4	55.0	8 800 *	30.5	58.3	9 600 *	68.0
72.0																13.2	43.3	7 600 *	21.3	49.9	8 300 *	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	74.8	92.3	29 600 *																			19.8
20.0	74.6	92.3	29 600 *																			20.0
22.0	72.7	91.7	28 700 *																			22.0
24.0	70.7	91.0	27 100 *																			24.0
26.0	68.7	90.2	25 600 *																			26.0
28.0	66.6	89.4	24 100 *	69.4	90.2	26 200 *																28.0
30.0	64.6	88.5	22 600 *	67.4	89.4	24 800 *																30.0
32.0	62.5	87.4	21 100 *	65.3	88.5	23 300 *	67.0	89.0	25 500 *													32.0
34.0	60.3	86.3	19 700 *	63.2	87.6	21 800 *	64.9	88.1	23 900 *													34.0
36.0	58.1	85.1	18 300 *	61.1	86.5	20 400 *	62.8	87.1	22 300 *													36.0
38.0	55.9	83.8	16 800 *	58.9	85.3	18 900 *	60.7	86.0	20 400 *													38.0
40.0	53.6	82.4	15 500 *	56.7	84.0	17 400 *	58.5	84.8	18 600 *	61.4	85.8	20 400 *										40.0
42.0	51.2	80.8	14 300 *	54.4	82.7	15 900 *	56.2	83.5	17 100 *	59.2	84.6	19 100 *										42.0
44.0	48.7	79.1	13 200 *	52.0	81.1	14 700 *	53.9	82.1	15 700 *	57.0	83.3	17 600 *										44.0
46.0	46.1	77.3	12 200 *	49.6	79.5	13 600 *	51.6	80.6	14 500 *	54.7	82.0	16 100 *	57.6	82.9	18 000 *							46.0
48.0	43.5	75.2	11 400 *	47.1	77.7	12 600 *	49.1	78.9	13 400 *	52.3	80.5	14 900 *	55.4	81.5	16 600 *							48.0
50.0	40.6	73.0	10 600 *	44.4	75.7	11 700 *	46.6	77.0	12 400 *	49.9	78.8	13 800 *	53.0	80.1	15 200 *							50.0
52.0	37.6	70.5	9 800 *	41.6	73.5	10 900 *	43.9	75.0	11 500 *	47.4	77.0	12 700 *	50.6	78.5	14 100 *							52.0
54.0	34.4	67.7	9 200 *	38.7	71.1	10 100 *	41.1	72.8	10 700 *	44.8	75.1	11 800 *	48.1	76.7	13 000 *	51.2	77.8	14 400 *				54.0
56.0	30.9	64.5	8 500 *	35.6	68.5	9 400 *	38.1	70.4	10 000 *	42.0	72.9	11 000 *	45.5	74.8	12 100 *	48.8	76.1	13 300 *				56.0
58.0	26.9	60.8	8 000 *	32.2	65.4	8 800 *	34.9	67.6	9 300 *	39.1	70.6	10 200 *	42.8	72.7	11 200 *	46.2	74.2	12 300 *				58.0
60.0	22.4	56.4	7 400 *	28.4	62.0	8 200 *	31.5	64.5	8 700 *	36.0	67.9	9 500 *	40.0	70.4	10 400 *	43.5	72.2	11 500 *	46.7	73.3	12 500 *	60.0
62.0	16.6	50.6	6 800 *	24.1	57.8	7 600 *	27.6	61.0	8 100 *	32.6	65.0	8 900 *	36.9	67.9	9 700 *	40.7	70.0	10 700 *	44.1	71.3	11 600 *	62.0
64.0	7.2	40.9	5 600 *	18.9	52.6	7 100 *	23.1	56.7	7 500 *	28.9	61.6	8 300 *	33.6	65.0	9 100 *	37.7	67.5	9 900 *	41.3	69.1	10 800 *	64.0
68.0							9.4	42.6	6 300 *	19.6	52.5	7 100 *	26.0	57.9	7 800 *	31.0	61.5	8 600 *	35.1	64.0	9 300 *	68.0
72.0													15.0	47.0	6 700 *	22.5	53.5	7 400 *	27.8	57.4	8 100 *	72.0
76.0																7.6	38.2	6 300 *	18.0	47.7	7 000 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

33.5m (110 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	67.3	56.1	75 100 *b																			12.2
14.0	61.8	55.2	68 800 *b																			14.0
16.0	55.5	54.0	58 600 *b	64.8	55.5	71 100 *b																16.0
18.0	48.6	52.4	49 400 *	58.6	54.4	63 500 *b	64.1	55.1	71 400 *b													18.0
20.0	40.8	50.2	42 800 *	52.0	52.9	53 400 *	57.9	53.9	62 900 *b													20.0
22.0	31.4	47.4	37 500 *	44.7	51.1	45 800 *	51.2	52.4	52 600 *	60.7	53.8	61 500 b										22.0
24.0	18.0	42.8	33 400 *	36.2	48.6	39 900 *	43.8	50.5	45 200 *	54.3	52.5	55 100										24.0
26.0				25.4	45.1	35 300 *	35.1	48.0	39 500 *	47.3	50.8	48 400 *	57.1	52.1	48 300 b							26.0
28.0							23.8	44.3	35 000 *	39.3	48.6	41 900 *	50.3	50.6	44 100							28.0
30.0										29.5	45.5	36 900 *	42.7	48.6	40 500							30.0
32.0										14.3	40.3	32 900 *	33.9	46.0	37 400	45.7	48.3	36 200				32.0
34.0													22.0	42.1	34 500	37.4	45.9	33 600				34.0
36.0																27.0	42.6	31 300	40.2	45.3	30 300	36.0
38.0																7.8	35.8	29 100	30.6	42.4	28 300	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

33.5m (110 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	70.2	59.4	72 700 *b																			12.2
14.0	65.6	58.7	67 100 *b																			14.0
16.0	60.3	57.6	59 300 *b	68.1	58.8	69 000 *b																16.0
18.0	54.7	56.3	49 700 *	62.9	57.9	63 300 *b																18.0
20.0	48.6	54.7	43 000 *	57.5	56.7	53 700 *	62.3	57.5	63 400 *b													20.0
22.0	41.9	52.6	37 700 *	51.6	55.2	46 000 *	56.8	56.3	52 900 *													22.0
24.0	34.1	50.0	33 500 *	45.3	53.4	40 100 *	50.9	54.7	45 400 *	59.3	56.2	55 000										24.0
26.0	24.1	46.2	30 100 *	38.0	51.1	35 500 *	44.5	52.9	39 700 *	53.6	54.8	48 600 *										26.0
28.0				29.4	48.0	31 700 *	37.1	50.5	35 100 *	47.5	53.1	42 100 *	56.1	54.5	43 900							28.0
30.0				16.9	43.1	28 500 *	28.2	47.2	31 400 *	40.6	51.0	37 100 *	50.1	52.9	40 300							30.0
32.0							14.8	41.9	28 300 *	32.5	48.2	33 000 *	43.6	51.0	37 200	52.4	52.4	35 900				32.0
34.0										21.9	44.1	29 600 *	36.1	48.5	34 400	46.1	50.6	33 300				34.0
36.0													26.8	45.1	31 000 *	39.0	48.3	31 000				36.0
38.0													12.0	39.1	27 900 *	30.6	45.3	29 000	41.4	47.7	28 000	38.0
40.0																18.9	40.8	27 200	33.5	45.0	26 300	40.0
42.0																			23.2	41.1	24 700	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

33.5m (110 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	73.9	62.9	72 200 *b																			11.6
12.0	73.0	62.7	70 900 *b																			12.0
14.0	68.5	62.0	65 200 *b																			14.0
16.0	63.9	61.1	58 700 *b																			16.0
18.0	59.1	60.0	50 000 *	66.2	61.3	61 900 *b																18.0
20.0	54.1	58.6	43 100 *	61.5	60.3	54 100 *	65.6	60.9	62 400 *b													20.0
22.0	48.7	57.0	37 800 *	56.6	59.0	46 200 *	60.9	59.8	53 200 *													22.0
24.0	42.7	54.9	33 600 *	51.3	57.5	40 300 *	56.0	58.6	45 600 *													24.0
26.0	36.0	52.4	30 100 *	45.7	55.7	35 500 *	50.7	57.0	39 800 *	58.2	58.5	48 800 *										26.0
28.0	27.9	49.1	27 300 *	39.4	53.5	31 700 *	45.0	55.2	35 200 *	53.1	57.1	42 200 *										28.0
30.0	16.5	44.0	24 800 *	32.1	50.6	28 600 *	38.6	52.9	31 400 *	47.6	55.4	37 200 *	55.3	56.8	40 100							30.0
32.0				22.8	46.6	25 900 *	31.2	49.9	28 400 *	41.6	53.3	33 100 *	50.0	55.2	37 000							32.0
34.0							21.4	45.7	25 700 *	34.7	50.7	29 700 *	44.2	53.3	34 200							34.0
36.0										26.3	47.2	26 900 *	37.7	50.9	31 100 *	46.4	52.9	30 900				36.0
38.0										13.5	41.4	24 500 *	30.1	47.9	28 000 *	40.3	50.7	28 800				38.0
40.0													19.9	43.4	25 400 *	33.1	47.9	27 100	42.3	50.0	26 100	40.0
42.0																24.2	44.1	25 400	35.5	47.5	24 500	42.0
44.0																8.5	36.9	23 900	27.3	44.1	23 100	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

33.5m (110 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	75.5	66.0	69 500 *b																			11.6
12.0	74.7	65.9	68 400 *b																			12.0
14.0	70.8	65.3	63 100 *b																			14.0
16.0	66.7	64.5	57 800 *b																			16.0
18.0	62.5	63.5	50 200 *																			18.0
20.0	58.2	62.3	43 100 *	64.6	63.7	54 200 *																20.0
22.0	53.6	60.9	37 800 *	60.3	62.6	46 200 *	64.1	63.3	53 300 *													22.0
24.0	48.7	59.3	33 600 *	55.8	61.3	40 300 *	59.8	62.2	45 600 *													24.0
26.0	43.4	57.3	30 100 *	51.1	59.8	35 500 *	55.3	60.9	39 800 *	61.8	62.0	48 800 *										26.0
28.0	37.5	54.9	27 200 *	46.0	58.0	31 700 *	50.5	59.3	35 100 *	57.4	60.8	42 200 *										28.0
30.0	30.7	51.8	24 700 *	40.5	55.8	28 500 *	45.4	57.5	31 400 *	52.7	59.4	37 100 *										30.0
32.0	21.9	47.6	22 600 *	34.1	53.1	25 900 *	39.8	55.3	28 300 *	47.8	57.7	33 000 *	54.7	59.1	36 700							32.0
34.0				26.5	49.6	23 600 *	33.3	52.5	25 600 *	42.4	55.6	29 600 *	49.9	57.5	34 100							34.0
36.0				15.7	44.2	21 600 *	25.5	48.8	23 400 *	36.4	53.1	26 800 *	44.7	55.6	31 100 *							36.0
38.0							13.9	43.0	21 400 *	29.3	50.0	24 400 *	39.0	53.3	27 900 *	46.7	55.2	28 600				38.0
40.0										20.0	45.5	22 300 *	32.4	50.5	25 400 *	41.2	53.1	26 800				40.0
42.0													24.3	46.7	23 200 *	35.0	50.4	25 200	43.0	52.4	24 300	42.0
44.0													11.6	40.2	21 300 *	27.6	47.1	23 700	37.1	49.9	22 800	44.0
46.0																17.5	42.1	22 000 *	30.1	46.8	21 600	46.0
48.0																			21.2	42.5	20 400	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.8	69.0	64 400 *b																			12.2
14.0	72.6	68.5	60 600 *b																			14.0
16.0	68.9	67.8	56 200 *																			16.0
18.0	65.2	66.9	51 200 *																			18.0
20.0	61.4	65.9	44 400 *	67.0	67.1	53 900 *																20.0
22.0	57.4	64.6	38 800 *	63.2	66.1	47 800 *	66.6	66.7	54 400 *													22.0
24.0	53.2	63.2	34 400 *	59.3	65.0	41 400 *	62.8	65.7	46 900 *													24.0
26.0	48.7	61.6	30 900 *	55.2	63.7	36 500 *	58.9	64.6	40 800 *													26.0
28.0	43.9	59.6	27 900 *	50.9	62.1	32 500 *	54.7	63.2	36 100 *	60.7	64.4	43 500 *										28.0
30.0	38.7	57.3	25 300 *	46.3	60.3	29 300 *	50.4	61.6	32 200 *	56.6	63.2	38 100 *										30.0
32.0	32.7	54.4	23 200 *	41.3	58.2	26 500 *	45.8	59.8	29 000 *	52.4	61.7	33 800 *										32.0
34.0	25.6	50.7	21 300 *	35.7	55.6	24 200 *	40.7	57.6	26 300 *	47.9	60.0	30 400 *	54.2	61.4	33 900							34.0
36.0	15.5	45.2	19 000 *	29.2	52.4	22 200 *	35.0	55.0	24 000 *	43.0	58.0	27 500 *	49.8	59.8	31 400							36.0
38.0				21.0	48.0	20 400 *	28.4	51.7	22 000 *	37.7	55.6	25 000 *	45.1	57.9	28 600 *							38.0
40.0							19.8	47.1	20 300 *	31.6	52.6	22 900 *	40.0	55.7	26 000 *	46.9	57.5	26 600				40.0
42.0										24.1	48.7	21 000 *	34.3	53.0	23 700 *	42.0	55.4	25 000				42.0
44.0										12.9	42.5	19 400 *	27.4	49.6	21 800 *	36.5	52.9	23 500	43.6	54.7	22 600	44.0
46.0													18.4	44.7	20 100 *	30.1	49.8	22 200	38.3	52.3	21 400	46.0
48.0																22.2	45.6	20 700 *	32.3	49.4	20 200	48.0
50.0																8.8	38.0	19 100 *	25.0	45.7	19 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

33.5m (110 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.5	71.8	57 500 *b																			13.7
14.0	74.1	71.7	57 100 *b																			14.0
16.0	70.8	71.0	54 200 *																			16.0
18.0	67.4	70.2	50 500 *																			18.0
20.0	63.9	69.3	44 200 *	69.0	70.4	52 400 *																20.0
22.0	60.4	68.2	38 700 *	65.6	69.5	47 900 *																22.0
24.0	56.7	67.0	34 300 *	62.1	68.5	41 200 *	65.2	69.1	46 800 *													24.0
26.0	52.8	65.5	30 700 *	58.5	67.3	36 400 *	61.7	68.1	40 700 *													26.0
28.0	48.7	63.9	27 700 *	54.7	66.0	32 400 *	58.1	66.9	35 900 *													28.0
30.0	44.4	61.9	25 100 *	50.8	64.4	29 100 *	54.3	65.5	32 000 *	59.7	66.8	38 000 *										30.0
32.0	39.6	59.6	23 000 *	46.5	62.6	26 400 *	50.3	63.9	28 800 *	56.0	65.5	33 700 *										32.0
34.0	34.4	56.9	21 100 *	42.0	60.5	24 000 *	46.0	62.1	26 100 *	52.1	64.0	30 200 *										34.0
36.0	28.2	53.6	19 400 *	37.0	58.0	22 000 *	41.4	60.0	23 800 *	48.0	62.3	27 300 *	53.8	63.7	31 300							36.0
38.0	20.4	49.0	18 000 *	31.3	55.0	20 200 *	36.4	57.4	21 800 *	43.6	60.3	24 800 *	49.7	62.1	28 500 *							38.0
40.0				24.5	51.2	18 700 *	30.6	54.4	20 100 *	38.8	58.0	22 700 *	45.5	60.2	25 800 *	51.3	61.6	26 300				40.0
42.0				14.9	45.4	17 100 *	23.6	50.3	18 500 *	33.3	55.2	20 800 *	40.8	58.1	23 600 *	47.1	59.8	24 700				42.0
44.0							13.4	44.1	17 200 *	27.0	51.6	19 200 *	35.7	55.5	21 600 *	42.6	57.7	23 300				44.0
46.0										18.7	46.7	17 800 *	29.8	52.3	19 900 *	37.7	55.3	22 000	44.1	57.0	21 100	46.0
48.0													22.5	48.1	18 400 *	32.1	52.4	20 600 *	39.3	54.7	19 900	48.0
50.0													11.4	41.3	17 000 *	25.5	48.6	18 900 *	34.0	52.0	18 900	50.0
52.0																16.4	43.3	17 500 *	27.7	48.5	17 900	52.0
54.0																			19.7	43.8	17 000 *	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

33.5m (110 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.8	74.9	53 200 *b																			13.7
14.0	75.3	74.9	52 800 *b																			14.0
16.0	72.3	74.2	50 300 *																			16.0
18.0	69.2	73.5	47 900 *																			18.0
20.0	66.1	72.7	44 700 *	70.7	73.6	49 500 *																20.0
22.0	62.9	71.7	39 000 *	67.6	72.8	46 900 *																22.0
24.0	59.6	70.6	34 500 *	64.4	71.9	41 700 *																24.0
26.0	56.1	69.3	30 800 *	61.2	70.9	36 500 *	64.1	71.5	41 000 *													26.0
28.0	52.5	67.8	27 800 *	57.8	69.7	32 500 *	60.8	70.5	36 100 *													28.0
30.0	48.8	66.2	25 200 *	54.3	68.3	29 200 *	57.4	69.2	32 200 *													30.0
32.0	44.7	64.2	23 000 *	50.6	66.7	26 400 *	53.9	67.8	28 900 *	59.0	69.1	33 900 *										32.0
34.0	40.4	62.0	21 100 *	46.7	64.9	24 100 *	50.2	66.2	26 200 *	55.5	67.8	30 300 *										34.0
36.0	35.7	59.4	19 500 *	42.6	62.9	22 000 *	46.3	64.4	23 800 *	51.9	66.3	27 400 *										36.0
38.0	30.3	56.3	18 000 *	38.0	60.5	20 300 *	42.1	62.3	21 900 *	48.1	64.6	24 900 *	53.4	66.0	28 600							38.0
40.0	23.8	52.2	16 700 *	33.0	57.6	18 700 *	37.5	59.9	20 100 *	44.0	62.6	22 700 *	49.7	64.4	25 900 *							40.0
42.0	14.7	46.3	15 100 *	27.1	54.1	17 300 *	32.4	56.9	18 500 *	39.6	60.3	20 900 *	45.7	62.6	23 600 *	51.1	63.9	24 600				42.0
44.0				19.7	49.3	16 000 *	26.4	53.3	17 200 *	34.8	57.7	19 200 *	41.5	60.4	21 600 *	47.2	62.1	23 200				44.0
46.0							18.6	48.3	15 900 *	29.2	54.4	17 800 *	36.9	57.9	19 900 *	43.1	60.1	21 900				46.0
48.0										22.5	50.2	16 500 *	31.7	54.9	18 400 *	38.7	57.7	20 600	44.5	59.3	19 900	48.0
50.0										12.5	43.6	15 400 *	25.5	51.2	17 100 *	33.7	54.9	19 000 *	40.1	57.1	18 800	50.0
52.0													17.4	45.9	15 800 *	27.9	51.5	17 500 *	35.3	54.5	17 800 *	52.0
54.0																20.8	47.0	16 300 *	29.9	51.3	16 900 *	54.0
56.0																9.1	39.1	15 100 *	23.3	47.2	16 000 *	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.7	77.7	47 900 *																			15.2
16.0	73.6	77.4	47 100 *																			16.0
18.0	70.8	76.8	44 900 *																			18.0
20.0	67.9	76.0	42 800 *																			20.0
22.0	65.0	75.1	39 000 *	69.3	76.1	44 400 *																22.0
24.0	61.9	74.1	34 300 *	66.4	75.3	41 300 *																24.0
26.0	58.8	72.9	30 600 *	63.4	74.3	36 300 *	66.1	74.9	40 800 *													26.0
28.0	55.6	71.6	27 600 *	60.4	73.2	32 300 *	63.1	73.9	35 900 *													28.0
30.0	52.3	70.1	25 000 *	57.2	72.0	29 000 *	60.0	72.8	31 900 *													30.0
32.0	48.8	68.5	22 800 *	53.9	70.6	26 200 *	56.8	71.6	28 700 *	61.4	72.7	33 700 *										32.0
34.0	45.1	66.5	20 900 *	50.5	69.0	23 900 *	53.5	70.1	26 000 *	58.3	71.5	30 100 *										34.0
36.0	41.1	64.4	19 200 *	46.9	67.2	21 800 *	50.1	68.5	23 700 *	55.0	70.1	27 200 *										36.0
38.0	36.8	61.8	17 800 *	43.1	65.2	20 000 *	46.5	66.7	21 600 *	51.7	68.6	24 600 *										38.0
40.0	31.9	58.9	16 500 *	38.9	62.9	18 400 *	42.6	64.7	19 900 *	48.1	66.9	22 500 *	53.1	68.3	25 700 *							40.0
42.0	26.3	55.2	15 300 *	34.4	60.1	17 100 *	38.4	62.3	18 300 *	44.4	64.9	20 600 *	49.6	66.7	23 400 *							42.0
44.0	19.2	50.3	14 200 *	29.2	56.8	15 800 *	33.8	59.5	17 000 *	40.4	62.7	19 000 *	46.0	64.9	21 400 *							44.0
46.0				23.0	52.6	14 700 *	28.5	56.1	15 800 *	36.0	60.1	17 600 *	42.1	62.8	19 700 *	47.4	64.4	21 600				46.0
48.0				14.3	46.5	13 600 *	22.1	51.8	14 600 *	31.0	57.0	16 300 *	37.9	60.3	18 200 *	43.6	62.4	20 300				48.0
50.0							12.9	45.2	13 600 *	25.2	53.2	15 100 *	33.2	57.5	16 800 *	39.5	60.1	18 700 *	44.8	61.7	18 600	50.0
52.0										17.7	48.0	14 100 *	27.8	54.0	15 600 *	35.0	57.4	17 300 *	40.8	59.5	17 600 *	52.0
54.0													21.2	49.5	14 500 *	29.9	54.2	16 100 *	36.4	56.9	16 600 *	54.0
56.0													11.2	42.4	13 500 *	23.8	50.2	14 900 *	31.6	53.9	15 800 *	56.0
58.0																15.7	44.4	13 900 *	25.9	50.1	14 900 *	58.0
60.0																			18.6	45.1	14 100 *	60.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

33.5m (110 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.7	80.8	45 600 *																			15.2
16.0	74.7	80.6	44 900 *																			16.0
18.0	72.1	80.0	43 100 *																			18.0
20.0	69.4	79.3	41 200 *																			20.0
22.0	66.7	78.5	39 000 *																			22.0
24.0	64.0	77.5	34 700 *	68.1	78.6	40 900 *																24.0
26.0	61.1	76.5	30 900 *	65.3	77.7	36 800 *	67.7	78.2	41 200 *													26.0
28.0	58.2	75.3	27 800 *	62.5	76.7	32 700 *	65.0	77.3	36 200 *													28.0
30.0	55.2	73.9	25 200 *	59.6	75.6	29 300 *	62.2	76.3	32 300 *													30.0
32.0	52.1	72.4	23 000 *	56.7	74.3	26 400 *	59.3	75.2	28 900 *													32.0
34.0	48.8	70.8	21 100 *	53.6	72.9	24 000 *	56.3	73.9	26 200 *	60.6	75.0	30 400 *										34.0
36.0	45.3	68.9	19 400 *	50.4	71.3	22 000 *	53.2	72.5	23 800 *	57.7	73.8	27 400 *										36.0
38.0	41.7	66.7	17 900 *	47.0	69.5	20 200 *	50.0	70.8	21 800 *	54.7	72.4	24 900 *										38.0
40.0	37.7	64.3	16 500 *	43.5	67.5	18 600 *	46.6	69.0	20 000 *	51.5	70.9	22 700 *	55.9	72.1	25 900 *							40.0
42.0	33.3	61.4	15 400 *	39.7	65.2	17 200 *	43.1	67.0	18 400 *	48.2	69.2	20 800 *	52.8	70.6	23 500 *							42.0
44.0	28.4	58.0	14 300 *	35.5	62.6	15 900 *	39.2	64.7	17 100 *	44.7	67.3	19 200 *	49.6	69.0	21 500 *							44.0
46.0	22.4	53.7	13 300 *	30.9	59.5	14 800 *	35.0	62.0	15 800 *	41.0	65.1	17 700 *	46.2	67.2	19 800 *	50.8	68.5	21 400				46.0
48.0	14.2	47.5	11 700 *	25.5	55.7	13 800 *	30.3	58.8	14 700 *	37.0	62.6	16 400 *	42.6	65.1	18 300 *	47.5	66.7	20 200				48.0
50.0				18.6	50.6	12 900 *	24.8	54.9	13 700 *	32.5	59.6	15 200 *	38.7	62.7	16 900 *	43.9	64.7	18 900 *				50.0
52.0							17.7	49.6	12 800 *	27.4	56.1	14 100 *	34.4	60.0	15 700 *	40.2	62.5	17 400 *	45.1	64.0	17 200 *	52.0
54.0										21.2	51.5	13 200 *	29.6	56.7	14 600 *	36.1	59.9	16 100 *	41.4	61.8	16 300 *	54.0
56.0										12.2	44.7	12 300 *	24.0	52.7	13 600 *	31.5	56.8	15 000 *	37.4	59.3	15 400 *	56.0
58.0													16.6	47.1	12 700 *	26.2	53.1	14 000 *	33.0	56.4	14 700 *	58.0
60.0																19.6	48.3	13 000 *	28.0	53.0	13 900 *	60.0
62.0																9.2	40.2	12 200 *	21.9	48.6	13 200 *	62.0
64.0																			13.4	42.1	12 400 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.8	83.6	41 400 *																			16.8
18.0	73.3	83.2	40 400 *																			18.0
20.0	70.8	82.5	38 800 *																			20.0
22.0	68.3	81.8	37 100 *																			22.0
24.0	65.7	80.9	34 500 *	69.5	81.9	38 200 *																24.0
26.0	63.1	79.9	30 700 *	67.0	81.1	36 600 *																26.0
28.0	60.4	78.8	27 600 *	64.4	80.2	32 400 *	66.7	80.7	36 100 *													28.0
30.0	57.7	77.6	25 000 *	61.7	79.1	29 000 *	64.1	79.8	32 000 *													30.0
32.0	54.8	76.3	22 800 *	59.0	78.0	26 200 *	61.4	78.7	28 700 *													32.0
34.0	51.9	74.7	20 800 *	56.2	76.7	23 800 *	58.7	77.5	26 000 *													34.0
36.0	48.8	73.1	19 100 *	53.3	75.2	21 700 *	55.9	76.2	23 600 *	59.9	77.4	27 200 *										36.0
38.0	45.6	71.2	17 600 *	50.3	73.6	19 900 *	53.0	74.8	21 500 *	57.2	76.1	24 600 *										38.0
40.0	42.2	69.1	16 300 *	47.2	71.8	18 400 *	50.0	73.1	19 800 *	54.3	74.8	22 400 *										40.0
42.0	38.5	66.7	15 100 *	43.8	69.8	17 000 *	46.8	71.3	18 200 *	51.3	73.2	20 500 *	55.5	74.4	23 300 *							42.0
44.0	34.5	63.9	14 100 *	40.3	67.6	15 700 *	43.4	69.3	16 800 *	48.2	71.5	18 900 *	52.6	73.0	21 300 *							44.0
46.0	30.0	60.7	13 100 *	36.5	65.0	14 600 *	39.9	67.0	15 600 *	45.0	69.6	17 400 *	49.6	71.3	19 600 *							46.0
48.0	24.8	56.8	12 200 *	32.3	62.1	13 500 *	36.0	64.4	14 500 *	41.5	67.4	16 100 *	46.4	69.5	18 000 *	50.7	70.8	20 000				48.0
50.0	18.3	51.6	11 200 *	27.5	58.5	12 600 *	31.7	61.4	13 500 *	37.8	65.0	15 000 *	43.0	67.4	16 700 *	47.6	69.0	18 600 *				50.0
52.0				21.7	54.0	11 800 *	26.9	57.8	12 600 *	33.7	62.1	13 900 *	39.4	65.1	15 400 *	44.3	67.0	17 200 *				52.0
54.0				13.8	47.6	10 800 *	21.0	53.2	11 700 *	29.2	58.8	13 000 *	35.5	62.4	14 300 *	40.8	64.8	15 900 *	45.3	66.3	16 000 *	54.0
56.0							12.6	46.3	10 800 *	23.8	54.7	12 100 *	31.2	59.3	13 400 *	37.0	62.3	14 800 *	41.9	64.1	15 100 *	56.0
58.0										16.9	49.2	11 300 *	26.2	55.6	12 500 *	32.8	59.4	13 700 *	38.2	61.7	14 300 *	58.0
60.0													20.1	50.8	11 700 *	28.1	55.9	12 800 *	34.2	58.9	13 600 *	60.0
62.0													11.1	43.4	10 900 *	22.5	51.6	11 900 *	29.7	55.7	12 900 *	62.0
64.0																15.1	45.6	11 200 *	24.4	51.7	12 200 *	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

33.5m (110 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.7	86.7	38 400 *																			16.8
18.0	74.3	86.4	37 400 *																			18.0
20.0	72.0	85.8	36 000 *																			20.0
22.0	69.6	85.1	34 500 *																			22.0
24.0	67.2	84.2	33 100 *																			24.0
26.0	64.8	83.3	30 900 *	68.4	84.4	34 100 *																26.0
28.0	62.3	82.3	27 700 *	66.0	83.5	32 400 *																28.0
30.0	59.8	81.2	25 100 *	63.5	82.6	29 300 *	65.7	83.1	32 300 *													30.0
32.0	57.2	79.9	22 800 *	61.0	81.5	26 300 *	63.2	82.2	28 900 *													32.0
34.0	54.5	78.6	20 800 *	58.5	80.3	23 900 *	60.7	81.1	26 000 *													34.0
36.0	51.7	77.0	19 100 *	55.8	79.0	21 800 *	58.2	79.9	23 600 *													36.0
38.0	48.8	75.4	17 600 *	53.1	77.5	19 900 *	55.5	78.5	21 600 *	59.3	79.7	24 700 *										38.0
40.0	45.8	73.5	16 300 *	50.2	75.9	18 300 *	52.7	77.1	19 800 *	56.7	78.5	22 500 *										40.0
42.0	42.6	71.4	15 100 *	47.3	74.1	16 900 *	49.9	75.4	18 200 *	54.0	77.1	20 600 *										42.0
44.0	39.2	69.0	14 000 *	44.2	72.2	15 700 *	46.9	73.6	16 800 *	51.2	75.5	18 900 *	55.1	76.7	21 400 *							44.0
46.0	35.5	66.4	13 000 *	40.9	70.0	14 500 *	43.8	71.6	15 500 *	48.3	73.8	17 400 *	52.4	75.3	19 600 *							46.0
48.0	31.4	63.3	12 100 *	37.3	67.5	13 500 *	40.5	69.4	14 400 *	45.2	71.9	16 100 *	49.5	73.6	18 000 *							48.0
50.0	26.8	59.6	11 300 *	33.5	64.6	12 600 *	36.9	66.9	13 400 *	42.0	69.8	14 900 *	46.5	71.8	16 600 *	50.6	73.1	18 600				50.0
52.0	21.3	55.1	10 600 *	29.1	61.2	11 700 *	33.0	63.9	12 500 *	38.5	67.4	13 900 *	43.4	69.7	15 400 *	47.7	71.3	17 200 *				52.0
54.0	13.8	48.6	9 300 *	24.1	57.2	10 900 *	28.6	60.5	11 600 *	34.8	64.6	12 900 *	40.0	67.5	14 300 *	44.6	69.4	15 900 *				54.0
56.0				17.8	51.8	10 200 *	23.5	56.4	10 900 *	30.7	61.5	12 000 *	36.4	64.9	13 300 *	41.3	67.2	14 700 *	45.6	68.6	14 900 *	56.0
58.0							17.0	50.8	10 200 *	25.9	57.7	11 200 *	32.5	61.9	12 400 *	37.8	64.7	13 600 *	42.3	66.5	14 200 *	58.0
60.0										20.2	52.9	10 500 *	28.0	58.4	11 600 *	34.0	61.9	12 700 *	38.9	64.1	13 400 *	60.0
62.0										12.0	45.7	9 800 *	22.8	54.1	10 800 *	29.7	58.6	11 800 *	35.2	61.4	12 700 *	62.0
64.0													15.9	48.3	10 100 *	24.8	54.7	11 100 *	31.1	58.3	12 100 *	64.0
68.0																9.4	41.3	9 700 *	20.9	49.9	10 600 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.9	89.5	34 900 *																			18.3
20.0	73.0	89.0	33 800 *																			20.0
22.0	70.8	88.3	32 400 *																			22.0
24.0	68.6	87.5	31 000 *																			24.0
26.0	66.3	86.7	29 300 *	69.7	87.7	32 000 *																26.0
28.0	64.0	85.8	27 500 *	67.4	86.8	30 300 *																28.0
30.0	61.6	84.7	24 900 *	65.1	86.0	28 700 *																30.0
32.0	59.2	83.6	22 500 *	62.8	85.0	26 100 *	64.8	85.6	28 600 *													32.0
34.0	56.7	82.3	20 600 *	60.4	83.9	23 600 *	62.5	84.5	25 800 *													34.0
36.0	54.2	80.9	18 900 *	58.0	82.6	21 500 *	60.1	83.4	23 400 *													36.0
38.0	51.6	79.3	17 300 *	55.4	81.3	19 700 *	57.7	82.2	21 300 *	61.2	83.3	24 500 *										38.0
40.0	48.8	77.7	16 000 *	52.9	79.8	18 100 *	55.1	80.9	19 500 *	58.8	82.1	22 200 *										40.0
42.0	46.0	75.8	14 800 *	50.2	78.2	16 700 *	52.5	79.4	17 900 *	56.3	80.8	20 300 *										42.0
44.0	43.0	73.7	13 800 *	47.4	76.4	15 400 *	49.8	77.7	16 500 *	53.7	79.4	18 700 *										44.0
46.0	39.8	71.4	12 800 *	44.4	74.5	14 300 *	47.0	75.9	15 300 *	51.1	77.8	17 200 *	54.8	79.1	19 300 *							46.0
48.0	36.4	68.8	11 900 *	41.4	72.3	13 300 *	44.1	74.0	14 200 *	48.3	76.1	15 800 *	52.2	77.6	17 800 *							48.0
50.0	32.6	65.9	11 100 *	38.1	69.9	12 300 *	41.0	71.7	13 200 *	45.4	74.2	14 700 *	49.5	75.9	16 400 *							50.0
52.0	28.5	62.4	10 400 *	34.5	67.1	11 500 *	37.7	69.3	12 300 *	42.4	72.1	13 600 *	46.7	74.1	15 200 *	50.5	75.4	16 900 *				52.0
54.0	23.6	58.3	9 700 *	30.6	63.9	10 700 *	34.1	66.5	11 400 *	39.2	69.7	12 700 *	43.7	72.1	14 100 *	47.7	73.6	15 600 *				54.0
56.0	17.6	52.8	8 800 *	26.1	60.1	10 000 *	30.1	63.2	10 700 *	35.7	67.1	11 800 *	40.6	69.8	13 100 *	44.8	71.7	14 500 *				56.0
58.0				20.7	55.4	9 400 *	25.5	59.4	9 900 *	31.9	64.1	11 000 *	37.2	67.3	12 200 *	41.8	69.5	13 400 *	45.8	70.9	13 900 *	58.0
60.0				13.5	48.7	8 500 *	20.0	54.5	9 300 *	27.7	60.5	10 300 *	33.6	64.5	11 300 *	38.5	67.1	12 500 *	42.7	68.8	13 100 *	60.0
62.0							12.4	47.4	8 500 *	22.7	56.2	9 600 *	29.5	61.1	10 500 *	35.0	64.4	11 600 *	39.5	66.5	12 400 *	62.0
64.0										16.3	50.4	8 900 *	24.9	57.2	9 800 *	31.1	61.3	10 800 *	36.1	63.9	11 800 *	64.0
68.0													11.0	44.5	8 600 *	21.5	53.0	9 500 *	28.2	57.4	10 400 *	68.0
72.0																			17.1	47.6	9 000 *	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

33.5m (110 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.7	92.6	32 300 *																			18.3
20.0	73.9	92.2	31 800 *																			20.0
22.0	71.8	91.5	30 500 *																			22.0
24.0	69.7	90.8	28 900 *																			24.0
26.0	67.6	90.0	27 500 *	70.8	90.9	29 700 *																26.0
28.0	65.5	89.1	26 000 *	68.7	90.1	28 300 *																28.0
30.0	63.2	88.2	24 400 *	66.5	89.3	26 900 *																30.0
32.0	61.0	87.1	22 300 *	64.3	88.4	25 400 *	66.3	88.9	28 000 *													32.0
34.0	58.7	85.9	20 400 *	62.1	87.3	23 400 *	64.1	88.0	25 600 *													34.0
36.0	56.3	84.6	18 700 *	59.8	86.2	21 300 *	61.8	86.9	23 200 *													36.0
38.0	53.9	83.2	17 200 *	57.5	85.0	19 500 *	59.6	85.8	21 100 *													38.0
40.0	51.4	81.6	15 800 *	55.1	83.6	17 900 *	57.2	84.5	19 300 *	60.6	85.6	22 000 *										40.0
42.0	48.8	80.0	14 600 *	52.7	82.1	16 500 *	54.8	83.2	17 700 *	58.3	84.4	20 100 *										42.0
44.0	46.1	78.1	13 500 *	50.1	80.5	15 200 *	52.4	81.7	16 300 *	55.9	83.1	18 400 *										44.0
46.0	43.3	76.0	12 600 *	47.5	78.8	14 000 *	49.8	80.0	15 100 *	53.5	81.7	16 900 *	56.9	82.8	19 100 *							46.0
48.0	40.3	73.8	11 700 *	44.7	76.8	13 000 *	47.1	78.2	14 000 *	51.0	80.1	15 600 *	54.5	81.4	17 500 *							48.0
50.0	37.1	71.2	10 900 *	41.8	74.6	12 100 *	44.4	76.3	12 900 *	48.4	78.4	14 400 *	52.0	79.9	16 200 *							50.0
52.0	33.7	68.4	10 100 *	38.7	72.2	11 300 *	41.4	74.1	12 000 *	45.6	76.5	13 400 *	49.5	78.2	14 900 *							52.0
54.0	29.9	65.1	9 400 *	35.4	69.6	10 500 *	38.3	71.7	11 200 *	42.8	74.4	12 400 *	46.8	76.4	13 800 *	50.4	77.7	15 400 *				54.0
56.0	25.5	61.2	8 800 *	31.8	66.5	9 800 *	35.0	68.9	10 400 *	39.8	72.1	11 600 *	44.0	74.4	12 800 *	47.8	75.9	14 200 *				56.0
58.0	20.4	56.4	8 200 *	27.7	62.9	9 100 *	31.3	65.8	9 700 *	36.5	69.5	10 800 *	41.0	72.2	11 900 *	45.1	74.0	13 200 *				58.0
60.0	13.4	49.7	7 100 *	23.0	58.7	8 500 *	27.2	62.2	9 100 *	33.0	66.6	10 000 *	37.9	69.7	11 100 *	42.2	71.9	12 300 *	45.9	73.2	12 900 *	60.0
62.0				17.2	53.1	7 900 *	22.4	57.8	8 400 *	29.1	63.2	9 400 *	34.5	67.0	10 300 *	39.1	69.5	11 400 *	43.1	71.1	12 100 *	62.0
64.0				7.7	43.7	6 800 *	16.4	52.0	7 900 *	24.7	59.2	8 800 *	30.8	63.8	9 700 *	35.8	66.8	10 600 *	40.1	68.9	11 500 *	64.0
68.0										11.8	46.8	7 600 *	21.8	55.5	8 400 *	28.3	60.4	9 200 *	33.4	63.4	10 100 *	68.0
72.0																18.0	50.8	8 100 *	25.2	56.2	8 800 *	72.0
76.0																			12.8	44.3	7 700 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	74.9	95.4	28 900 *																			19.8
20.0	74.7	95.3	28 900 *																			20.0
22.0	72.8	94.7	28 300 *																			22.0
24.0	70.8	94.1	26 900 *																			24.0
26.0	68.8	93.3	25 400 *																			26.0
28.0	66.8	92.5	24 000 *	69.8	93.4	26 200 *																28.0
30.0	64.7	91.6	22 500 *	67.8	92.6	24 800 *																30.0
32.0	62.6	90.6	21 100 *	65.7	91.7	23 400 *	67.5	92.2	25 800 *													32.0
34.0	60.4	89.4	19 700 *	63.6	90.8	22 000 *	65.5	91.4	24 200 *													34.0
36.0	58.2	88.2	18 400 *	61.5	89.7	20 600 *	63.4	90.4	22 700 *													36.0
38.0	56.0	86.9	16 900 *	59.3	88.6	19 200 *	61.2	89.3	20 900 *													38.0
40.0	53.7	85.5	15 500 *	57.1	87.3	17 600 *	59.1	88.1	19 000 *	62.2	89.1	20 900 *										40.0
42.0	51.3	84.0	14 300 *	54.8	85.9	16 200 *	56.8	86.9	17 400 *	60.1	88.0	19 600 *										42.0
44.0	48.8	82.3	13 300 *	52.5	84.5	14 900 *	54.5	85.5	16 000 *	57.9	86.8	18 200 *										44.0
46.0	46.3	80.4	12 300 *	50.0	82.8	13 800 *	52.2	84.0	14 800 *	55.6	85.5	16 700 *										46.0
48.0	43.6	78.4	11 400 *	47.5	81.1	12 800 *	49.8	82.3	13 700 *	53.3	84.0	15 400 *	56.5	85.1	17 300 *							48.0
50.0	40.8	76.1	10 600 *	44.9	79.1	11 800 *	47.2	80.6	12 700 *	50.9	82.4	14 200 *	54.3	83.7	15 900 *							50.0
52.0	37.8	73.7	9 900 *	42.2	77.0	11 000 *	44.6	78.6	11 800 *	48.4	80.7	13 100 *	51.9	82.2	14 700 *							52.0
54.0	34.6	70.9	9 200 *	39.3	74.6	10 200 *	41.8	76.4	10 900 *	45.8	78.8	12 200 *	49.4	80.5	13 600 *							54.0
56.0	31.1	67.7	8 600 *	36.2	72.0	9 500 *	38.9	74.1	10 200 *	43.1	76.8	11 300 *	46.9	78.7	12 600 *	50.4	80.0	14 000 *				56.0
58.0	27.2	64.1	8 000 *	32.8	69.1	8 900 *	35.8	71.4	9 400 *	40.3	74.5	10 500 *	44.3	76.7	11 700 *	47.9	78.2	12 900 *				58.0
60.0	22.6	59.7	7 400 *	29.1	65.7	8 300 *	32.4	68.4	8 800 *	37.2	72.0	9 800 *	41.5	74.5	10 800 *	45.3	76.3	12 000 *				60.0
62.0	17.0	54.0	6 800 *	24.9	61.7	7 700 *	28.7	65.0	8 200 *	34.0	69.1	9 100 *	38.5	72.1	10 100 *	42.5	74.2	11 100 *	46.1	75.5	11 800 *	62.0
64.0	8.0	44.7	5 500 *	19.9	56.8	7 200 *	24.4	60.9	7 700 *	30.4	65.9	8 500 *	35.4	69.4	9 400 *	39.6	71.9	10 400 *	43.4	73.5	11 200 *	64.0
68.0							12.1	48.5	6 600 *	21.7	57.6	7 400 *	28.2	62.9	8 200 *	33.3	66.4	9 000 *	37.6	68.7	9 900 *	68.0
72.0													18.5	53.4	7 100 *	25.5	59.2	7 800 *	30.8	62.7	8 600 *	72.0
76.0																14.2	47.9	6 800 *	22.3	54.6	7 400 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

36.6m (120 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	67.6	59.2	75 200 *b																			12.2
14.0	62.2	58.3	68 800 *b																			14.0
16.0	55.8	57.1	59 300 *b	65.9	58.7	71 900 *b																16.0
18.0	48.9	55.5	49 800 *	59.8	57.6	65 400 *b																18.0
20.0	41.2	53.4	43 100 *	53.3	56.2	55 100 *	59.6	57.3	66 300 *b													20.0
22.0	31.9	50.6	37 800 *	46.1	54.5	47 000 *	53.0	55.9	54 900 *b													22.0
24.0	18.9	46.2	33 600 *	37.9	52.2	40 900 *	45.8	54.1	46 900 *	56.9	56.0	54 600 b										24.0
26.0				27.7	48.9	36 100 *	37.6	51.8	40 900 *	50.1	54.4	49 400										26.0
28.0							27.3	48.5	36 100 *	42.6	52.5	44 500 *	53.9	54.3	43 500 b							28.0
30.0										33.6	49.8	38 800 *	46.8	52.6	40 000							30.0
32.0										21.6	45.8	34 400 *	38.7	50.4	36 900	50.4	52.2	35 500				32.0
34.0													28.8	47.2	34 200	42.9	50.3	33 000				34.0
36.0																34.0	47.7	30 700				36.0
38.0																22.2	43.7	28 700	38.1	47.4	27 700	38.0
40.0																			27.9	44.2	25 900	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

36.6m (120 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	70.5	62.5	72 600 *b																			12.2
14.0	65.9	61.8	67 100 *b																			14.0
16.0	60.6	60.7	59 500 *b	69.1	62.0	69 600 *b																16.0
18.0	55.0	59.4	50 200 *	63.9	61.1	64 000 *b																18.0
20.0	48.9	57.8	43 300 *	58.5	60.0	55 500 *	63.7	60.8	65 000 *b													20.0
22.0	42.3	55.8	38 000 *	52.7	58.5	47 300 *	58.3	59.6	55 500 *													22.0
24.0	34.5	53.2	33 700 *	46.5	56.8	41 100 *	52.5	58.2	47 200 *													24.0
26.0	24.7	49.5	30 200 *	39.5	54.6	36 300 *	46.2	56.4	41 100 *	55.9	58.3	49 200										26.0
28.0				31.1	51.6	32 300 *	39.2	54.2	36 200 *	50.0	56.7	44 500										28.0
30.0				19.8	47.3	29 100 *	30.8	51.2	32 300 *	43.4	54.8	38 900 *	53.3	56.6	39 700							30.0
32.0							19.3	46.7	29 100 *	35.9	52.3	34 500 *	47.1	54.9	36 700							32.0
34.0										26.6	48.9	30 900 *	40.1	52.7	34 000	50.2	54.5	32 700				34.0
36.0													32.0	49.9	31 700	43.7	52.6	30 400				36.0
38.0													21.1	45.7	29 500	36.2	50.1	28 400				38.0
40.0																27.0	46.8	26 700				40.0
42.0																			39.6	49.7	25 600	42.0
44.0																			31.3	46.8	24 100	44.0
																			20.1	42.5	22 700	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

36.6m (120 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	74.1	65.9	71 800 *b																			11.6
12.0	73.2	65.8	70 600 *b																			12.0
14.0	68.7	65.1	65 100 *b																			14.0
16.0	64.2	64.2	58 900 *b																			16.0
18.0	59.4	63.1	50 500 *	67.0	64.5	62 500 *b																18.0
20.0	54.3	61.7	43 400 *	62.4	63.5	55 900 *	66.8	64.1	63 600 *b													20.0
22.0	48.9	60.1	38 100 *	57.5	62.3	47 500 *	62.2	63.1	55 900 *													22.0
24.0	43.1	58.1	33 800 *	52.3	60.8	41 200 *	57.3	61.9	47 300 *													24.0
26.0	36.4	55.6	30 300 *	46.8	59.1	36 400 *	52.1	60.5	41 200 *	60.2	61.9	49 000										26.0
28.0	28.4	52.4	27 400 *	40.6	56.9	32 400 *	46.6	58.7	36 300 *	55.2	60.6	44 400										28.0
30.0	17.3	47.4	24 900 *	33.6	54.2	29 100 *	40.4	56.5	32 400 *	49.9	59.0	39 100 *										30.0
32.0				24.8	50.5	26 400 *	33.3	53.8	29 100 *	44.1	57.1	34 600 *	52.8	58.9	36 400							32.0
34.0							24.4	50.0	26 400 *	37.6	54.7	30 900 *	47.3	57.2	33 800							34.0
36.0										29.9	51.7	27 900 *	41.2	55.1	31 500	50.1	56.8	30 300				36.0
38.0										19.6	47.1	25 400 *	34.3	52.4	29 400	44.3	54.9	28 300				38.0
40.0													25.7	48.8	26 800 *	37.8	52.6	26 500	46.9	54.3	25 500	40.0
42.0																30.2	49.5	24 900	40.8	52.1	23 900	42.0
44.0																20.1	45.1	23 400	33.7	49.4	22 500	44.0
46.0																			25.0	45.7	21 300	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

36.6m (120 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
11.6	75.7	69.1	69 100 *b																			11.6
12.0	74.9	69.0	68 000 *b																			12.0
14.0	71.0	68.3	63 000 *b																			14.0
16.0	66.9	67.5	58 000 *b																			16.0
18.0	62.7	66.6	50 600 *																			18.0
20.0	58.4	65.4	43 400 *	65.3	66.9	55 700 *																20.0
22.0	53.8	64.0	38 000 *	61.1	65.9	47 600 *	65.2	66.6	55 800 *													22.0
24.0	49.0	62.4	33 700 *	56.7	64.6	41 200 *	60.9	65.5	47 300 *													24.0
26.0	43.7	60.4	30 200 *	52.0	63.2	36 300 *	56.5	64.3	41 200 *													26.0
28.0	37.8	58.1	27 300 *	47.0	61.4	32 300 *	51.8	62.8	36 300 *	59.1	64.3	44 200										28.0
30.0	31.1	55.1	24 800 *	41.5	59.3	29 100 *	46.8	61.0	32 300 *	54.6	62.9	39 100 *										30.0
32.0	22.5	51.0	22 700 *	35.4	56.7	26 300 *	41.3	58.9	29 000 *	49.8	61.3	34 500 *	57.1	62.7	36 100							32.0
34.0				28.1	53.4	24 000 *	35.2	56.3	26 300 *	44.6	59.4	30 900 *	52.4	61.2	33 600							34.0
36.0				18.2	48.5	22 000 *	27.8	52.9	24 000 *	38.9	57.1	27 900 *	47.5	59.5	31 200							36.0
38.0							17.8	48.0	22 000 *	32.3	54.3	25 300 *	42.1	57.4	29 200							38.0
40.0										24.1	50.4	23 100 *	36.0	54.9	26 700 *	44.8	57.2	26 300				40.0
42.0													28.8	51.7	24 300 *	39.1	55.0	24 700				42.0
44.0													19.3	47.0	22 200 *	32.6	52.1	23 200	41.7	54.5	22 300	44.0
46.0																24.5	48.3	21 900	35.5	51.9	21 000	46.0
48.0																			28.2	48.6	19 900	48.0
50.0																			18.5	43.8	18 800	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

36.6m (120 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	76.0	72.1	63 800 *b																			12.2
14.0	72.8	71.6	60 400 *b																			14.0
16.0	69.1	70.9	56 100 *																			16.0
18.0	65.4	70.0	51 500 *																			18.0
20.0	61.6	69.0	44 700 *	67.7	70.3	54 400 *																20.0
22.0	57.6	67.8	39 100 *	64.0	69.3	49 300 *																22.0
24.0	53.4	66.3	34 700 *	60.1	68.2	42 400 *	63.8	69.0	48 800 *													24.0
26.0	49.0	64.7	31 000 *	56.0	67.0	37 300 *	59.9	67.9	42 300 *													26.0
28.0	44.2	62.8	28 000 *	51.7	65.5	33 200 *	55.8	66.6	37 200 *													28.0
30.0	39.0	60.4	25 500 *	47.2	63.7	29 800 *	51.6	65.1	33 100 *	58.2	66.6	40 000										30.0
32.0	33.1	57.6	23 300 *	42.3	61.6	27 000 *	47.0	63.3	29 800 *	54.1	65.3	35 400 *										32.0
34.0	26.0	54.0	21 400 *	36.8	59.2	24 600 *	42.1	61.2	27 000 *	49.7	63.6	31 700 *	56.4	65.0	33 300							34.0
36.0	16.2	48.6	19 300 *	30.5	56.1	22 500 *	36.6	58.7	24 600 *	45.0	61.8	28 600 *	52.1	63.5	31 000							36.0
38.0				22.7	52.0	20 700 *	30.3	55.6	22 500 *	39.9	59.5	25 900 *	47.6	61.8	29 000							38.0
40.0							22.4	51.5	20 700 *	34.1	56.8	23 700 *	42.7	59.8	27 100	49.9	61.4	26 000				40.0
42.0										27.3	53.3	21 700 *	37.3	57.3	24 900 *	45.2	59.6	24 400				42.0
44.0										18.2	48.4	20 000 *	31.2	54.3	22 800 *	40.1	57.3	23 000				44.0
46.0													23.6	50.4	20 900 *	34.4	54.6	21 700	42.4	56.8	20 800	46.0
48.0																27.6	51.2	20 500	36.9	54.3	19 700	48.0
50.0																18.6	46.4	19 400	30.7	51.3	18 600	50.0
52.0																			22.9	47.2	17 600	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.7	74.8	57 100 *b																			13.7
14.0	74.2	74.8	56 700 *b																			14.0
16.0	70.9	74.1	53 900 *																			16.0
18.0	67.6	73.3	50 500 *																			18.0
20.0	64.1	72.4	44 600 *	69.7	73.5	52 700 *																20.0
22.0	60.6	71.3	39 000 *	66.3	72.7	48 600 *																22.0
24.0	56.9	70.1	34 500 *	62.8	71.7	42 300 *																24.0
26.0	53.0	68.6	30 900 *	59.2	70.6	37 200 *	62.7	71.4	42 100 *													26.0
28.0	49.0	67.0	27 900 *	55.4	69.3	33 100 *	59.1	70.2	37 000 *													28.0
30.0	44.6	65.1	25 300 *	51.5	67.8	29 600 *	55.3	68.9	33 000 *	61.2	70.2	39 800										30.0
32.0	39.9	62.8	23 100 *	47.3	66.0	26 800 *	51.4	67.4	29 600 *	57.5	69.0	35 200 *										32.0
34.0	34.7	60.1	21 200 *	42.9	64.0	24 400 *	47.2	65.6	26 800 *	53.7	67.6	31 500 *										34.0
36.0	28.6	56.8	19 500 *	38.0	61.6	22 300 *	42.7	63.6	24 400 *	49.6	65.9	28 400 *	55.8	67.3	30 800							36.0
38.0	20.9	52.3	18 000 *	32.5	58.7	20 500 *	37.8	61.2	22 300 *	45.4	64.1	25 700 *	51.9	65.8	28 700							38.0
40.0				25.9	55.0	18 900 *	32.2	58.2	20 500 *	40.7	61.9	23 500 *	47.7	64.1	26 900							40.0
42.0				17.1	49.8	17 600 *	25.6	54.5	18 900 *	35.6	59.3	21 600 *	43.3	62.1	24 700 *	49.8	63.7	24 200				42.0
44.0							16.7	49.2	17 500 *	29.6	56.1	19 800 *	38.4	59.7	22 600 *	45.5	61.9	22 800				44.0
46.0										22.3	51.9	18 300 *	33.0	56.9	20 800 *	40.9	59.7	21 500	47.4	61.2	20 500	46.0
48.0													26.6	53.3	19 100 *	35.8	57.1	20 300	43.0	59.1	19 400	48.0
50.0													18.1	48.3	17 700 *	29.9	53.9	19 200	38.1	56.8	18 400	50.0
52.0																22.7	49.8	18 200	32.6	53.9	17 400 *	52.0
54.0																			26.0	50.2	16 500 *	54.0
56.0																			17.3	45.0	15 600 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

36.6m (120 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.9	78.0	52 700 *b																			13.7
14.0	75.5	77.9	52 400 *b																			14.0
16.0	72.5	77.3	50 000 *																			16.0
18.0	69.4	76.6	47 700 *																			18.0
20.0	66.3	75.8	45 100 *																			20.0
22.0	63.0	74.8	39 200 *	68.2	76.0	47 300 *																22.0
24.0	59.7	73.7	34 700 *	65.0	75.1	42 900 *																24.0
26.0	56.3	72.4	31 000 *	61.8	74.1	37 400 *	64.9	74.8	42 500 *													26.0
28.0	52.7	71.0	27 900 *	58.4	72.9	33 200 *	61.7	73.8	37 300 *													28.0
30.0	49.0	69.3	25 300 *	55.0	71.6	29 800 *	58.3	72.6	33 100 *													30.0
32.0	45.0	67.4	23 100 *	51.3	70.1	26 900 *	54.8	71.2	29 700 *	60.3	72.5	35 500 *										32.0
34.0	40.7	65.2	21 200 *	47.5	68.3	24 500 *	51.2	69.7	26 800 *	56.9	71.3	31 600 *										34.0
36.0	35.9	62.6	19 500 *	43.4	66.3	22 400 *	47.3	67.9	24 400 *	53.3	69.9	28 500 *										36.0
38.0	30.6	59.5	18 000 *	38.9	64.0	20 500 *	43.2	65.9	22 400 *	49.6	68.2	25 800 *	55.3	69.7	28 600							38.0
40.0	24.2	55.5	16 700 *	34.0	61.2	18 900 *	38.8	63.6	20 500 *	45.6	66.4	23 500 *	51.7	68.1	26 800							40.0
42.0	15.4	49.8	15 200 *	28.3	57.8	17 600 *	33.8	60.8	18 900 *	41.4	64.2	21 500 *	47.8	66.4	24 800 *							42.0
44.0				21.2	53.4	16 300 *	28.1	57.4	17 500 *	36.8	61.7	19 800 *	43.8	64.4	22 600 *	49.7	66.0	22 700				44.0
46.0							20.9	52.9	16 200 *	31.5	58.7	18 300 *	39.3	62.1	20 800 *	45.8	64.2	21 400				46.0
48.0										25.3	54.9	17 000 *	34.5	59.4	19 100 *	41.6	62.0	20 200				48.0
50.0										17.1	49.6	15 800 *	28.9	56.1	17 700 *	36.9	59.5	19 100	43.5	61.5	18 200	50.0
52.0													22.0	51.8	16 400 *	31.7	56.6	18 100	39.0	59.1	17 300 *	52.0
54.0																25.6	52.8	17 100 *	34.1	56.4	16 400 *	54.0
56.0																17.5	47.6	15 900 *	28.4	53.0	15 500 *	56.0
58.0																			21.4	48.6	14 700 *	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.8	80.7	47 600 *																			15.2
16.0	73.8	80.5	46 800 *																			16.0
18.0	70.9	79.9	44 700 *																			18.0
20.0	68.1	79.1	42 600 *																			20.0
22.0	65.1	78.2	39 300 *	69.8	79.3	44 400 *																22.0
24.0	62.1	77.2	34 500 *	66.9	78.5	42 000 *																24.0
26.0	59.0	76.0	30 800 *	64.0	77.5	37 200 *	66.8	78.1	42 300 *													26.0
28.0	55.8	74.7	27 700 *	60.9	76.5	33 000 *	63.9	77.2	37 100 *													28.0
30.0	52.5	73.3	25 100 *	57.8	75.3	29 600 *	60.8	76.1	32 900 *													30.0
32.0	49.0	71.6	22 900 *	54.5	73.9	26 700 *	57.7	74.9	29 500 *	62.6	76.0	35 300 *										32.0
34.0	45.3	69.7	21 000 *	51.1	72.4	24 300 *	54.4	73.5	26 700 *	59.5	74.9	31 400 *										34.0
36.0	41.3	67.5	19 300 *	47.6	70.6	22 200 *	51.0	72.0	24 200 *	56.3	73.6	28 300 *										36.0
38.0	37.0	65.0	17 800 *	43.8	68.6	20 400 *	47.4	70.2	22 100 *	53.0	72.2	25 600 *										38.0
40.0	32.2	62.1	16 500 *	39.7	66.3	18 800 *	43.6	68.2	20 300 *	49.6	70.5	23 300 *	54.8	72.0	26 500							40.0
42.0	26.7	58.5	15 300 *	35.3	63.7	17 300 *	39.6	65.9	18 700 *	45.9	68.7	21 400 *	51.5	70.4	24 600 *							42.0
44.0	19.7	53.7	14 300 *	30.2	60.5	16 100 *	35.1	63.3	17 300 *	42.0	66.6	19 700 *	47.9	68.7	22 400 *							44.0
46.0				24.2	56.5	14 900 *	30.0	60.1	16 100 *	37.7	64.1	18 100 *	44.1	66.8	20 600 *	49.7	68.3	21 100				46.0
48.0				16.3	50.9	13 900 *	24.0	56.0	14 900 *	33.0	61.3	16 800 *	40.1	64.5	18 900 *	46.0	66.5	20 000				48.0
50.0							15.9	50.4	13 900 *	27.6	57.8	15 600 *	35.7	61.9	17 500 *	42.1	64.4	18 900				50.0
52.0										21.0	53.2	14 500 *	30.7	58.8	16 200 *	37.9	62.0	17 900	43.9	63.8	17 000 *	52.0
54.0													24.8	54.9	15 100 *	33.2	59.1	16 900 *	39.8	61.5	16 100 *	54.0
56.0													17.1	49.5	14 000 *	27.9	55.6	15 600 *	35.3	58.9	15 200 *	56.0
58.0																21.3	51.2	14 600 *	30.3	55.7	14 400 *	58.0
60.0																			24.4	51.7	13 700 *	60.0
62.0																			16.5	46.2	13 000 *	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

36.6m (120 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.9	83.9	45 200 *																			15.2
16.0	74.9	83.7	44 500 *																			16.0
18.0	72.3	83.1	42 800 *																			18.0
20.0	69.6	82.4	41 000 *																			20.0
22.0	66.9	81.6	38 900 *																			22.0
24.0	64.1	80.6	34 900 *	68.6	81.8	40 800 *																24.0
26.0	61.3	79.6	31 100 *	65.8	80.9	37 600 *																26.0
28.0	58.4	78.4	28 000 *	63.0	79.9	33 300 *	65.7	80.6	37 500 *													28.0
30.0	55.4	77.1	25 300 *	60.2	78.8	29 900 *	62.9	79.6	33 200 *													30.0
32.0	52.2	75.6	23 100 *	57.2	77.6	26 900 *	60.1	78.5	29 800 *													32.0
34.0	49.0	73.9	21 200 *	54.2	76.2	24 500 *	57.1	77.2	26 900 *	61.8	78.4	31 800 *										34.0
36.0	45.5	72.0	19 400 *	51.0	74.7	22 300 *	54.1	75.9	24 400 *	58.9	77.3	28 500 *										36.0
38.0	41.9	69.9	17 900 *	47.7	72.9	20 500 *	50.9	74.3	22 300 *	55.9	75.9	25 800 *										38.0
40.0	37.9	67.4	16 600 *	44.2	70.9	18 900 *	47.6	72.5	20 400 *	52.8	74.5	23 500 *										40.0
42.0	33.6	64.6	15 400 *	40.4	68.7	17 500 *	44.0	70.6	18 800 *	49.5	72.8	21 500 *	54.5	74.3	24 600							42.0
44.0	28.6	61.2	14 300 *	36.3	66.1	16 200 *	40.3	68.3	17 400 *	46.1	71.0	19 800 *	51.3	72.8	22 600 *							44.0
46.0	22.8	57.0	13 400 *	31.8	63.1	15 000 *	36.2	65.7	16 200 *	42.5	68.9	18 300 *	48.0	71.0	20 700 *							46.0
48.0	14.8	50.9	11 900 *	26.6	59.5	14 000 *	31.6	62.7	15 000 *	38.6	66.5	16 900 *	44.5	69.1	19 100 *	49.6	70.6	19 700				48.0
50.0				20.1	54.7	13 000 *	26.3	59.0	14 000 *	34.3	63.8	15 700 *	40.8	66.9	17 600 *	46.2	68.8	18 700				50.0
52.0							19.8	54.2	13 000 *	29.5	60.5	14 500 *	36.7	64.3	16 300 *	42.6	66.7	17 700				52.0
54.0										23.8	56.4	13 600 *	32.2	61.4	15 100 *	38.7	64.3	16 800	44.2	66.1	15 800 *	54.0
56.0										16.3	50.8	12 700 *	27.1	57.8	14 100 *	34.5	61.6	15 800 *	40.5	63.9	14 900 *	56.0
58.0													20.8	53.1	13 200 *	29.7	58.4	14 600 *	36.4	61.3	14 200 *	58.0
60.0																24.1	54.3	13 600 *	31.9	58.3	13 400 *	60.0
62.0																16.7	48.8	12 700 *	26.7	54.7	12 700 *	62.0
64.0																			20.2	49.9	12 100 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.9	86.6	40 500 *																			16.8
18.0	73.4	86.3	39 500 *																			18.0
20.0	70.9	85.6	38 000 *																			20.0
22.0	68.4	84.9	36 400 *																			22.0
24.0	65.8	84.0	34 600 *																			24.0
26.0	63.2	83.0	31 200 *	67.4	84.3	36 300 *																26.0
28.0	60.6	81.9	28 000 *	64.9	83.4	33 700 *																28.0
30.0	57.8	80.7	25 300 *	62.2	82.3	29 900 *	64.8	83.0	33 400 *													30.0
32.0	55.0	79.4	23 000 *	59.5	81.2	26 900 *	62.1	82.0	29 800 *													32.0
34.0	52.0	77.9	21 100 *	56.7	79.9	24 400 *	59.4	80.9	26 900 *													34.0
36.0	49.0	76.2	19 400 *	53.9	78.5	22 300 *	56.6	79.6	24 400 *	61.0	80.8	28 600 *										36.0
38.0	45.7	74.3	17 800 *	50.9	77.0	20 400 *	53.8	78.2	22 200 *	58.3	79.6	25 800 *										38.0
40.0	42.3	72.2	16 500 *	47.8	75.2	18 800 *	50.8	76.6	20 300 *	55.4	78.3	23 400 *										40.0
42.0	38.7	69.8	15 300 *	44.5	73.3	17 300 *	47.6	74.8	18 700 *	52.5	76.8	21 400 *										42.0
44.0	34.7	67.1	14 200 *	41.0	71.1	16 000 *	44.4	72.9	17 300 *	49.5	75.1	19 700 *	54.1	76.6	22 500 *							44.0
46.0	30.3	63.9	13 200 *	37.2	68.6	14 900 *	40.8	70.7	16 000 *	46.3	73.3	18 100 *	51.2	75.1	20 600 *							46.0
48.0	25.1	60.0	12 300 *	33.1	65.7	13 800 *	37.1	68.1	14 800 *	42.9	71.2	16 700 *	48.1	73.3	18 900 *							48.0
50.0	18.7	55.0	11 400 *	28.4	62.2	12 900 *	32.9	65.2	13 800 *	39.3	68.9	15 500 *	44.8	71.4	17 500 *	49.6	72.9	18 400				50.0
52.0				22.9	58.0	12 000 *	28.2	61.8	12 900 *	35.4	66.3	14 400 *	41.3	69.2	16 200 *	46.4	71.1	17 500				52.0
54.0				15.6	52.1	11 100 *	22.7	57.5	12 000 *	31.1	63.1	13 400 *	37.6	66.7	15 000 *	43.1	69.0	16 600				54.0
56.0							15.3	51.5	11 200 *	26.1	59.4	12 500 *	33.5	63.9	13 900 *	39.5	66.7	15 600	44.5	68.4	14 600 *	56.0
58.0										19.9	54.6	11 700 *	28.9	60.5	13 000 *	35.6	64.1	14 500 *	41.1	66.2	13 800 *	58.0
60.0													23.5	56.4	12 100 *	31.2	61.0	13 500 *	37.3	63.7	13 100 *	60.0
62.0													16.4	50.7	11 300 *	26.3	57.3	12 500 *	33.2	60.9	12 400 *	62.0
64.0																20.2	52.5	11 700 *	28.5	57.4	11 700 *	64.0
68.0																			15.8	47.4	10 600 *	68.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.8	89.8	38 000 *																			16.8
18.0	74.4	89.5	37 100 *																			18.0
20.0	72.1	88.8	35 700 *																			20.0
22.0	69.7	88.1	34 400 *																			22.0
24.0	67.4	87.3	33 000 *																			24.0
26.0	64.9	86.4	31 100 *	68.8	87.6	34 100 *																26.0
28.0	62.5	85.4	27 900 *	66.4	86.7	32 700 *																28.0
30.0	59.9	84.3	25 200 *	64.0	85.8	29 900 *	66.3	86.4	33 300 *													30.0
32.0	57.3	83.1	22 900 *	61.5	84.7	26 800 *	63.9	85.4	29 700 *													32.0
34.0	54.6	81.7	20 900 *	58.9	83.6	24 300 *	61.4	84.4	26 700 *													34.0
36.0	51.9	80.2	19 200 *	56.3	82.3	22 100 *	58.8	83.2	24 200 *													36.0
38.0	49.0	78.5	17 700 *	53.6	80.8	20 300 *	56.2	81.9	22 100 *	60.3	83.2	25 700 *										38.0
40.0	45.9	76.6	16 400 *	50.8	79.3	18 600 *	53.5	80.5	20 200 *	57.8	81.9	23 300 *										40.0
42.0	42.8	74.6	15 200 *	47.8	77.5	17 200 *	50.7	78.9	18 600 *	55.1	80.6	21 300 *										42.0
44.0	39.4	72.2	14 100 *	44.8	75.6	15 900 *	47.7	77.1	17 100 *	52.3	79.1	19 500 *										44.0
46.0	35.7	69.6	13 100 *	41.5	73.4	14 700 *	44.6	75.2	15 800 *	49.5	77.4	18 000 *	53.8	78.9	20 500 *							46.0
48.0	31.7	66.5	12 200 *	38.0	71.0	13 700 *	41.4	73.0	14 700 *	46.5	75.6	16 600 *	51.0	77.4	18 800 *							48.0
50.0	27.1	62.9	11 400 *	34.2	68.2	12 700 *	37.9	70.6	13 700 *	43.3	73.6	15 400 *	48.1	75.6	17 300 *							50.0
52.0	21.6	58.4	10 600 *	30.0	64.9	11 900 *	34.1	67.8	12 700 *	39.9	71.3	14 300 *	45.0	73.7	16 000 *	49.6	75.2	17 300				52.0
54.0	14.3	52.1	9 400 *	25.1	61.0	11 100 *	29.8	64.5	11 900 *	36.3	68.7	13 300 *	41.8	71.6	14 900 *	46.6	73.4	16 400				54.0
56.0				19.2	56.0	10 400 *	24.9	60.6	11 100 *	32.4	65.7	12 400 *	38.3	69.1	13 800 *	43.4	71.4	15 400				56.0
58.0							18.9	55.5	10 400 *	27.9	62.2	11 500 *	34.6	66.4	12 800 *	40.1	69.1	14 300 *	44.8	70.7	13 600 *	58.0
60.0										22.6	57.9	10 800 *	30.4	63.2	12 000 *	36.5	66.5	13 300 *	41.6	68.6	12 900 *	60.0
62.0										15.7	52.0	10 100 *	25.6	59.4	11 200 *	32.5	63.6	12 400 *	38.1	66.1	12 200 *	62.0
64.0													19.8	54.5	10 500 *	28.1	60.1	11 600 *	34.3	63.4	11 600 *	64.0
68.0																16.1	50.0	10 100 *	25.2	56.2	10 400 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.0	92.6	34 600 *																			18.3
20.0	73.1	92.0	33 500 *																			20.0
22.0	70.9	91.4	32 300 *																			22.0
24.0	68.7	90.6	30 900 *																			24.0
26.0	66.4	89.8	29 300 *	70.1	90.8	32 000 *																26.0
28.0	64.1	88.8	27 500 *	67.8	90.0	30 500 *																28.0
30.0	61.8	87.8	25 000 *	65.5	89.2	29 000 *																30.0
32.0	59.3	86.7	22 700 *	63.2	88.2	26 600 *	65.5	88.8	29 500 *													32.0
34.0	56.9	85.4	20 700 *	60.8	87.1	24 100 *	63.1	87.8	26 500 *													34.0
36.0	54.3	84.0	19 000 *	58.4	85.9	21 900 *	60.8	86.7	24 000 *													36.0
38.0	51.7	82.5	17 400 *	55.9	84.6	20 000 *	58.3	85.5	21 900 *													38.0
40.0	49.0	80.8	16 100 *	53.3	83.1	18 400 *	55.8	84.2	20 000 *	59.7	85.5	23 100 *										40.0
42.0	46.1	78.9	14 900 *	50.7	81.6	16 900 *	53.2	82.8	18 300 *	57.3	84.3	21 000 *										42.0
44.0	43.1	76.9	13 800 *	47.9	79.8	15 600 *	50.6	81.2	16 900 *	54.8	82.9	19 300 *										44.0
46.0	39.9	74.6	12 800 *	45.0	77.9	14 500 *	47.8	79.4	15 600 *	52.1	81.4	17 800 *	56.1	82.7	20 300 *							46.0
48.0	36.5	72.0	12 000 *	41.9	75.7	13 400 *	44.9	77.5	14 500 *	49.4	79.7	16 400 *	53.6	81.2	18 600 *							48.0
50.0	32.8	69.1	11 100 *	38.7	73.4	12 500 *	41.8	75.4	13 400 *	46.6	77.9	15 100 *	50.9	79.7	17 100 *							50.0
52.0	28.7	65.7	10 400 *	35.2	70.7	11 600 *	38.6	73.0	12 500 *	43.6	75.9	14 000 *	48.2	77.9	15 800 *	52.2	79.2	17 100				52.0
54.0	23.9	61.5	9 700 *	31.3	67.6	10 900 *	35.0	70.2	11 600 *	40.5	73.6	13 000 *	45.3	76.0	14 600 *	49.5	77.5	16 200				54.0
56.0	18.0	56.2	8 900 *	27.0	63.9	10 100 *	31.2	67.1	10 900 *	37.1	71.1	12 100 *	42.2	73.9	13 600 *	46.7	75.7	15 200				56.0
58.0				21.8	59.4	9 400 *	26.8	63.5	10 100 *	33.5	68.3	11 300 *	39.0	71.5	12 600 *	43.8	73.7	14 100 *				58.0
60.0				15.1	53.3	8 800 *	21.6	58.9	9 400 *	29.4	64.9	10 500 *	35.5	68.9	11 700 *	40.6	71.5	13 100 *	45.1	73.1	12 600 *	60.0
62.0							14.8	52.7	8 800 *	24.8	61.0	9 900 *	31.7	65.8	10 900 *	37.3	68.9	12 200 *	42.0	70.9	11 900 *	62.0
64.0										19.1	55.9	9 200 *	27.4	62.2	10 200 *	33.6	66.1	11 300 *	38.7	68.5	11 300 *	64.0
68.0													15.8	51.9	8 900 *	25.0	58.8	9 900 *	31.4	62.8	10 200 *	68.0
72.0																			21.9	54.6	9 100 *	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

36.6m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.8	95.7	31 900 *																			18.3
20.0	74.0	95.2	31 500 *																			20.0
22.0	72.0	94.6	30 300 *																			22.0
24.0	69.9	93.9	28 900 *																			24.0
26.0	67.7	93.1	27 400 *																			26.0
28.0	65.6	92.2	26 000 *	69.0	93.3	28 500 *																28.0
30.0	63.4	91.3	24 500 *	66.9	92.5	27 100 *																30.0
32.0	61.1	90.2	22 500 *	64.7	91.6	25 600 *	66.8	92.2	28 300 *													32.0
34.0	58.8	89.0	20 500 *	62.5	90.6	23 900 *	64.7	91.2	26 400 *													34.0
36.0	56.5	87.7	18 700 *	60.3	89.5	21 700 *	62.4	90.2	23 800 *													36.0
38.0	54.1	86.3	17 200 *	57.9	88.2	19 800 *	60.2	89.1	21 600 *													38.0
40.0	51.6	84.8	15 900 *	55.6	86.9	18 200 *	57.9	87.9	19 800 *	61.5	89.0	22 900 *										40.0
42.0	49.0	83.1	14 700 *	53.1	85.5	16 700 *	55.5	86.6	18 100 *	59.2	87.9	20 800 *										42.0
44.0	46.3	81.2	13 600 *	50.6	83.9	15 400 *	53.0	85.1	16 700 *	56.9	86.6	19 100 *										44.0
46.0	43.5	79.2	12 600 *	48.0	82.1	14 300 *	50.5	83.5	15 400 *	54.5	85.2	17 500 *										46.0
48.0	40.5	77.0	11 700 *	45.2	80.2	13 200 *	47.9	81.7	14 200 *	52.0	83.7	16 100 *	55.8	85.0	18 300 *							48.0
50.0	37.3	74.4	10 900 *	42.3	78.1	12 300 *	45.1	79.8	13 200 *	49.4	82.0	14 900 *	53.3	83.5	16 900 *							50.0
52.0	33.9	71.6	10 200 *	39.3	75.7	11 400 *	42.2	77.7	12 200 *	46.7	80.2	13 800 *	50.8	82.0	15 600 *							52.0
54.0	30.1	68.3	9 500 *	36.0	73.1	10 600 *	39.2	75.3	11 400 *	43.9	78.2	12 800 *	48.2	80.2	14 400 *	52.1	81.5	16 000				54.0
56.0	25.8	64.5	8 800 *	32.5	70.1	9 900 *	35.9	72.7	10 600 *	41.0	76.0	11 900 *	45.5	78.3	13 300 *	49.5	79.8	15 000				56.0
58.0	20.7	59.8	8 300 *	28.5	66.7	9 200 *	32.3	69.7	9 900 *	37.8	73.5	11 100 *	42.6	76.2	12 400 *	46.8	78.0	13 800 *				58.0
60.0	13.9	53.2	7 300 *	24.0	62.5	8 600 *	28.4	66.2	9 200 *	34.4	70.8	10 300 *	39.6	73.9	11 500 *	44.0	76.0	12 800 *				60.0
62.0				18.4	57.3	8 100 *	23.8	62.1	8 600 *	30.7	67.6	9 600 *	36.3	71.3	10 700 *	41.1	73.8	12 000 *	45.3	75.4	11 600 *	62.0
64.0				10.2	49.2	7 200 *	18.2	56.7	8 000 *	26.5	63.9	9 000 *	32.8	68.4	10 000 *	38.0	71.3	11 100 *	42.4	73.3	11 000 *	64.0
68.0										15.2	53.2	7 800 *	24.4	60.9	8 700 *	30.9	65.4	9 700 *	36.1	68.3	9 900 *	68.0
72.0																21.8	57.2	8 400 *	28.6	61.9	8 800 *	72.0
76.0																			18.5	52.5	7 900 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	75.0	98.5	28 500 *																			19.8
20.0	74.8	98.4	28 500 *																			20.0
22.0	72.9	97.8	28 000 *																			22.0
24.0	70.9	97.1	26 800 *																			24.0
26.0	68.9	96.4	25 400 *																			26.0
28.0	66.9	95.6	24 000 *	70.1	96.6	26 300 *																28.0
30.0	64.8	94.7	22 600 *	68.1	95.8	25 000 *																30.0
32.0	62.7	93.7	21 200 *	66.1	94.9	23 600 *																32.0
34.0	60.6	92.6	19 800 *	64.0	94.0	22 200 *	66.0	94.6	24 500 *													34.0
36.0	58.4	91.4	18 500 *	61.9	93.0	20 800 *	63.9	93.6	23 000 *													36.0
38.0	56.1	90.1	17 000 *	59.7	91.8	19 500 *	61.8	92.6	21 400 *													38.0
40.0	53.8	88.6	15 600 *	57.5	90.6	17 900 *	59.6	91.5	19 500 *													40.0
42.0	51.4	87.1	14 400 *	55.2	89.2	16 500 *	57.4	90.2	17 900 *	60.9	91.4	20 600 *										42.0
44.0	49.0	85.4	13 300 *	52.9	87.8	15 200 *	55.2	88.9	16 400 *	58.7	90.2	18 800 *										44.0
46.0	46.4	83.6	12 300 *	50.5	86.2	14 000 *	52.8	87.4	15 100 *	56.5	88.9	17 300 *										46.0
48.0	43.7	81.5	11 500 *	48.0	84.4	13 000 *	50.4	85.8	14 000 *	54.2	87.5	15 900 *										48.0
50.0	40.9	79.3	10 600 *	45.4	82.5	12 000 *	47.9	84.0	12 900 *	51.8	86.0	14 600 *	55.5	87.3	16 600 *							50.0
52.0	37.9	76.8	9 900 *	42.7	80.4	11 200 *	45.3	82.1	12 000 *	49.4	84.3	13 600 *	53.1	85.8	15 300 *							52.0
54.0	34.7	74.1	9 200 *	39.8	78.1	10 400 *	42.6	80.0	11 200 *	46.8	82.5	12 600 *	50.7	84.3	14 100 *							54.0
56.0	31.3	71.0	8 600 *	36.8	75.5	9 700 *	39.7	77.7	10 300 *	44.2	80.5	11 600 *	48.2	82.5	13 100 *							56.0
58.0	27.4	67.3	8 000 *	33.5	72.7	9 000 *	36.6	75.1	9 600 *	41.4	78.4	10 800 *	45.7	80.6	12 100 *	49.5	82.1	13 600 *				58.0
60.0	22.9	63.0	7 500 *	29.8	69.4	8 400 *	33.3	72.2	9 000 *	38.5	75.9	10 000 *	42.9	78.6	11 300 *	46.9	80.3	12 600 *				60.0
62.0	17.3	57.4	6 900 *	25.8	65.5	7 800 *	29.7	68.9	8 300 *	35.3	73.2	9 400 *	40.1	76.3	10 500 *	44.3	78.3	11 700 *				62.0
64.0	8.7	48.5	5 600 *	20.9	60.8	7 300 *	25.6	65.0	7 800 *	31.9	70.2	8 700 *	37.0	73.7	9 800 *	41.5	76.2	10 800 *	45.5	77.7	10 700 *	64.0
68.0							14.4	53.8	6 800 *	23.7	62.5	7 600 *	30.2	67.6	8 500 *	35.4	71.1	9 400 *	39.9	73.3	9 500 *	68.0
72.0													21.4	59.2	7 300 *	28.2	64.5	8 200 *	33.5	67.8	8 500 *	72.0
76.0																18.6	55.1	7 100 *	25.8	60.7	7 600 *	76.0
80.0																			14.8	49.7	6 800 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	67.9	62.3	75 000 *b																			12.2
14.0	62.5	61.5	68 500 *b																			14.0
16.0	56.2	60.2	60 100 *b																			16.0
18.0	49.3	58.6	50 200 *	61.0	60.9	66 100 *b																18.0
20.0	41.6	56.6	43 400 *	54.5	59.5	57 000 *b	61.2	60.6	68 000 *b													20.0
22.0	32.5	53.8	38 000 *	47.5	57.9	48 400 *	54.8	59.3	57 800 *b													22.0
24.0	19.8	49.6	33 800 *	39.5	55.7	42 000 *	47.8	57.6	48 800 *	59.4	59.4	54 200 b										24.0
26.0							39.9	55.5	42 400 *	52.9	58.0	49 000										26.0
28.0					29.8	36 900 *	30.3	52.5	37 300 *	45.7	56.3	44 700										28.0
30.0							16.0	47.6	33 100 *	37.4	53.9	40 600	50.6	56.4	39 500							30.0
32.0										27.0	50.6	36 000 *	43.1	54.5	36 400							32.0
34.0													34.3	51.9	33 800	47.8	54.4	32 500				34.0
36.0													22.6	48.0	31 500	39.9	52.2	30 200				36.0
38.0																30.3	49.2	28 200				38.0
40.0																			35.9	49.3	25 400	40.0
42.0																			24.9	45.8	23 800	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	70.8	65.6	72 300 *b																			12.2
14.0	66.2	64.9	67 000 *b																			14.0
16.0	60.9	63.8	59 600 *b																			16.0
18.0	55.3	62.5	50 600 *	64.9	64.3	64 600 *b																18.0
20.0	49.3	60.9	43 600 *	59.5	63.2	57 500 *b	65.1	64.0	66 300 *b													20.0
22.0	42.6	58.9	38 200 *	53.8	61.9	48 600 *	59.8	62.9	58 400 *b													22.0
24.0	35.0	56.4	33 900 *	47.7	60.2	42 200 *	54.1	61.6	49 100 *													24.0
26.0	25.3	52.8	30 400 *	40.8	58.0	37 100 *	48.0	59.9	42 500 *	58.2	61.8	48 800										26.0
28.0				32.8	55.3	33 000 *	41.2	57.8	37 400 *	52.4	60.3	44 500										28.0
30.0				22.3	51.3	29 700 *	33.2	55.1	33 300 *	46.1	58.6	40 600										30.0
32.0							22.9	51.2	29 900 *	39.0	56.3	36 200 *	50.4	58.7	36 200							32.0
34.0										30.6	53.3	32 200 *	43.9	56.8	33 600							34.0
36.0										18.9	48.8	29 000 *	36.4	54.3	31 200	48.0	56.7	29 900				36.0
38.0													27.3	51.0	29 200	41.2	54.6	28 000				38.0
40.0																33.2	51.8	26 200				40.0
42.0																22.9	47.9	24 600	45.0	54.1	25 100	42.0
44.0																			37.8 29.0	51.8 48.6	23 600 22 200	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	73.0	68.8	69 700 *b																			12.2
14.0	69.0	68.2	64 900 *b																			14.0
16.0	64.4	67.3	58 900 *b																			16.0
18.0	59.6	66.2	51 000 *	67.9	67.7	63 000 *b																18.0
20.0	54.6	64.8	43 800 *	63.2	66.7	57 400 *																20.0
22.0	49.2	63.2	38 300 *	58.4	65.6	48 900 *	63.4	66.4	58 300 *b													22.0
24.0	43.4	61.3	34 000 *	53.3	64.2	42 300 *	58.6	65.3	49 300 *													24.0
26.0	36.8	58.8	30 500 *	47.8	62.5	37 200 *	53.5	63.9	42 700 *	62.1	65.3	48 600										26.0
28.0	28.9	55.6	27 500 *	41.8	60.4	33 100 *	48.1	62.2	37 500 *	57.2	64.1	44 300										28.0
30.0	18.0	50.8	25 000 *	35.0	57.8	29 700 *	42.1	60.2	33 300 *	52.0	62.6	40 600										30.0
32.0				26.6	54.3	26 900 *	35.3	57.6	29 900 *	46.4	60.9	36 200 *	55.5	62.6	36 000							32.0
34.0							27.0	54.2	27 100 *	40.2	58.7	32 300 *	50.2	61.0	33 300							34.0
36.0							14.8	48.7	24 600 *	33.1	55.9	29 100 *	44.5	59.1	31 100							36.0
38.0										24.1	52.1	26 300 *	38.0	56.8	29 000	48.1	59.0	27 800				38.0
40.0													30.4	53.7	27 200	42.1	56.9	26 000				40.0
42.0													20.4	49.4	25 400	35.3	54.3	24 500	45.5	56.4	23 400	42.0
44.0																27.0	50.9	23 100	39.2	54.2	22 000	44.0
46.0																			31.8	51.3	20 800	46.0
48.0																			22.4	47.2	19 700	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.7	72.0	66 900 *b																			12.2
14.0	71.2	71.4	62 700 *b																			14.0
16.0	67.1	70.6	57 900 *b																			16.0
18.0	63.0	69.7	51 000 *																			18.0
20.0	58.6	68.5	43 800 *	66.1	70.1	56 300 *																20.0
22.0	54.1	67.2	38 300 *	61.9	69.1	49 100 *	66.3	69.8	57 600 *													22.0
24.0	49.2	65.5	34 000 *	57.5	67.9	42 300 *	62.1	68.8	49 800 *													24.0
26.0	44.0	63.6	30 400 *	52.9	66.5	37 200 *	57.7	67.6	42 900 *													26.0
28.0	38.2	61.2	27 500 *	48.0	64.8	33 000 *	53.1	66.2	37 600 *	60.8	67.7	44 100										28.0
30.0	31.5	58.3	24 900 *	42.6	62.7	29 700 *	48.2	64.5	33 400 *	56.4	66.4	40 400										30.0
32.0	23.0	54.3	22 800 *	36.6	60.3	26 800 *	42.8	62.5	30 000 *	51.7	65.0	36 300										32.0
34.0				29.6	57.1	24 400 *	36.9	60.0	27 100 *	46.7	63.2	32 400 *	54.9	64.9	33 100							34.0
36.0				20.4	52.7	22 300 *	29.9	56.9	24 600 *	41.2	61.1	29 100 *	50.1	63.3	30 800							36.0
38.0							20.9	52.6	22 500 *	35.0	58.4	26 400 *	44.9	61.4	28 800							38.0
40.0										27.6	55.0	24 000 *	39.3	59.2	27 000	48.2	61.3	25 800				40.0
42.0										17.5	50.0	22 000 *	32.7	56.3	25 300	42.8	59.2	24 200				42.0
44.0													24.7	52.6	23 400 *	36.9	56.8	22 800				44.0
46.0																29.9	53.7	21 500	40.3	56.5	20 500	46.0
48.0																20.9	49.3	20 300	33.9	53.8	19 400	48.0
50.0																			26.2	50.3	18 400	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	73.5	74.7	60 600 *b																			13.7
14.0	73.0	74.7	60 000 *b																			14.0
16.0	69.3	73.9	55 900 *																			16.0
18.0	65.6	73.1	51 500 *																			18.0
20.0	61.8	72.1	45 000 *	68.4	73.4	54 700 *																20.0
22.0	57.8	70.9	39 400 *	64.7	72.5	50 100 *																22.0
24.0	53.6	69.5	34 900 *	60.8	71.5	43 600 *	64.8	72.2	50 700 *													24.0
26.0	49.2	67.8	31 200 *	56.8	70.2	38 200 *	61.0	71.2	43 800 *													26.0
28.0	44.5	65.9	28 200 *	52.5	68.8	33 900 *	56.9	70.0	38 500 *													28.0
30.0	39.3	63.6	25 600 *	48.1	67.1	30 400 *	52.7	68.5	34 100 *	59.8	70.1	40 200										30.0
32.0	33.4	60.8	23 400 *	43.2	65.1	27 500 *	48.3	66.8	30 600 *	55.8	68.8	37 100										32.0
34.0	26.4	57.3	21 500 *	37.9	62.7	25 000 *	43.4	64.8	27 600 *	51.5	67.3	33 100 *										34.0
36.0	16.8	52.0	19 500 *	31.8	59.7	22 900 *	38.1	62.5	25 200 *	46.9	65.5	29 700 *	54.4	67.2	30 600							36.0
38.0				24.4	55.9	21 000 *	32.1	59.5	23 000 *	42.0	63.4	26 900 *	50.0	65.6	28 600							38.0
40.0							24.7	55.7	21 200 *	36.5	60.9	24 500 *	45.3	63.7	26 700							40.0
42.0							14.1	49.8	19 400 *	30.1	57.8	22 500 *	40.2	61.5	25 100	48.3	63.6	24 000				42.0
44.0										22.2	53.6	20 700 *	34.5	58.9	23 700	43.4	61.6	22 600				44.0
46.0													27.8	55.5	21 900 *	38.1	59.2	21 300	46.1	61.1	20 300	46.0
48.0													18.9	50.7	20 100 *	32.1	56.3	20 200	41.1	58.9	19 200	48.0
50.0																24.7	52.5	19 100	35.5	56.3	18 200	50.0
52.0																			29.0	53.1	17 200	52.0
54.0																			20.7	48.6	16 400	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.9	77.9	56 600 *b																			13.7
14.0	74.4	77.8	56 200 *b																			14.0
16.0	71.1	77.2	53 500 *																			16.0
18.0	67.8	76.4	50 300 *																			18.0
20.0	64.3	75.5	44 900 *	70.3	76.7	52 900 *																20.0
22.0	60.8	74.4	39 200 *	66.9	75.9	49 300 *																22.0
24.0	57.1	73.2	34 700 *	63.4	74.9	43 500 *																24.0
26.0	53.2	71.8	31 000 *	59.9	73.8	38 000 *	63.6	74.7	43 700 *													26.0
28.0	49.2	70.1	28 000 *	56.1	72.6	33 700 *	60.0	73.6	38 300 *													28.0
30.0	44.9	68.2	25 400 *	52.3	71.1	30 200 *	56.3	72.3	34 000 *													30.0
32.0	40.2	66.0	23 200 *	48.1	69.4	27 300 *	52.4	70.8	30 400 *	59.0	72.4	36 800										32.0
34.0	34.9	63.3	21 300 *	43.7	67.4	24 800 *	48.3	69.1	27 500 *	55.2	71.1	32 900 *										34.0
36.0	28.9	60.1	19 600 *	38.9	65.1	22 700 *	43.9	67.2	25 000 *	51.3	69.6	29 600 *										36.0
38.0	21.4	55.7	18 100 *	33.5	62.3	20 900 *	39.1	64.8	22 800 *	47.1	67.8	26 700 *	53.9	69.5	28 300							38.0
40.0				27.2	58.8	19 200 *	33.8	62.1	21 000 *	42.6	65.7	24 300 *	49.9	67.9	26 500							40.0
42.0				19.0	54.0	17 800 *	27.5	58.6	19 300 *	37.7	63.3	22 300 *	45.6	66.1	24 900							42.0
44.0							19.5	53.9	17 900 *	32.1	60.4	20 500 *	41.0	63.9	23 400	48.3	65.9	22 300				44.0
46.0										25.5	56.6	18 900 *	35.9	61.3	21 700 *	43.9	63.9	21 100				46.0
48.0										16.4	51.2	17 500 *	30.1	58.2	20 000 *	39.1	61.6	19 900	46.4	63.4	18 900	48.0
50.0													22.9	54.0	18 400 *	33.8	58.8	18 900	41.8	61.3	17 900	50.0
52.0																27.5	55.4	17 900	36.8	58.8	17 000	52.0
54.0																19.5	50.6	17 000	31.1	55.7	16 100 *	54.0
56.0																			24.2	51.8	15 200 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	73.8	80.6	50 500 *																			15.2
16.0	72.6	80.4	49 600 *																			16.0
18.0	69.6	79.7	47 400 *																			18.0
20.0	66.4	78.9	45 100 *																			20.0
22.0	63.2	77.9	39 500 *	68.8	79.2	47 400 *																22.0
24.0	59.9	76.8	34 900 *	65.6	78.3	43 800 *																24.0
26.0	56.5	75.5	31 200 *	62.4	77.3	38 300 *	65.8	78.0	44 000 *													26.0
28.0	52.9	74.1	28 100 *	59.1	76.2	33 900 *	62.5	77.0	38 500 *													28.0
30.0	49.2	72.4	25 500 *	55.6	74.9	30 400 *	59.2	75.9	34 200 *													30.0
32.0	45.2	70.5	23 200 *	52.0	73.4	27 400 *	55.8	74.6	30 600 *	61.6	75.9	36 700										32.0
34.0	40.9	68.4	21 300 *	48.2	71.7	24 900 *	52.2	73.1	27 600 *	58.2	74.8	33 100 *										34.0
36.0	36.2	65.8	19 600 *	44.2	69.7	22 700 *	48.4	71.4	25 100 *	54.7	73.4	29 700 *										36.0
38.0	30.9	62.7	18 100 *	39.8	67.5	20 900 *	44.3	69.5	22 900 *	51.1	71.9	26 800 *										38.0
40.0	24.5	58.8	16 800 *	35.0	64.8	19 300 *	40.0	67.2	21 000 *	47.2	70.1	24 400 *	53.6	71.8	26 400							40.0
42.0	16.0	53.2	15 400 *	29.4	61.5	17 800 *	35.2	64.6	19 300 *	43.1	68.1	22 300 *	49.8	70.2	24 800							42.0
44.0				22.7	57.3	16 500 *	29.7	61.3	17 900 *	38.6	65.7	20 500 *	45.9	68.4	23 400							44.0
46.0							23.0	57.2	16 600 *	33.7	62.9	18 900 *	41.7	66.2	21 700 *	48.4	68.2	21 000				46.0
48.0							13.5	50.9	15 300 *	27.9	59.5	17 500 *	37.1	63.8	20 000 *	44.3	66.2	19 800				48.0
50.0										20.7	54.9	16 300 *	31.9	60.8	18 400 *	40.0	64.0	18 700				50.0
52.0													25.8	57.1	17 100 *	35.2	61.3	17 800	42.4	63.6	16 900 *	52.0
54.0													17.8	51.9	15 900 *	29.7	58.1	16 900	37.9	61.2	15 900 *	54.0
56.0																23.0	54.0	16 100	32.8	58.3	15 100 *	56.0
58.0																			26.9	54.7	14 300 *	58.0
60.0																			19.4	49.9	13 600 *	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.0	83.8	47 200 *																			15.2
16.0	73.9	83.6	46 400 *																			16.0
18.0	71.1	83.0	44 400 *																			18.0
20.0	68.2	82.2	42 500 *																			20.0
22.0	65.3	81.3	39 700 *																			22.0
24.0	62.3	80.3	34 700 *	67.5	81.7	42 600 *																24.0
26.0	59.2	79.2	31 000 *	64.5	80.8	38 100 *	67.6	81.4	43 900 *													26.0
28.0	56.0	77.9	27 900 *	61.5	79.7	33 700 *	64.7	80.5	38 300 *													28.0
30.0	52.6	76.4	25 300 *	58.4	78.5	30 200 *	61.6	79.4	33 900 *													30.0
32.0	49.2	74.7	23 000 *	55.2	77.2	27 200 *	58.5	78.3	30 300 *													32.0
34.0	45.5	72.9	21 100 *	51.8	75.7	24 700 *	55.3	76.9	27 400 *	60.8	78.3	32 900 *										34.0
36.0	41.5	70.7	19 400 *	48.3	74.0	22 600 *	51.9	75.4	24 800 *	57.6	77.1	29 500 *										36.0
38.0	37.2	68.2	17 900 *	44.5	72.0	20 700 *	48.4	73.7	22 600 *	54.3	75.7	26 600 *										38.0
40.0	32.5	65.3	16 600 *	40.5	69.8	19 000 *	44.7	71.8	20 800 *	50.9	74.2	24 200 *	56.5	75.6	26 100							40.0
42.0	27.0	61.7	15 400 *	36.1	67.2	17 600 *	40.7	69.6	19 100 *	47.4	72.4	22 100 *	53.2	74.1	24 600							42.0
44.0	20.1	57.0	14 300 *	31.2	64.2	16 300 *	36.3	67.0	17 700 *	43.6	70.4	20 300 *	49.8	72.5	23 100							44.0
46.0				25.4	60.4	15 100 *	31.4	64.0	16 400 *	39.5	68.1	18 700 *	46.1	70.7	21 500 *	51.9	72.2	20 700				46.0
48.0				18.0	55.2	14 100 *	25.7	60.2	15 200 *	35.0	65.4	17 300 *	42.3	68.6	19 800 *	48.4	70.5	19 500				48.0
50.0							18.4	55.1	14 200 *	29.9	62.2	16 000 *	38.0	66.2	18 200 *	44.7	68.5	18 500				50.0
52.0										23.8	58.2	14 900 *	33.4	63.3	16 900 *	40.7	66.3	17 600	46.8	68.0	16 600 *	52.0
54.0										15.7	52.4	13 900 *	28.0	59.9	15 700 *	36.3	63.8	16 700	42.9	65.9	15 600 *	54.0
56.0													21.5	55.4	14 600 *	31.4	60.7	15 800	38.8	63.6	14 800 *	56.0
58.0																25.7	57.0	15 100	34.2	60.8	14 000 *	58.0
60.0																18.4	51.9	14 200 *	29.0	57.5	13 300 *	60.0
62.0																			22.7	53.3	12 600 *	62.0
64.0																			13.9	47.0	11 900 *	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	76.0	87.0	44 700 *																			15.2
16.0	75.0	86.8	44 100 *																			16.0
18.0	72.4	86.2	42 400 *																			18.0
20.0	69.7	85.5	40 800 *																			20.0
22.0	67.0	84.7	38 900 *																			22.0
24.0	64.3	83.7	35 200 *	69.1	85.0	40 800 *																24.0
26.0	61.4	82.7	31 300 *	66.3	84.1	38 600 *																26.0
28.0	58.5	81.5	28 100 *	63.6	83.2	34 100 *	66.5	83.8	38 800 *													28.0
30.0	55.5	80.2	25 500 *	60.7	82.1	30 500 *	63.7	82.9	34 300 *													30.0
32.0	52.4	78.7	23 200 *	57.8	80.9	27 400 *	60.8	81.8	30 600 *													32.0
34.0	49.1	77.0	21 200 *	54.8	79.5	24 900 *	57.9	80.6	27 600 *													34.0
36.0	45.7	75.2	19 500 *	51.6	78.0	22 700 *	54.9	79.2	25 000 *	60.0	80.7	29 800 *										36.0
38.0	42.1	73.0	18 000 *	48.3	76.3	20 800 *	51.7	77.7	22 800 *	57.1	79.4	26 800 *										38.0
40.0	38.1	70.6	16 700 *	44.8	74.4	19 200 *	48.5	76.0	20 900 *	54.0	78.0	24 400 *										40.0
42.0	33.8	67.8	15 500 *	41.1	72.2	17 700 *	45.0	74.1	19 300 *	50.8	76.5	22 300 *	56.1	77.9	24 300							42.0
44.0	28.9	64.5	14 400 *	37.1	69.7	16 400 *	41.3	71.9	17 800 *	47.5	74.7	20 400 *	53.0	76.4	22 900							44.0
46.0	23.1	60.3	13 400 *	32.7	66.7	15 200 *	37.3	69.4	16 500 *	43.9	72.7	18 800 *	49.7	74.8	21 600							46.0
48.0	15.3	54.4	12 100 *	27.6	63.2	14 200 *	32.9	66.5	15 300 *	40.2	70.5	17 400 *	46.3	73.0	19 900 *	51.7	74.5	19 300				48.0
50.0				21.4	58.7	13 200 *	27.8	63.1	14 200 *	36.1	67.9	16 100 *	42.7	70.9	18 300 *	48.5	72.8	18 300				50.0
52.0							21.7	58.6	13 300 *	31.5	64.8	15 000 *	38.9	68.6	17 000 *	45.0	70.8	17 300				52.0
54.0							13.1	52.0	12 200 *	26.2	61.1	14 000 *	34.6	65.8	15 700 *	41.3	68.7	16 500				54.0
56.0										19.6	56.3	13 000 *	29.9	62.6	14 600 *	37.3	66.2	15 600	43.4	68.2	14 500 *	56.0
58.0													24.2	58.6	13 700 *	32.9	63.3	14 900	39.5	65.9	13 700 *	58.0
60.0													16.9	53.1	12 700 *	27.8	59.8	14 100	35.4	63.3	13 000 *	60.0
62.0																21.7	55.4	13 300 *	30.7	60.2	12 400 *	62.0
64.0																13.1	48.8	12 400 *	25.3	56.3	11 700 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.0	89.7	40 100 *																			16.8
18.0	73.5	89.4	39 200 *																			18.0
20.0	71.1	88.7	37 700 *																			20.0
22.0	68.5	88.0	36 200 *																			22.0
24.0	66.0	87.1	34 700 *																			24.0
26.0	63.4	86.1	31 400 *	67.9	87.4	36 300 *																26.0
28.0	60.7	85.0	28 200 *	65.3	86.6	34 500 *																28.0
30.0	58.0	83.8	25 500 *	62.7	85.6	30 500 *	65.5	86.3	34 500 *													30.0
32.0	55.1	82.5	23 200 *	60.0	84.4	27 500 *	62.8	85.3	30 700 *													32.0
34.0	52.2	81.0	21 200 *	57.3	83.2	24 900 *	60.1	84.2	27 600 *													34.0
36.0	49.1	79.3	19 400 *	54.4	81.8	22 700 *	57.4	82.9	25 000 *													36.0
38.0	45.9	77.5	17 900 *	51.4	80.3	20 700 *	54.5	81.6	22 800 *	59.4	83.0	26 900 *										38.0
40.0	42.5	75.4	16 500 *	48.4	78.6	19 100 *	51.6	80.0	20 800 *	56.6	81.8	24 300 *										40.0
42.0	38.9	73.0	15 300 *	45.1	76.7	17 600 *	48.5	78.3	19 100 *	53.7	80.3	22 200 *										42.0
44.0	34.9	70.3	14 200 *	41.6	74.5	16 300 *	45.2	76.4	17 600 *	50.7	78.8	20 300 *	55.6	80.2	22 600							44.0
46.0	30.5	67.1	13 200 *	37.9	72.1	15 100 *	41.8	74.3	16 300 *	47.6	77.0	18 700 *	52.7	78.7	21 300							46.0
48.0	25.4	63.3	12 400 *	33.9	69.3	14 000 *	38.1	71.9	15 100 *	44.3	75.0	17 200 *	49.7	77.1	19 900 *							48.0
50.0	19.1	58.3	11 500 *	29.3	66.0	13 100 *	34.1	69.1	14 100 *	40.8	72.8	16 000 *	46.5	75.3	18 200 *							50.0
52.0				24.0	61.9	12 200 *	29.5	65.8	13 100 *	37.0	70.3	14 800 *	43.1	73.2	16 800 *	48.5	75.1	17 100				52.0
54.0				17.2	56.4	11 300 *	24.3	61.8	12 200 *	32.8	67.4	13 800 *	39.6	70.9	15 600 *	45.2	73.2	16 200				54.0
56.0							17.5	56.4	11 400 *	28.1	63.9	12 900 *	35.7	68.3	14 500 *	41.8	71.0	15 400				56.0
58.0										22.5	59.6	12 000 *	31.4	65.2	13 500 *	38.1	68.6	14 600	43.7	70.6	13 400 *	58.0
60.0										15.1	53.6	11 200 *	26.4	61.5	12 600 *	34.1	65.8	13 900	40.2	68.3	12 600 *	60.0
62.0													20.4	56.8	11 700 *	29.6	62.5	13 200 *	36.3	65.7	12 000 *	62.0
64.0													11.6	49.6	11 000 *	24.3	58.5	12 200 *	32.1	62.7	11 400 *	64.0
68.0																			21.5	54.7	10 200 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.9	92.9	37 600 *																			16.8
18.0	74.5	92.5	36 800 *																			18.0
20.0	72.2	91.9	35 500 *																			20.0
22.0	69.9	91.2	34 200 *																			22.0
24.0	67.5	90.4	32 800 *																			24.0
26.0	65.1	89.5	31 300 *	69.3	90.7	34 100 *																26.0
28.0	62.6	88.5	28 000 *	66.9	89.9	32 900 *																28.0
30.0	60.1	87.4	25 300 *	64.5	89.0	30 600 *																30.0
32.0	57.5	86.2	23 000 *	62.0	87.9	27 400 *	64.6	88.7	30 600 *													32.0
34.0	54.8	84.8	21 000 *	59.4	86.8	24 700 *	62.1	87.7	27 500 *													34.0
36.0	52.0	83.3	19 300 *	56.8	85.5	22 500 *	59.5	86.5	24 900 *													36.0
38.0	49.1	81.6	17 800 *	54.1	84.1	20 600 *	56.9	85.3	22 600 *													38.0
40.0	46.1	79.8	16 400 *	51.3	82.6	18 900 *	54.2	83.9	20 700 *	58.8	85.4	24 200 *										40.0
42.0	42.9	77.7	15 200 *	48.4	80.9	17 400 *	51.4	82.3	19 000 *	56.1	84.1	22 100 *										42.0
44.0	39.5	75.4	14 100 *	45.3	79.0	16 100 *	48.5	80.6	17 500 *	53.4	82.6	20 200 *										44.0
46.0	35.9	72.8	13 100 *	42.1	76.9	14 900 *	45.5	78.7	16 200 *	50.6	81.1	18 600 *	55.3	82.5	21 200 *							46.0
48.0	31.9	69.7	12 200 *	38.7	74.5	13 800 *	42.3	76.6	15 000 *	47.7	79.3	17 100 *	52.5	81.1	19 700 *							48.0
50.0	27.3	66.2	11 400 *	34.9	71.8	12 900 *	38.8	74.2	13 900 *	44.6	77.3	15 800 *	49.6	79.4	18 100 *							50.0
52.0	22.0	61.7	10 700 *	30.8	68.6	12 000 *	35.1	71.5	13 000 *	41.3	75.2	14 700 *	46.7	77.6	16 700 *	51.4	79.1	16 900 *				52.0
54.0	14.8	55.5	9 600 *	26.1	64.8	11 200 *	31.0	68.4	12 100 *	37.8	72.7	13 600 *	43.5	75.6	15 500 *	48.5	77.4	16 000 *				54.0
56.0				20.4	60.1	10 500 *	26.3	64.7	11 300 *	34.0	69.9	12 700 *	40.2	73.3	14 300 *	45.5	75.5	15 200 *				56.0
58.0							20.7	60.0	10 500 *	29.7	66.6	11 800 *	36.6	70.7	13 300 *	42.3	73.4	14 500 *	47.2	74.9	13 200 *	58.0
60.0							12.8	53.1	9 700 *	24.8	62.7	11 100 *	32.6	67.8	12 400 *	38.8	71.0	13 800 *	44.1	72.9	12 500 *	60.0
62.0										18.7	57.6	10 300 *	28.2	64.3	11 600 *	35.1	68.3	13 000 *	40.7	70.7	11 800 *	62.0
64.0										9.3	49.3	9 700 *	23.0	60.1	10 800 *	31.0	65.2	12 100 *	37.2	68.2	11 200 *	64.0
68.0																20.7	56.7	10 600 *	29.0	61.9	10 100 *	68.0
72.0																17.6	52.4	9 100 *	17.6	52.4	9 100 *	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.1	95.6	34 300 *																			18.3
20.0	73.2	95.1	33 300 *																			20.0
22.0	71.0	94.5	32 100 *																			22.0
24.0	68.8	93.7	30 800 *																			24.0
26.0	66.5	92.9	29 300 *	70.5	94.0	31 900 *																26.0
28.0	64.2	91.9	27 600 *	68.2	93.2	30 700 *																28.0
30.0	61.9	90.9	25 100 *	66.0	92.3	29 100 *																30.0
32.0	59.5	89.8	22 800 *	63.7	91.4	27 100 *	66.1	92.1	30 300 *													32.0
34.0	57.0	88.5	20 800 *	61.3	90.3	24 500 *	63.7	91.1	27 200 *													34.0
36.0	54.5	87.1	19 100 *	58.9	89.2	22 300 *	61.4	90.0	24 600 *													36.0
38.0	51.8	85.6	17 500 *	56.4	87.9	20 400 *	59.0	88.9	22 400 *													38.0
40.0	49.1	83.9	16 200 *	53.8	86.5	18 700 *	56.5	87.6	20 500 *	60.7	88.9	24 000 *										40.0
42.0	46.3	82.1	15 000 *	51.2	84.9	17 200 *	53.9	86.2	18 800 *	58.3	87.7	21 800 *										42.0
44.0	43.3	80.0	13 900 *	48.4	83.2	15 900 *	51.3	84.6	17 300 *	55.8	86.4	19 900 *										44.0
46.0	40.1	77.8	12 900 *	45.5	81.3	14 700 *	48.5	82.9	15 900 *	53.2	85.0	18 300 *	57.5	86.2	20 900							46.0
48.0	36.7	75.2	12 000 *	42.5	79.2	13 600 *	45.7	81.0	14 800 *	50.5	83.4	16 900 *	54.9	84.9	19 400 *							48.0
50.0	33.0	72.3	11 200 *	39.3	76.8	12 700 *	42.7	78.9	13 700 *	47.7	81.6	15 600 *	52.3	83.4	17 800 *							50.0
52.0	28.9	68.9	10 400 *	35.8	74.2	11 800 *	39.4	76.6	12 700 *	44.8	79.7	14 500 *	49.6	81.7	16 400 *							52.0
54.0	24.2	64.8	9 700 *	32.1	71.2	11 000 *	36.0	74.0	11 800 *	41.8	77.5	13 400 *	46.8	79.9	15 200 *	51.3	81.4	15 800				54.0
56.0	18.3	59.6	9 000 *	27.8	67.7	10 200 *	32.2	71.0	11 000 *	38.5	75.1	12 500 *	43.8	77.9	14 100 *	48.5	79.7	15 000				56.0
58.0				22.9	63.4	9 600 *	28.0	67.5	10 300 *	35.0	72.4	11 600 *	40.7	75.7	13 100 *	45.7	77.8	14 300				58.0
60.0				16.6	57.7	8 900 *	23.1	63.2	9 600 *	31.1	69.3	10 800 *	37.4	73.2	12 200 *	42.7	75.7	13 500				60.0
62.0							16.9	57.6	9 000 *	26.7	65.6	10 100 *	33.7	70.3	11 400 *	39.5	73.4	12 800 *	44.3	75.2	11 500 *	62.0
64.0							5.8	47.3	7 900 *	21.5	61.0	9 400 *	29.7	67.0	10 600 *	36.0	70.7	11 900 *	41.2	73.0	10 900 *	64.0
68.0													19.5	58.1	9 300 *	28.0	64.2	10 300 *	34.4	67.8	9 800 *	68.0
72.0																16.9	54.4	9 000 *	25.9	60.8	8 800 *	72.0
76.0																			13.2	49.3	7 800 *	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

39.6m (130 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.9	98.8	31 400 *																			18.3
20.0	74.1	98.3	31 100 *																			20.0
22.0	72.1	97.7	30 100 *																			22.0
24.0	70.0	97.0	28 700 *																			24.0
26.0	67.8	96.2	27 400 *																			26.0
28.0	65.7	95.3	25 900 *	69.4	96.5	28 500 *																28.0
30.0	63.5	94.4	24 500 *	67.3	95.7	27 200 *																30.0
32.0	61.2	93.3	22 500 *	65.1	94.8	25 800 *	67.4	95.4	28 500 *													32.0
34.0	59.0	92.1	20 600 *	62.9	93.8	24 300 *	65.2	94.5	26 900 *													34.0
36.0	56.6	90.8	18 800 *	60.7	92.7	22 100 *	63.0	93.5	24 400 *													36.0
38.0	54.2	89.4	17 300 *	58.4	91.5	20 100 *	60.8	92.4	22 100 *													38.0
40.0	51.7	87.9	15 900 *	56.0	90.2	18 400 *	58.5	91.2	20 200 *	62.4	92.4	23 700 *										40.0
42.0	49.1	86.2	14 700 *	53.6	88.8	16 900 *	56.1	89.9	18 500 *	60.1	91.3	21 600 *										42.0
44.0	46.4	84.4	13 600 *	51.1	87.2	15 600 *	53.7	88.5	17 000 *	57.8	90.1	19 700 *										44.0
46.0	43.6	82.4	12 700 *	48.5	85.5	14 400 *	51.2	86.9	15 700 *	55.4	88.7	18 100 *										46.0
48.0	40.6	80.1	11 800 *	45.7	83.6	13 400 *	48.6	85.2	14 500 *	53.0	87.3	16 700 *	57.0	88.5	19 200 *							48.0
50.0	37.5	77.6	10 900 *	42.9	81.5	12 400 *	45.9	83.3	13 500 *	50.4	85.7	15 400 *	54.6	87.2	17 600 *							50.0
52.0	34.0	74.8	10 200 *	39.9	79.2	11 600 *	43.0	81.3	12 500 *	47.8	83.9	14 200 *	52.1	85.7	16 200 *							52.0
54.0	30.3	71.6	9 500 *	36.6	76.6	10 800 *	40.0	79.0	11 600 *	45.0	82.0	13 200 *	49.6	84.0	15 000 *							54.0
56.0	26.0	67.8	8 900 *	33.1	73.7	10 000 *	36.8	76.4	10 800 *	42.2	79.8	12 200 *	46.9	82.2	13 900 *	51.2	83.7	14 800 *				56.0
58.0	21.0	63.1	8 300 *	29.3	70.4	9 400 *	33.3	73.5	10 100 *	39.1	77.5	11 400 *	44.1	80.2	12 900 *	48.6	82.0	14 000 *				58.0
60.0	14.3	56.7	7 500 *	24.9	66.4	8 700 *	29.5	70.2	9 400 *	35.8	74.8	10 600 *	41.2	78.0	12 000 *	45.9	80.1	13 400 *				60.0
62.0				19.6	61.4	8 100 *	25.1	66.3	8 800 *	32.2	71.8	9 900 *	38.0	75.6	11 100 *	43.0	78.0	12 500 *				62.0
64.0				12.1	54.2	7 500 *	19.8	61.3	8 200 *	28.3	68.3	9 200 *	34.7	72.8	10 400 *	40.0	75.7	11 700 *	44.6	77.5	10 600 *	64.0
68.0										18.0	58.8	8 000 *	26.8	66.0	9 000 *	33.3	70.3	10 100 *	38.6	73.0	9 500 *	68.0
72.0													15.7	55.5	7 900 *	25.1	63.0	8 800 *	31.6	67.2	8 500 *	72.0
76.0																12.5	51.0	7 700 *	22.9	59.3	7 600 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	75.1	101.5	28 100 *																			19.8
20.0	75.0	101.5	28 100 *																			20.0
22.0	73.0	100.9	27 700 *																			22.0
24.0	71.0	100.2	26 700 *																			24.0
26.0	69.0	99.5	25 300 *																			26.0
28.0	67.0	98.7	24 000 *																			28.0
30.0	64.9	97.8	22 600 *	68.5	99.0	25 100 *																30.0
32.0	62.8	96.8	21 200 *	66.5	98.1	23 800 *																32.0
34.0	60.7	95.7	19 900 *	64.4	97.2	22 400 *	66.6	97.8	24 800 *													34.0
36.0	58.5	94.5	18 600 *	62.3	96.2	21 100 *	64.5	96.9	23 400 *													36.0
38.0	56.2	93.2	17 000 *	60.1	95.1	19 800 *	62.4	95.9	21 900 *													38.0
40.0	53.9	91.8	15 700 *	57.9	93.8	18 200 *	60.2	94.8	20 000 *													40.0
42.0	51.6	90.2	14 500 *	55.7	92.5	16 700 *	58.0	93.6	18 300 *	61.8	94.8	21 200 *										42.0
44.0	49.1	88.5	13 400 *	53.4	91.1	15 400 *	55.8	92.2	16 800 *	59.6	93.6	19 500 *										44.0
46.0	46.6	86.7	12 400 *	51.0	89.5	14 200 *	53.5	90.8	15 500 *	57.4	92.4	17 800 *										46.0
48.0	43.9	84.7	11 500 *	48.5	87.8	13 100 *	51.1	89.2	14 300 *	55.1	91.0	16 400 *										48.0
50.0	41.1	82.5	10 700 *	45.9	85.9	12 200 *	48.6	87.5	13 200 *	52.8	89.6	15 100 *	56.6	90.9	17 400 *							50.0
52.0	38.1	80.0	10 000 *	43.2	83.8	11 300 *	46.0	85.7	12 200 *	50.4	88.0	14 000 *	54.3	89.5	16 000 *							52.0
54.0	34.9	77.3	9 300 *	40.4	81.6	10 500 *	43.3	83.6	11 400 *	47.9	86.2	12 900 *	52.0	88.0	14 700 *							54.0
56.0	31.5	74.2	8 600 *	37.3	79.1	9 800 *	40.5	81.3	10 600 *	45.3	84.3	12 000 *	49.5	86.3	13 600 *							56.0
58.0	27.6	70.6	8 000 *	34.1	76.2	9 100 *	37.5	78.8	9 800 *	42.5	82.2	11 100 *	47.0	84.5	12 600 *	51.1	86.0	13 800 *				58.0
60.0	23.2	66.3	7 500 *	30.5	73.0	8 500 *	34.2	76.0	9 200 *	39.6	79.9	10 400 *	44.4	82.5	11 700 *	48.6	84.3	13 100 *				60.0
62.0	17.7	60.8	6 900 *	26.6	69.3	7 900 *	30.7	72.8	8 500 *	36.6	77.3	9 600 *	41.6	80.4	10 900 *	46.0	82.4	12 300 *				62.0
64.0	9.4	52.3	5 800 *	21.9	64.8	7 400 *	26.7	69.1	7 900 *	33.3	74.4	9 000 *	38.7	78.0	10 100 *	43.3	80.3	11 400 *	47.5	81.8	10 200 *	64.0
68.0							16.3	58.8	6 900 *	25.5	67.2	7 800 *	32.1	72.2	8 800 *	37.5	75.6	9 900 *	42.1	77.7	9 100 *	68.0
72.0										14.2	55.8	6 800 *	24.0	64.6	7 600 *	30.7	69.6	8 500 *	36.1	72.7	8 200 *	72.0
76.0													11.3	51.8	6 600 *	22.1	61.4	7 400 *	29.0	66.3	7 300 *	76.0
80.0																			19.7	57.4	6 500 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	63.7	64.7	69 000 *b																			13.7
14.0	62.8	64.6	68 000 *b																			14.0
16.0	56.5	63.3	60 300 *b																			16.0
18.0	49.7	61.8	50 700 *	62.1	64.1	66 400 *b																18.0
20.0	42.1	59.8	43 700 *	55.8	62.8	59 000 *b	62.8	63.9	68 100 *b													20.0
22.0	33.0	57.1	38 300 *	48.9	61.2	49 800 *	56.5	62.7	60 700 *b													22.0
24.0	20.7	52.9	34 000 *	41.1	59.2	43 000 *	49.7	61.1	50 900 *													24.0
26.0				31.8	56.3	37 800 *	42.1	59.1	43 900 *	55.5	61.6	48 500 b										26.0
28.0				18.7	51.9	33 500 *	33.1	56.4	38 500 *	48.6	60.0	44 200										28.0
30.0							20.8	52.3	34 100 *	40.8	57.9	40 600	54.2	60.1	38 800							30.0
32.0										31.5	55.0	37 500	47.1	58.4	35 800							32.0
34.0													39.1	56.2	33 300							34.0
36.0													29.3	53.1	31 000	45.1	56.4	29 600				36.0
38.0													13.9	47.8	28 900	36.8	54.0	27 700				38.0
40.0																26.1	50.6	25 900	42.5	53.9	24 700	40.0
42.0																			33.6	51.3	23 200	42.0
44.0																			21.6	47.3	21 900	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	67.2	68.1	67 200 *b																			13.7
14.0	66.5	68.0	66 300 *b																			14.0
16.0	61.2	66.9	59 600 *b																			16.0
18.0	55.6	65.7	51 200 *	65.9	67.5	64 800 *b																18.0
20.0	49.6	64.1	43 900 *	60.6	66.5	58 800 *b	66.5	67.3	66 300 *b													20.0
22.0	43.0	62.1	38 500 *	54.9	65.2	50 100 *	61.2	66.2	60 400 *b													22.0
24.0	35.4	59.6	34 100 *	48.9	63.5	43 200 *	55.6	65.0	51 700 *													24.0
26.0	25.9	56.1	30 600 *	42.2	61.5	38 000 *	49.6	63.4	44 400 *	60.4	65.2	48 200 b										26.0
28.0				34.4	58.9	33 700 *	43.0	61.4	38 800 *	54.7	63.9	44 000										28.0
30.0				24.6	55.2	30 200 *	35.5	58.9	34 400 *	48.7	62.3	40 400										30.0
32.0				4.8	47.1	27 000 *	26.0	55.4	30 800 *	41.9	60.2	37 300	53.5	62.4	35 600							32.0
34.0										34.1	57.6	33 900 *	47.4	60.7	33 000							34.0
36.0										24.2	53.8	30 300 *	40.5	58.6	30 700							36.0
38.0													32.4	55.8	28 700	45.7	58.7	27 400				38.0
40.0													21.7	51.7	26 900	38.5	56.4	25 700				40.0
42.0																29.9	53.4	24 100	43.4	56.3	23 000	42.0
44.0																17.9	48.7	22 700	35.9	53.8	21 600	44.0
46.0																			26.6	50.3	20 400	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	73.2	71.9	69 100 *b																			12.2
14.0	69.2	71.3	64 500 *b																			14.0
16.0	64.7	70.4	58 800 *b																			16.0
18.0	59.9	69.3	51 500 *																			18.0
20.0	54.9	68.0	44 100 *	64.1	69.9	57 800 *b																20.0
22.0	49.5	66.4	38 600 *	59.3	68.8	50 500 *	64.7	69.7	59 300 *b													22.0
24.0	43.7	64.4	34 200 *	54.3	67.5	43 400 *	59.9	68.6	52 100 *													24.0
26.0	37.2	62.0	30 600 *	48.9	65.8	38 100 *	54.9	67.3	44 500 *													26.0
28.0	29.4	58.9	27 700 *	43.0	63.8	33 800 *	49.6	65.7	38 900 *	59.2	67.6	43 800										28.0
30.0	18.8	54.2	25 100 *	36.3	61.4	30 300 *	43.7	63.8	34 500 *	54.1	66.2	40 200										30.0
32.0				28.3	58.1	27 400 *	37.2	61.3	30 900 *	48.7	64.6	37 100	53.0	64.7	32 800							32.0
34.0				17.1	53.1	24 800 *	29.4	58.2	27 900 *	42.8	62.6	34 000 *	47.5	63.0	30 500							34.0
36.0							18.8	53.6	25 300 *	36.1	60.0	30 400 *	41.5	60.9	28 500							36.0
38.0										28.0	56.7	27 500 *	34.6	58.3	26 800	46.0	61.0	25 500				38.0
40.0																						40.0
42.0													26.1	54.8	25 100	39.8	58.8	23 900				42.0
44.0													13.1	48.9	23 600	32.6	56.0	22 500	44.1	58.6	21 400	44.0
46.0																23.4	52.1	21 300	37.6	56.2	20 200	46.0
48.0																			29.9	53.1	19 100	48.0
50.0																			19.5	48.6	18 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.0	75.1	65 800 *b																			12.2
14.0	71.4	74.5	61 800 *b																			14.0
16.0	67.4	73.7	57 200 *b																			16.0
18.0	63.2	72.8	51 400 *																			18.0
20.0	58.9	71.6	44 300 *	66.9	73.3	56 300 *																20.0
22.0	54.3	70.3	38 700 *	62.7	72.3	51 000 *																22.0
24.0	49.5	68.7	34 300 *	58.3	71.2	43 600 *	63.2	72.1	51 700 *													24.0
26.0	44.3	66.8	30 700 *	53.8	69.8	38 200 *	58.9	71.0	44 500 *													26.0
28.0	38.5	64.4	27 700 *	48.9	68.1	33 900 *	54.3	69.6	38 900 *													28.0
30.0	31.8	61.5	25 200 *	43.6	66.2	30 400 *	49.5	68.0	34 400 *	58.2	69.9	40 000										30.0
32.0	23.5	57.6	23 000 *	37.8	63.8	27 400 *	44.3	66.1	30 800 *	53.6	68.5	36 900										32.0
34.0				31.0	60.8	24 900 *	38.5	63.7	27 800 *	48.7	66.9	34 000 *										34.0
36.0				22.4	56.7	22 700 *	31.9	60.8	25 200 *	43.4	64.9	30 300 *	52.6	67.0	30 300							36.0
38.0				6.4	48.5	20 800 *	23.6	56.9	23 000 *	37.6	62.5	27 400 *	47.7	65.3	28 300							38.0
40.0										30.7	59.4	24 900 *	42.3	63.3	26 500	51.4	65.1	25 200				40.0
42.0										22.0	55.3	22 800 *	36.3	60.8	24 900	46.3	63.3	23 600				42.0
44.0													29.2	57.6	23 400	40.8	61.2	22 300				44.0
46.0													19.8	53.0	22 100	34.6	58.5	21 000	44.6	60.9	19 900	46.0
48.0																27.0	55.1	19 900	38.8	58.6	18 800	48.0
50.0																16.6	49.9	18 800	32.2	55.7	17 800	50.0
52.0																			24.1	51.9	16 900	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	73.7	77.8	60 100 *b																			13.7
14.0	73.1	77.7	59 500 *b																			14.0
16.0	69.5	77.0	55 600 *b																			16.0
18.0	65.8	76.2	51 200 *																			18.0
20.0	62.0	75.2	45 400 *	69.1	76.6	54 600 *																20.0
22.0	58.0	74.0	39 600 *	65.4	75.7	50 600 *																22.0
24.0	53.8	72.6	35 100 *	61.5	74.7	44 900 *	65.8	75.5	52 200 *													24.0
26.0	49.4	71.0	31 400 *	57.5	73.5	39 100 *	62.0	74.5	45 500 *													26.0
28.0	44.7	69.1	28 300 *	53.3	72.1	34 700 *	58.0	73.3	39 700 *													28.0
30.0	39.6	66.8	25 700 *	48.9	70.4	31 000 *	53.9	71.9	35 200 *													30.0
32.0	33.7	64.1	23 500 *	44.1	68.5	28 000 *	49.5	70.3	31 500 *	57.4	72.2	36 600										32.0
34.0	26.8	60.5	21 600 *	38.9	66.2	25 500 *	44.7	68.4	28 400 *	53.2	70.8	33 900										34.0
36.0	17.5	55.4	19 700 *	33.0	63.4	23 300 *	39.6	66.1	25 800 *	48.7	69.2	31 100 *										36.0
38.0				25.9	59.7	21 400 *	33.8	63.4	23 600 *	44.0	67.2	28 000 *	52.3	69.3	28 000							38.0
40.0				16.0	54.3	19 500 *	26.9	59.9	21 700 *	38.7	64.9	25 400 *	47.8	67.6	26 300							40.0
42.0							17.5	54.8	19 900 *	32.8	62.0	23 200 *	43.0	65.6	24 700	51.2	67.4	23 400				42.0
44.0										25.6	58.4	21 400 *	37.6	63.2	23 300	46.6	65.6	22 000				44.0
46.0													31.5	60.2	22 000	41.6	63.5	20 800				46.0
48.0													23.9	56.3	20 700	36.1	61.0	19 700	45.0	63.2	18 600	48.0
50.0													12.6	50.0	19 400	29.7	57.8	18 600	39.9	61.0	17 600	50.0
52.0																21.6	53.5	17 600	34.1	58.3	16 700	52.0
54.0																			27.2	54.8	15 900 *	54.0
56.0																			18.1	49.8	15 000 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.1	81.0	56 000 *b																			13.7
14.0	74.6	80.9	55 600 *b																			14.0
16.0	71.3	80.3	53 100 *																			16.0
18.0	67.9	79.5	50 000 *																			18.0
20.0	64.5	78.6	45 300 *																			20.0
22.0	61.0	77.5	39 500 *	67.5	79.1	49 400 *																22.0
24.0	57.3	76.3	34 900 *	64.1	78.2	44 700 *																24.0
26.0	53.4	74.9	31 200 *	60.5	77.1	38 900 *	64.5	77.9	45 400 *													26.0
28.0	49.4	73.3	28 100 *	56.8	75.8	34 500 *	61.0	76.9	39 600 *													28.0
30.0	45.1	71.4	25 500 *	53.0	74.4	30 800 *	57.3	75.6	35 000 *													30.0
32.0	40.4	69.2	23 300 *	48.9	72.7	27 800 *	53.5	74.2	31 300 *	60.4	75.8	36 400										32.0
34.0	35.2	66.5	21 400 *	44.6	70.8	25 300 *	49.4	72.6	28 200 *	56.7	74.6	33 700										34.0
36.0	29.3	63.3	19 700 *	39.9	68.6	23 100 *	45.1	70.7	25 600 *	52.8	73.1	30 900 *										36.0
38.0	21.8	59.0	18 200 *	34.6	65.9	21 200 *	40.4	68.5	23 400 *	48.8	71.5	27 800 *										38.0
40.0				28.5	62.5	19 500 *	35.3	65.9	21 400 *	44.4	69.5	25 300 *	52.0	71.6	26 000							40.0
42.0				20.8	58.0	18 000 *	29.3	62.6	19 800 *	39.7	67.3	23 100 *	47.9	69.9	24 400							42.0
44.0				7.3	49.7	15 900 *	21.9	58.3	18 200 *	34.4	64.6	21 200 *	43.5	67.9	23 000							44.0
46.0										28.3	61.2	19 500 *	38.7	65.6	21 700	46.8	68.0	20 500				46.0
48.0										20.5	56.6	18 000 *	33.2	62.8	20 500	42.3	65.9	19 400				48.0
50.0													26.9	59.2	19 200	37.3	63.4	18 400	45.3	65.5	17 300	50.0
52.0													18.5	54.3	17 800 *	31.7	60.4	17 400	40.7	63.3	16 400 *	52.0
54.0																25.0	56.6	16 500	35.5	60.7	15 500 *	54.0
56.0																15.6	51.0	15 700	29.6	57.5	14 700 *	56.0
58.0																			22.3	53.3	13 900 *	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

42.7m (140 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	73.9	83.7	50 000 *																			15.2
16.0	72.8	83.5	49 200 *																			16.0
18.0	69.7	82.8	47 100 *																			18.0
20.0	66.6	82.0	44 900 *																			20.0
22.0	63.4	81.0	39 900 *	69.4	82.4	47 400 *																22.0
24.0	60.1	79.9	35 100 *	66.2	81.5	44 500 *																24.0
26.0	56.7	78.6	31 400 *	63.0	80.6	39 200 *	66.6	81.3	45 800 *													26.0
28.0	53.1	77.2	28 200 *	59.7	79.4	34 700 *	63.4	80.3	39 900 *													28.0
30.0	49.4	75.6	25 600 *	56.3	78.2	31 000 *	60.1	79.2	35 200 *													30.0
32.0	45.4	73.7	23 400 *	52.7	76.7	27 900 *	56.7	78.0	31 400 *	62.9	79.3	36 200										32.0
34.0	41.1	71.5	21 400 *	48.9	75.0	25 300 *	53.1	76.5	28 300 *	59.6	78.2	33 600										34.0
36.0	36.5	69.0	19 700 *	44.9	73.1	23 100 *	49.4	74.9	25 700 *	56.1	76.9	31 000										36.0
38.0	31.2	65.9	18 200 *	40.6	70.9	21 200 *	45.4	73.0	23 400 *	52.6	75.4	27 900 *										38.0
40.0	24.9	62.1	16 900 *	35.9	68.3	19 500 *	41.2	70.9	21 500 *	48.8	73.8	25 300 *	55.4	75.4	25 900							40.0
42.0	16.5	56.6	15 500 *	30.5	65.2	18 000 *	36.5	68.3	19 800 *	44.8	71.8	23 100 *	51.8	73.9	24 300							42.0
44.0				24.1	61.2	16 700 *	31.2	65.3	18 300 *	40.5	69.6	21 200 *	48.0	72.2	22 900							44.0
46.0				15.3	55.5	15 400 *	25.0	61.4	16 900 *	35.7	67.0	19 500 *	43.9	70.3	21 600	50.8	72.0	20 400				46.0
48.0							16.6	56.0	15 700 *	30.3	63.9	18 000 *	39.5	68.0	20 400	47.0	70.3	19 300				48.0
50.0										23.8	59.9	16 700 *	34.7	65.3	19 200	42.8	68.2	18 300				50.0
52.0													29.1	62.0	17 800 *	38.3	65.8	17 300	45.6	67.8	16 200 *	52.0
54.0													22.3	57.7	16 500 *	33.3	63.0	16 500	41.4	65.7	15 400 *	54.0
56.0													12.2	51.1	15 300 *	27.5	59.5	15 700	36.7	63.2	14 500 *	56.0
58.0																20.2	54.9	14 900	31.5	60.2	13 800 *	58.0
60.0																			25.3	56.4	13 000 *	60.0
62.0																			17.1	51.1	12 400 *	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.1	86.9	46 700 *																			15.2
16.0	74.1	86.7	45 900 *																			16.0
18.0	71.2	86.0	44 100 *																			18.0
20.0	68.4	85.3	42 200 *																			20.0
22.0	65.4	84.4	39 800 *																			22.0
24.0	62.4	83.4	35 000 *	68.0	84.8	42 600 *																24.0
26.0	59.3	82.3	31 200 *	65.1	84.0	39 000 *																26.0
28.0	56.1	81.0	28 000 *	62.1	82.9	34 500 *	65.4	83.7	39 800 *													28.0
30.0	52.8	79.5	25 400 *	59.0	81.8	30 800 *	62.4	82.7	35 000 *													30.0
32.0	49.3	77.9	23 100 *	55.8	80.5	27 700 *	59.4	81.6	31 300 *													32.0
34.0	45.7	76.0	21 200 *	52.4	79.0	25 100 *	56.2	80.3	28 100 *	62.0	81.7	33 300										34.0
36.0	41.7	73.9	19 500 *	48.9	77.3	22 900 *	52.8	78.8	25 500 *	58.9	80.5	30 700										36.0
38.0	37.5	71.4	18 000 *	45.2	75.4	21 000 *	49.4	77.2	23 200 *	55.6	79.2	27 700 *										38.0
40.0	32.8	68.5	16 700 *	41.3	73.3	19 300 *	45.7	75.3	21 200 *	52.3	77.7	25 100 *										40.0
42.0	27.3	65.0	15 500 *	37.0	70.8	17 800 *	41.8	73.2	19 500 *	48.8	76.1	22 900 *	55.0	77.8	24 100							42.0
44.0	20.5	60.4	14 400 *	32.2	67.8	16 500 *	37.5	70.7	18 000 *	45.1	74.2	21 000 *	51.6	76.2	22 700							44.0
46.0				26.6	64.2	15 300 *	32.8	67.8	16 700 *	41.1	72.0	19 300 *	48.1	74.5	21 400							46.0
48.0				19.6	59.4	14 300 *	27.3	64.3	15 500 *	36.8	69.5	17 800 *	44.3	72.6	20 200	50.7	74.3	19 000				48.0
50.0				7.8	50.8	12 700 *	20.6	59.7	14 400 *	32.0	66.5	16 500 *	40.3	70.3	19 000	47.1	72.6	18 000				50.0
52.0										26.4	62.8	15 400 *	35.9	67.7	17 600 *	43.3	70.5	17 100				52.0
54.0										19.3	57.9	14 300 *	30.9	64.6	16 300 *	39.2	68.2	16 200	45.9	70.1	15 000 *	54.0
56.0													25.1	60.8	15 100 *	34.7	65.5	15 400	42.0	68.0	14 200 *	56.0
58.0													17.5	55.5	14 100 *	29.5	62.2	14 700	37.7	65.6	13 500 *	58.0
60.0																23.4	58.1	14 000	33.0	62.7	12 800 *	60.0
62.0																15.0	52.2	13 300	27.6	59.2	12 100 *	62.0
64.0																			21.0	54.7	11 500 *	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.2	89.6	43 000 *																			16.8
18.0	72.5	89.3	42 000 *																			18.0
20.0	69.9	88.6	40 500 *																			20.0
22.0	67.2	87.7	38 800 *																			22.0
24.0	64.4	86.8	35 500 *																			24.0
26.0	61.6	85.8	31 400 *	66.9	87.3	39 200 *																26.0
28.0	58.7	84.6	28 300 *	64.1	86.4	34 800 *	67.2	87.1	40 200 *													28.0
30.0	55.7	83.3	25 600 *	61.3	85.3	31 100 *	64.4	86.1	35 400 *													30.0
32.0	52.6	81.8	23 300 *	58.3	84.1	28 000 *	61.6	85.1	31 500 *													32.0
34.0	49.3	80.2	21 400 *	55.3	82.8	25 400 *	58.7	83.9	28 400 *													34.0
36.0	45.9	78.3	19 600 *	52.2	81.3	23 100 *	55.7	82.6	25 700 *	61.2	84.1	30 700										36.0
38.0	42.3	76.2	18 100 *	48.9	79.6	21 100 *	52.6	81.1	23 400 *	58.2	82.9	27 900 *										38.0
40.0	38.4	73.8	16 800 *	45.5	77.8	19 500 *	49.3	79.5	21 400 *	55.2	81.5	25 300 *										40.0
42.0	34.1	71.0	15 600 *	41.8	75.6	18 000 *	45.9	77.6	19 700 *	52.1	80.0	23 100 *										42.0
44.0	29.2	67.7	14 500 *	37.9	73.2	16 600 *	42.3	75.5	18 100 *	48.8	78.4	21 100 *	54.6	80.1	22 400							44.0
46.0	23.5	63.6	13 500 *	33.5	70.3	15 400 *	38.4	73.1	16 800 *	45.4	76.5	19 400 *	51.4	78.5	21 100							46.0
48.0	15.8	57.8	12 300 *	28.6	67.0	14 300 *	34.1	70.4	15 600 *	41.7	74.3	18 000 *	48.1	76.8	20 000							48.0
50.0				22.7	62.7	13 400 *	29.2	67.1	14 500 *	37.7	71.9	16 600 *	44.6	74.9	18 900	50.6	76.6	17 800				50.0
52.0				14.7	56.6	12 400 *	23.5	62.9	13 500 *	33.4	69.0	15 400 *	40.9	72.7	17 700 *	47.2	74.9	16 800				52.0
54.0							15.8	57.2	12 600 *	28.4	65.6	14 400 *	36.9	70.2	16 400 *	43.7	72.9	16 000				54.0
56.0										22.5	61.3	13 400 *	32.4	67.2	15 200 *	39.9	70.6	15 200				56.0
58.0													27.3	63.7	14 100 *	35.8	68.0	14 400	42.5	70.4	13 200 *	58.0
60.0													21.1	59.1	13 200 *	31.2	64.9	13 700	38.6	68.0	12 500 *	60.0
62.0													12.0	52.1	12 300 *	25.8	61.1	13 100	34.3	65.2	11 800 *	62.0
64.0																19.1	56.2	12 500	29.5	62.0	11 200 *	64.0
68.0																			16.3	52.3	10 000 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.2	92.8	39 700 *																			16.8
18.0	73.7	92.4	38 800 *																			18.0
20.0	71.2	91.8	37 400 *																			20.0
22.0	68.7	91.0	36 000 *																			22.0
24.0	66.1	90.2	34 700 *																			24.0
26.0	63.5	89.2	31 500 *	68.4	90.6	36 200 *																26.0
28.0	60.8	88.2	28 300 *	65.8	89.8	34 600 *																28.0
30.0	58.1	87.0	25 600 *	63.2	88.8	31 200 *	66.1	89.5	35 600 *													30.0
32.0	55.3	85.6	23 300 *	60.5	87.7	28 000 *	63.5	88.5	31 600 *													32.0
34.0	52.4	84.1	21 300 *	57.8	86.5	25 300 *	60.9	87.5	28 400 *													34.0
36.0	49.3	82.5	19 500 *	54.9	85.1	23 000 *	58.1	86.3	25 600 *													36.0
38.0	46.1	80.6	18 000 *	52.0	83.6	21 100 *	55.3	84.9	23 300 *	60.4	86.4	27 900										38.0
40.0	42.7	78.5	16 600 *	48.9	81.9	19 300 *	52.4	83.4	21 300 *	57.7	85.2	25 300 *										40.0
42.0	39.1	76.2	15 400 *	45.7	80.1	17 800 *	49.3	81.8	19 600 *	54.8	83.9	23 000 *										42.0
44.0	35.2	73.5	14 300 *	42.3	78.0	16 500 *	46.1	79.9	18 000 *	51.9	82.3	21 000 *										44.0
46.0	30.8	70.4	13 300 *	38.7	75.6	15 300 *	42.7	77.9	16 600 *	48.8	80.7	19 300 *	54.3	82.4	20 900							46.0
48.0	25.7	66.6	12 400 *	34.7	72.8	14 200 *	39.1	75.5	15 400 *	45.6	78.8	17 800 *	51.3	80.9	19 700							48.0
50.0	19.5	61.7	11 600 *	30.2	69.6	13 200 *	35.2	72.8	14 300 *	42.2	76.7	16 500 *	48.2	79.1	18 700							50.0
52.0				25.1	65.8	12 300 *	30.8	69.7	13 300 *	38.5	74.3	15 300 *	44.9	77.2	17 600 *	50.5	78.9	16 600				52.0
54.0				18.7	60.7	11 500 *	25.8	65.9	12 500 *	34.5	71.5	14 200 *	41.5	75.0	16 200 *	47.4	77.2	15 700				54.0
56.0				8.1	51.9	9 900 *	19.5	61.0	11 600 *	30.1	68.3	13 200 *	37.7	72.6	15 000 *	44.0	75.2	14 900				56.0
58.0										24.9	64.4	12 300 *	33.7	69.7	14 000 *	40.5	73.0	14 200	46.3	74.8	12 800 *	58.0
60.0										18.4	59.2	11 500 *	29.1	66.4	13 000 *	36.7	70.4	13 500	42.9	72.7	12 100 *	60.0
62.0													23.7	62.3	12 200 *	32.5	67.5	12 900	39.3	70.4	11 400 *	62.0
64.0													16.8	56.7	11 300 *	27.8	64.0	12 200	35.4	67.7	10 800 *	64.0
68.0																14.4	53.3	11 100	26.0	60.8	9 700 *	68.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.3	95.5	36 200 *																			18.3
20.0	72.3	95.0	35 200 *																			20.0
22.0	70.0	94.3	33 900 *																			22.0
24.0	67.6	93.5	32 700 *																			24.0
26.0	65.2	92.6	31 100 *	69.7	93.9	34 000 *																26.0
28.0	62.7	91.6	28 200 *	67.3	93.1	32 800 *																28.0
30.0	60.2	90.5	25 500 *	64.9	92.2	31 000 *																30.0
32.0	57.6	89.3	23 100 *	62.4	91.2	27 900 *	65.2	91.9	31 500 *													32.0
34.0	54.9	87.9	21 100 *	59.9	90.1	25 200 *	62.7	90.9	28 300 *													34.0
36.0	52.2	86.4	19 400 *	57.3	88.8	22 900 *	60.2	89.8	25 500 *													36.0
38.0	49.3	84.8	17 800 *	54.6	87.4	21 000 *	57.6	88.6	23 200 *													38.0
40.0	46.3	82.9	16 500 *	51.8	85.9	19 200 *	54.9	87.3	21 200 *	59.8	88.8	25 200 *										40.0
42.0	43.1	80.9	15 300 *	48.9	84.2	17 700 *	52.2	85.8	19 400 *	57.2	87.6	22 900 *										42.0
44.0	39.7	78.6	14 200 *	45.9	82.4	16 400 *	49.3	84.1	17 900 *	54.5	86.2	20 900 *										44.0
46.0	36.1	76.0	13 200 *	42.7	80.3	15 100 *	46.3	82.3	16 500 *	51.7	84.7	19 200 *	56.7	86.1	20 700							46.0
48.0	32.1	73.0	12 300 *	39.3	78.0	14 100 *	43.1	80.2	15 300 *	48.8	83.0	17 700 *	54.0	84.7	19 600							48.0
50.0	27.6	69.4	11 500 *	35.7	75.3	13 100 *	39.8	77.9	14 200 *	45.8	81.1	16 300 *	51.2	83.2	18 500							50.0
52.0	22.3	65.0	10 700 *	31.6	72.3	12 200 *	36.1	75.3	13 200 *	42.6	79.0	15 100 *	48.2	81.4	17 400 *							52.0
54.0	15.2	59.0	9 800 *	27.0	68.6	11 400 *	32.1	72.3	12 300 *	39.2	76.7	14 000 *	45.2	79.5	16 100 *	50.4	81.2	15 600				54.0
56.0				21.6	64.1	10 600 *	27.6	68.7	11 500 *	35.5	74.0	13 100 *	41.9	77.4	14 900 *	47.5	79.5	14 800				56.0
58.0				14.2	57.7	9 900 *	22.3	64.4	10 700 *	31.5	70.9	12 200 *	38.5	75.0	13 800 *	44.4	77.5	14 100				58.0
60.0							15.3	58.3	10 000 *	26.9	67.3	11 400 *	34.7	72.2	12 900 *	41.1	75.3	13 400	46.4	77.1	12 000 *	60.0
62.0										21.3	62.7	10 600 *	30.6	69.1	12 000 *	37.5	72.8	12 700	43.3	75.0	11 300 *	62.0
64.0										13.8	56.2	9 900 *	25.8	65.3	11 200 *	33.7	70.0	12 200	39.9	72.7	10 700 *	64.0
68.0													11.8	53.2	9 800 *	24.5	62.7	11 000	32.3	67.2	9 600 *	68.0
72.0																			22.6	59.3	8 600 *	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.2	98.7	33 500 *																			18.3
20.0	73.3	98.2	32 700 *																			20.0
22.0	71.1	97.6	31 700 *																			22.0
24.0	68.9	96.8	30 500 *																			24.0
26.0	66.7	96.0	29 200 *	70.9	97.1	31 700 *																26.0
28.0	64.4	95.0	27 600 *	68.7	96.4	30 700 *																28.0
30.0	62.0	94.0	25 300 *	66.4	95.5	29 300 *																30.0
32.0	59.6	92.9	22 900 *	64.1	94.6	27 600 *	66.7	95.3	30 800 *													32.0
34.0	57.1	91.6	20 900 *	61.7	93.6	24 900 *	64.4	94.4	28 000 *													34.0
36.0	54.6	90.3	19 100 *	59.3	92.4	22 700 *	62.0	93.3	25 300 *													36.0
38.0	52.0	88.7	17 600 *	56.8	91.1	20 700 *	59.6	92.2	23 000 *													38.0
40.0	49.3	87.1	16 200 *	54.3	89.8	19 000 *	57.2	90.9	21 000 *	61.6	92.3	24 900 *										40.0
42.0	46.4	85.2	15 000 *	51.7	88.2	17 500 *	54.6	89.6	19 200 *	59.2	91.2	22 600 *										42.0
44.0	43.5	83.2	13 900 *	48.9	86.5	16 100 *	52.0	88.1	17 600 *	56.8	89.9	20 700 *										44.0
46.0	40.3	80.9	12 900 *	46.1	84.7	14 900 *	49.3	86.4	16 300 *	54.2	88.5	19 000 *										46.0
48.0	36.9	78.4	12 000 *	43.1	82.6	13 800 *	46.4	84.6	15 100 *	51.6	87.0	17 400 *	56.3	88.4	19 300							48.0
50.0	33.2	75.5	11 200 *	39.9	80.3	12 800 *	43.5	82.5	13 900 *	48.8	85.3	16 100 *	53.7	87.0	18 300							50.0
52.0	29.2	72.2	10 500 *	36.5	77.8	11 900 *	40.3	80.3	13 000 *	46.0	83.4	14 900 *	51.0	85.5	17 200 *							52.0
54.0	24.5	68.1	9 800 *	32.8	74.8	11 100 *	36.9	77.7	12 000 *	43.0	81.3	13 800 *	48.3	83.7	15 900 *							54.0
56.0	18.7	63.0	9 100 *	28.7	71.4	10 400 *	33.3	74.8	11 300 *	39.8	79.0	12 800 *	45.4	81.8	14 700 *	50.3	83.5	14 500				56.0
58.0				23.9	67.3	9 700 *	29.2	71.5	10 500 *	36.4	76.4	11 900 *	42.4	79.7	13 600 *	47.5	81.8	13 800				58.0
60.0				17.9	61.9	9 100 *	24.5	67.5	9 800 *	32.7	73.5	11 100 *	39.1	77.4	12 700 *	44.6	79.8	13 100				60.0
62.0				8.4	53.1	7 900 *	18.7	62.3	9 200 *	28.5	70.0	10 400 *	35.7	74.7	11 800 *	41.5	77.7	12 500				62.0
64.0							10.1	54.3	8 500 *	23.7	65.9	9 700 *	31.9	71.7	11 000 *	38.3	75.2	11 900	43.6	77.4	10 400 *	64.0
68.0													22.6	63.8	9 600 *	30.8	69.3	10 800 *	37.1	72.6	9 300 *	68.0
72.0																21.1	60.9	9 400 *	29.4	66.4	8 300 *	72.0
76.0																19.0	57.3	7 400 *	19.0	57.3	7 400 *	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	76.0	101.9	30 700 *																			18.3
20.0	74.2	101.4	30 100 *																			20.0
22.0	72.2	100.8	29 200 *																			22.0
24.0	70.1	100.1	28 300 *																			24.0
26.0	68.0	99.3	27 200 *																			26.0
28.0	65.8	98.4	25 900 *	69.8	99.7	28 500 *																28.0
30.0	63.6	97.5	24 500 *	67.7	98.9	27 300 *																30.0
32.0	61.4	96.4	22 700 *	65.5	98.0	26 000 *	68.0	98.6	28 700 *													32.0
34.0	59.1	95.2	20 700 *	63.3	97.0	24 500 *	65.8	97.7	27 200 *													34.0
36.0	56.7	94.0	18 900 *	61.1	95.9	22 500 *	63.6	96.8	25 200 *													36.0
38.0	54.3	92.6	17 400 *	58.8	94.8	20 500 *	61.4	95.7	22 700 *													38.0
40.0	51.8	91.0	16 000 *	56.5	93.5	18 700 *	59.1	94.6	20 700 *													40.0
42.0	49.3	89.4	14 800 *	54.0	92.1	17 200 *	56.7	93.3	19 000 *	61.0	94.7	22 400 *										42.0
44.0	46.6	87.5	13 700 *	51.5	90.5	15 900 *	54.3	91.9	17 400 *	58.7	93.5	20 400 *										44.0
46.0	43.8	85.5	12 700 *	48.9	88.8	14 700 *	51.8	90.4	16 100 *	56.4	92.2	18 700 *										46.0
48.0	40.8	83.3	11 800 *	46.2	87.0	13 600 *	49.3	88.7	14 800 *	53.9	90.8	17 200 *										48.0
50.0	37.6	80.8	11 000 *	43.4	84.9	12 600 *	46.6	86.9	13 700 *	51.4	89.3	15 900 *	55.9	90.8	18 100							50.0
52.0	34.2	78.0	10 200 *	40.4	82.7	11 700 *	43.8	84.8	12 700 *	48.9	87.6	14 700 *	53.4	89.3	16 900 *							52.0
54.0	30.5	74.8	9 500 *	37.3	80.2	10 900 *	40.8	82.6	11 800 *	46.1	85.7	13 600 *	50.9	87.8	15 600 *							54.0
56.0	26.3	71.0	8 900 *	33.8	77.3	10 200 *	37.7	80.1	11 000 *	43.3	83.7	12 600 *	48.3	86.0	14 500 *							56.0
58.0	21.3	66.4	8 300 *	30.0	74.1	9 500 *	34.3	77.3	10 300 *	40.3	81.4	11 700 *	45.6	84.1	13 400 *	50.3	85.8	13 600				58.0
60.0	14.8	60.1	7 600 *	25.8	70.2	8 800 *	30.5	74.1	9 600 *	37.1	78.9	10 900 *	42.7	82.0	12 400 *	47.6	84.1	12 900				60.0
62.0				20.6	65.5	8 300 *	26.3	70.4	8 900 *	33.7	76.0	10 100 *	39.7	79.7	11 600 *	44.9	82.1	12 300				62.0
64.0				13.8	58.9	7 700 *	21.3	65.8	8 300 *	29.9	72.7	9 500 *	36.5	77.1	10 700 *	42.0	80.0	11 700	46.7	81.7	10 100 *	64.0
68.0										20.4	64.1	8 300 *	29.1	70.8	9 300 *	35.6	74.9	10 500 *	41.0	77.5	9 000 *	68.0
72.0													19.2	61.8	8 100 *	28.0	68.4	9 200 *	34.4	72.2	8 000 *	72.0
76.0																17.6	58.7	8 000 *	26.5	65.3	7 200 *	76.0
80.0																			15.2	54.6	6 300 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	75.2	104.6	27 700 *																			19.8
20.0	75.1	104.6	27 600 *																			20.0
22.0	73.1	104.0	26 900 *																			22.0
24.0	71.1	103.3	26 100 *																			24.0
26.0	69.1	102.6	25 300 *																			26.0
28.0	67.1	101.8	24 000 *																			28.0
30.0	65.0	100.8	22 600 *	68.9	102.1	25 200 *																30.0
32.0	62.9	99.9	21 300 *	66.8	101.3	23 900 *																32.0
34.0	60.8	98.8	20 000 *	64.8	100.4	22 600 *	67.1	101.1	25 000 *													34.0
36.0	58.6	97.6	18 600 *	62.7	99.4	21 300 *	65.0	100.2	23 700 *													36.0
38.0	56.4	96.3	17 100 *	60.5	98.3	20 100 *	62.9	99.2	22 200 *													38.0
40.0	54.1	94.9	15 800 *	58.3	97.1	18 500 *	60.8	98.1	20 500 *													40.0
42.0	51.7	93.3	14 500 *	56.1	95.8	17 000 *	58.6	96.9	18 700 *													42.0
44.0	49.2	91.7	13 400 *	53.8	94.4	15 600 *	56.4	95.6	17 200 *	60.5	97.1	20 200 *										44.0
46.0	46.7	89.8	12 500 *	51.4	92.8	14 400 *	54.1	94.2	15 800 *	58.3	95.9	18 500 *										46.0
48.0	44.0	87.8	11 600 *	48.9	91.1	13 400 *	51.7	92.7	14 600 *	56.0	94.5	17 000 *										48.0
50.0	41.2	85.6	10 700 *	46.4	89.3	12 400 *	49.3	91.0	13 500 *	53.7	93.1	15 600 *										50.0
52.0	38.3	83.2	10 000 *	43.7	87.3	11 500 *	46.7	89.2	12 500 *	51.3	91.6	14 400 *	55.6	93.1	16 700 *							52.0
54.0	35.1	80.5	9 300 *	40.9	85.0	10 700 *	44.0	87.2	11 600 *	48.9	89.9	13 300 *	53.2	91.6	15 400 *							54.0
56.0	31.7	77.4	8 600 *	37.9	82.6	9 900 *	41.3	85.0	10 800 *	46.3	88.0	12 300 *	50.8	90.1	14 200 *							56.0
58.0	27.8	73.9	8 100 *	34.7	79.8	9 200 *	38.3	82.5	10 000 *	43.6	86.0	11 500 *	48.3	88.3	13 100 *	52.6	89.8	13 300				58.0
60.0	23.4	69.6	7 500 *	31.2	76.7	8 600 *	35.1	79.8	9 300 *	40.8	83.7	10 700 *	45.8	86.4	12 200 *	50.2	88.1	12 600				60.0
62.0	18.0	64.2	7 000 *	27.3	73.1	8 000 *	31.7	76.7	8 700 *	37.8	81.3	9 900 *	43.1	84.4	11 300 *	47.7	86.4	12 000				62.0
64.0	10.0	56.0	5 900 *	22.8	68.7	7 500 *	27.8	73.2	8 100 *	34.6	78.5	9 200 *	40.2	82.1	10 500 *	45.1	84.4	11 300 *				64.0
68.0				8.6	54.2	6 100 *	18.0	63.6	7 000 *	27.2	71.7	8 000 *	33.9	76.7	9 100 *	39.4	80.0	10 200 *	44.2	82.0	8 600 *	68.0
72.0										17.0	61.7	7 000 *	26.3	69.7	7 900 *	33.0	74.5	8 900 *	38.4	77.4	7 700 *	72.0
76.0													15.6	59.1	6 900 *	25.2	67.2	7 800 *	31.9	71.6	6 800 *	76.0
80.0																13.7	55.6	6 800 *	23.7	63.9	6 000 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

45.7m (150 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	64.0	67.8	62 400 *b																			13.7
14.0	63.1	67.7	61 700 *b																			14.0
16.0	56.9	66.5	57 100 *b																			16.0
18.0	50.1	64.9	51 200 *	63.2	67.3	60 300 *b																18.0
20.0	42.5	62.9	44 000 *	57.0	66.1	56 000 *b	64.4	67.1	61 800 *b													20.0
22.0	33.6	60.3	38 500 *	50.2	64.6	51 400 *b	58.3	66.0	57 300 *b													22.0
24.0	21.5	56.3	34 200 *	42.6	62.6	44 200 *	51.6	64.5	52 800 *													24.0
26.0				33.7	60.0	38 600 *	44.2	62.7	45 900 *	58.1	65.1	47 900 b										26.0
28.0				21.8	56.0	34 300 *	35.7	60.2	40 000 *	51.4	63.6	43 700 b										28.0
30.0							24.6	56.6	35 300 *	44.0	61.7	40 100										30.0
32.0										35.4	59.2	37 100	50.9	62.2	35 300							32.0
34.0										24.2	55.6	34 400	43.4	60.3	32 700							34.0
36.0													34.7	57.7	30 500							36.0
38.0													23.2	54.0	28 500							38.0
40.0																42.3	58.4	27 100				40.0
42.0																33.4	55.7	25 400				42.0
44.0																21.2	51.7	23 800	40.6	56.0	22 600	44.0
																			31.1	53.1	21 300	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

45.7m (150 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	67.5	71.2	59 900 *b																			13.7
14.0	66.7	71.0	59 300 *b																			14.0
16.0	61.5	70.0	55 000 *b																			16.0
18.0	55.9	68.8	51 100 *	66.8	70.7	58 000 *b																18.0
20.0	49.9	67.2	44 500 *	61.6	69.7	54 000 *b																20.0
22.0	43.4	65.3	38 900 *	56.0	68.4	50 300 *b	62.6	69.5	56 000 *b													22.0
24.0	35.9	62.8	34 500 *	50.0	66.9	44 900 *	57.1	68.3	52 200 *													24.0
26.0	26.5	59.3	30 900 *	43.5	64.9	39 000 *	51.3	66.8	46 100 *	62.5	68.6	47 700 b										26.0
28.0				36.0	62.5	34 600 *	44.9	65.0	40 100 *	57.0	67.4	43 500 b										28.0
30.0				26.7	59.1	30 900 *	37.6	62.6	35 500 *	51.1	65.9	39 900										30.0
32.0				11.7	53.0	27 900 *	28.8	59.5	31 700 *	44.7	64.0	36 900	56.6	66.0	35 000							32.0
34.0										37.4	61.6	34 200	50.7	64.5	32 400							34.0
36.0										28.5	58.5	31 600	44.2	62.6	30 200							36.0
38.0										15.4	53.2	28 500 *	36.8	60.2	28 300							38.0
40.0													27.7	56.9	26 500							40.0
42.0																43.2	60.7	25 100				42.0
44.0																35.7	58.2	23 600				44.0
46.0																26.3	54.8	22 200	41.7	58.4	21 000	46.0
48.0																			33.9	55.7	19 800	48.0
																			23.8	51.9	18 700	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

45.7m (150 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	70.1	74.5	58 000 *b																			13.7
14.0	69.5	74.4	57 400 *b																			14.0
16.0	64.9	73.5	53 400 *b																			16.0
18.0	60.2	72.4	49 800 *																			18.0
20.0	55.2	71.1	44 700 *	65.0	73.1	52 600 *b																20.0
22.0	49.8	69.5	39 000 *	60.2	72.1	49 200 *	65.9	73.0	54 700 *b													22.0
24.0	44.0	67.6	34 600 *	55.2	70.8	44 900 *	61.2	71.9	51 100 *													24.0
26.0	37.5	65.2	31 000 *	49.9	69.2	39 100 *	56.3	70.7	46 300 *													26.0
28.0	29.8	62.1	27 900 *	44.1	67.3	34 600 *	51.0	69.1	40 300 *	61.1	71.0	43 300										28.0
30.0	19.5	57.6	25 300 *	37.6	64.9	31 000 *	45.3	67.3	35 600 *	56.1	69.7	39 700										30.0
32.0				30.0	61.8	28 000 *	39.0	65.0	31 800 *	50.9	68.2	36 700										32.0
34.0				19.7	57.3	25 400 *	31.6	62.1	28 600 *	45.2	66.3	34 000	55.7	68.4	32 200							34.0
36.0							22.1	58.0	26 000 *	38.8	64.1	31 500	50.5	66.8	30 000							36.0
38.0										31.4	61.1	28 600 *	44.7	64.9	28 100							38.0
40.0										21.8	57.0	25 900 *	38.3	62.6	26 300	49.7	65.0	24 900				40.0
42.0													30.8	59.6	24 700	43.9	63.1	23 400				42.0
44.0													20.9	55.3	23 300	37.4	60.7	22 000				44.0
46.0																29.6	57.5	20 800	42.6	60.7	19 600	46.0
48.0																19.2	53.0	19 600	35.9	58.2	18 600	48.0
50.0																			27.7	54.8	17 600	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

45.7m (150 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.2	78.2	59 100 *b																			12.2
14.0	71.6	77.6	55 400 *b																			14.0
16.0	67.6	76.8	51 700 *b																			16.0
18.0	63.4	75.9	48 400 *																			18.0
20.0	59.1	74.8	44 800 *	67.6	76.5	51 000 *b																20.0
22.0	54.6	73.4	39 000 *	63.5	75.5	47 900 *																22.0
24.0	49.8	71.8	34 500 *	59.2	74.4	44 400 *	64.3	75.4	49 900 *													24.0
26.0	44.6	69.9	30 900 *	54.6	73.1	39 100 *	60.0	74.3	46 300 *													26.0
28.0	38.8	67.6	27 900 *	49.8	71.5	34 600 *	55.6	73.0	40 300 *													28.0
30.0	32.2	64.7	25 300 *	44.7	69.6	30 900 *	50.8	71.4	35 500 *	59.9	73.3	39 500										30.0
32.0	24.1	60.9	23 100 *	38.9	67.3	27 900 *	45.7	69.6	31 700 *	55.4	72.0	36 400										32.0
34.0				32.4	64.4	25 300 *	40.1	67.4	28 500 *	50.7	70.5	33 700										34.0
36.0				24.2	60.6	23 100 *	33.8	64.7	25 900 *	45.6	68.7	31 400	55.1	70.7	29 800							36.0
38.0				11.4	54.1	21 200 *	26.0	61.1	23 600 *	40.0	66.4	28 500 *	50.3	69.1	27 800							38.0
40.0										33.6	63.7	25 800 *	45.2	67.2	26 000							40.0
42.0										25.8	60.1	23 600 *	39.5	65.0	24 500	49.6	67.3	23 100				42.0
44.0										14.4	54.4	21 600 *	33.0	62.2	23 000	44.4	65.4	21 800				44.0
46.0													25.1	58.5	21 700	38.7	63.1	20 500				46.0
48.0																32.1	60.2	19 400	43.3	63.0	18 300	48.0
50.0																23.8	56.3	18 400	37.4	60.6	17 300	50.0
52.0																			30.5	57.6	16 400	52.0
54.0																			21.7	53.3	15 500 *	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

45.7m (150 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	73.8	80.9	53 500 *b																			13.7
14.0	73.3	80.8	53 000 *b																			14.0
16.0	69.7	80.1	49 600 *b																			16.0
18.0	66.0	79.3	46 500 *																			18.0
20.0	62.2	78.3	43 700 *	69.8	79.8	48 900 *b																20.0
22.0	58.2	77.1	40 500 *	66.1	78.9	46 100 *																22.0
24.0	54.1	75.7	35 500 *	62.2	77.9	43 500 *																24.0
26.0	49.7	74.1	31 800 *	58.3	76.8	40 400 *	63.0	77.8	45 900 *													26.0
28.0	45.0	72.2	28 600 *	54.1	75.4	35 600 *	59.1	76.6	41 700 *													28.0
30.0	39.8	70.0	26 000 *	49.8	73.8	31 800 *	55.0	75.3	36 600 *													30.0
32.0	34.1	67.3	23 700 *	45.1	71.9	28 700 *	50.7	73.7	32 600 *	59.0	75.7	36 200										32.0
34.0	27.2	63.8	21 700 *	39.9	69.7	26 000 *	46.0	71.9	29 300 *	54.9	74.4	33 500										34.0
36.0	18.1	58.8	19 800 *	34.2	67.0	23 800 *	41.0	69.8	26 600 *	50.5	72.8	31 200										36.0
38.0				27.4	63.5	21 800 *	35.4	67.2	24 200 *	45.9	71.0	29 200	54.6	73.0	27 500							38.0
40.0				18.3	58.6	20 000 *	28.8	63.9	22 200 *	40.9	68.8	26 500 *	50.2	71.4	25 800							40.0
42.0							20.4	59.4	20 500 *	35.2	66.2	24 200 *	45.5	69.6	24 300							42.0
44.0										28.6	62.9	22 200 *	40.5	67.4	22 800	49.6	69.6	21 500				44.0
46.0										20.1	58.3	20 400 *	34.8	64.7	21 500	44.9	67.7	20 300				46.0
48.0													28.1	61.3	20 400	39.7	65.5	19 200				48.0
50.0													19.3	56.6	19 300	33.9	62.7	18 100	43.8	65.4	17 100	50.0
52.0																27.1	59.2	17 200	38.6	63.0	16 100 *	52.0
54.0																17.8	54.2	16 300	32.6	60.1	15 300 *	54.0
56.0																			25.4	56.4	14 400 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

45.7m (150 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.2	84.1	51 500 *b																			13.7
14.0	74.8	84.0	51 000 *b																			14.0
16.0	71.5	83.4	47 900 *b																			16.0
18.0	68.1	82.6	45 100 *																			18.0
20.0	64.7	81.7	42 400 *																			20.0
22.0	61.2	80.6	39 700 *	68.2	82.3	44 700 *																22.0
24.0	57.5	79.4	35 500 *	64.7	81.4	42 300 *																24.0
26.0	53.7	78.0	31 600 *	61.2	80.3	40 000 *	65.4	81.2	44 800 *													26.0
28.0	49.6	76.4	28 500 *	57.5	79.1	35 500 *	61.9	80.2	41 600 *													28.0
30.0	45.3	74.5	25 800 *	53.7	77.7	31 700 *	58.3	79.0	36 400 *													30.0
32.0	40.7	72.3	23 500 *	49.7	76.1	28 500 *	54.5	77.6	32 400 *	61.8	79.2	35 900										32.0
34.0	35.5	69.7	21 600 *	45.4	74.2	25 900 *	50.5	76.0	29 200 *	58.2	78.0	33 300										34.0
36.0	29.6	66.5	19 900 *	40.8	72.0	23 600 *	46.3	74.2	26 400 *	54.4	76.7	31 000										36.0
38.0	22.3	62.3	18 300 *	35.6	69.4	21 600 *	41.7	72.1	24 100 *	50.4	75.1	28 900										38.0
40.0				29.7	66.2	19 900 *	36.7	69.6	22 000 *	46.2	73.3	26 300 *	54.1	75.3	25 500							40.0
42.0				22.4	62.0	18 400 *	31.0	66.6	20 300 *	41.6	71.1	24 000 *	50.1	73.7	24 000							42.0
44.0				11.2	55.1	16 700 *	24.1	62.6	18 700 *	36.6	68.6	22 000 *	45.8	71.9	22 600							44.0
46.0										30.8	65.6	20 200 *	41.2	69.7	21 300	49.5	71.9	20 000				46.0
48.0										23.8	61.6	18 700 *	36.2	67.2	20 200	45.2	70.0	18 900				48.0
50.0										13.8	55.5	17 300 *	30.3	64.0	19 100	40.6	67.8	17 900				50.0
52.0													23.2	60.0	18 100	35.4	65.2	17 000	44.3	67.7	15 700 *	52.0
54.0																29.5	62.0	16 100	39.5	65.4	14 900 *	54.0
56.0																22.1	57.7	15 300	34.2	62.7	14 100 *	56.0
58.0																			28.1	59.3	13 300 *	58.0
60.0																			20.2	54.7	12 600 *	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

45.7m (150 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.1	86.8	47 300 *																			15.2
16.0	73.0	86.6	46 300 *																			16.0
18.0	69.9	85.9	43 700 *																			18.0
20.0	66.8	85.1	41 200 *																			20.0
22.0	63.6	84.1	39 000 *	69.9	85.5	43 300 *																22.0
24.0	60.3	83.0	35 600 *	66.8	84.7	41 100 *																24.0
26.0	56.9	81.8	31 500 *	63.6	83.8	39 000 *	67.4	84.5	43 100 *													26.0
28.0	53.3	80.3	28 400 *	60.3	82.7	35 600 *	64.3	83.6	40 600 *													28.0
30.0	49.6	78.7	25 700 *	56.9	81.4	31 600 *	61.0	82.5	36 500 *													30.0
32.0	45.6	76.8	23 500 *	53.4	80.0	28 400 *	57.6	81.3	32 400 *													32.0
34.0	41.4	74.7	21 500 *	49.6	78.4	25 800 *	54.1	79.9	29 100 *	60.9	81.6	33 200										34.0
36.0	36.7	72.2	19 800 *	45.7	76.5	23 500 *	50.4	78.4	26 300 *	57.5	80.4	30 800										36.0
38.0	31.5	69.2	18 300 *	41.5	74.4	21 500 *	46.5	76.5	24 000 *	54.0	79.0	28 800										38.0
40.0	25.3	65.4	16 900 *	36.8	71.9	19 800 *	42.3	74.5	22 000 *	50.3	77.4	26 300 *	57.3	79.0	25 400							40.0
42.0	17.1	60.1	15 500 *	31.6	68.9	18 300 *	37.8	72.0	20 200 *	46.4	75.6	23 900 *	53.7	77.6	23 800							42.0
44.0				25.4	65.1	16 900 *	32.7	69.1	18 600 *	42.2	73.5	21 900 *	50.0	76.0	22 400							44.0
46.0				17.2	59.8	15 700 *	26.8	65.6	17 300 *	37.6	71.0	20 200 *	46.1	74.2	21 200							46.0
48.0							19.2	60.7	16 000 *	32.5	68.1	18 600 *	41.9	72.1	20 000	49.5	74.2	18 800				48.0
50.0										26.6	64.5	17 200 *	37.3	69.6	19 000	45.5	72.3	17 800				50.0
52.0										18.9	59.6	16 000 *	32.1	66.6	18 000	41.3	70.2	16 900				52.0
54.0													26.1	63.0	17 000	36.6	67.6	16 000	44.7	70.0	14 800 *	54.0
56.0													18.2	57.9	15 900 *	31.4	64.6	15 200	40.3	67.8	14 000 *	56.0
58.0																25.1	60.8	14 500	35.6	65.1	13 300 *	58.0
60.0																16.8	55.4	13 800	30.1	62.0	12 600 *	60.0
62.0																			23.6	57.9	11 900 *	62.0
64.0																			14.5	52.0	11 200 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.3	90.0	45 500 *																			15.2
16.0	74.2	89.8	44 600 *																			16.0
18.0	71.4	89.1	42 200 *																			18.0
20.0	68.5	88.4	39 900 *																			20.0
22.0	65.6	87.5	37 800 *																			22.0
24.0	62.6	86.5	35 100 *	68.6	88.0	39 800 *																24.0
26.0	59.5	85.4	31 400 *	65.6	87.2	37 800 *																26.0
28.0	56.3	84.1	28 200 *	62.6	86.2	35 500 *	66.2	87.0	39 700 *													28.0
30.0	53.0	82.6	25 500 *	59.6	85.0	31 400 *	63.2	86.0	36 400 *													30.0
32.0	49.5	81.0	23 300 *	56.4	83.8	28 300 *	60.2	84.9	32 200 *													32.0
34.0	45.9	79.2	21 300 *	53.1	82.3	25 600 *	57.0	83.7	28 900 *													34.0
36.0	42.0	77.0	19 600 *	49.6	80.7	23 300 *	53.7	82.2	26 100 *	60.1	84.0	30 600										36.0
38.0	37.7	74.6	18 100 *	45.9	78.8	21 300 *	50.3	80.7	23 800 *	56.9	82.7	28 600										38.0
40.0	33.0	71.7	16 700 *	42.0	76.7	19 600 *	46.7	78.8	21 700 *	53.6	81.3	26 100 *										40.0
42.0	27.6	68.2	15 500 *	37.8	74.3	18 100 *	42.8	76.8	20 000 *	50.2	79.7	23 700 *										42.0
44.0	20.9	63.7	14 400 *	33.1	71.4	16 800 *	38.7	74.4	18 400 *	46.6	77.9	21 700 *	53.4	79.9	22 200							44.0
46.0				27.7	67.9	15 500 *	34.1	71.7	17 100 *	42.7	75.8	19 900 *	49.9	78.3	20 900							46.0
48.0				21.1	63.4	14 500 *	28.9	68.3	15 800 *	38.6	73.4	18 400 *	46.3	76.5	19 800							48.0
50.0				11.0	56.2	13 200 *	22.6	64.1	14 700 *	34.0	70.7	17 000 *	42.4	74.4	18 700	49.5	76.5	17 500				50.0
52.0										28.7	67.3	15 800 *	38.2	72.0	17 800	45.8	74.6	16 600				52.0
54.0										22.4	63.0	14 700 *	33.6	69.2	16 800	41.9	72.5	15 700				54.0
56.0										13.3	56.6	13 700 *	28.3	65.8	15 700 *	37.6	70.1	15 000	45.0	72.3	13 600 *	56.0
58.0													21.8	61.4	14 600 *	32.9	67.2	14 300	41.0	70.1	12 900 *	58.0
60.0																27.5	63.7	13 500	36.7	67.6	12 200 *	60.0
62.0																20.8	59.1	12 900	31.8	64.6	11 600 *	62.0
64.0																10.4	51.7	12 300	26.2	60.9	11 000 *	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.3	92.7	41 200 *																			16.8
18.0	72.7	92.3	40 300 *																			18.0
20.0	70.0	91.6	38 600 *																			20.0
22.0	67.3	90.8	36 600 *																			22.0
24.0	64.6	89.9	34 600 *																			24.0
26.0	61.7	88.9	31 600 *	67.4	90.5	36 700 *																26.0
28.0	58.8	87.7	28 400 *	64.6	89.6	34 900 *																28.0
30.0	55.8	86.4	25 800 *	61.8	88.6	31 900 *	65.2	89.4	36 200 *													30.0
32.0	52.7	85.0	23 500 *	58.9	87.4	28 500 *	62.4	88.4	32 500 *													32.0
34.0	49.5	83.3	21 500 *	55.9	86.1	25 800 *	59.5	87.3	29 200 *													34.0
36.0	46.1	81.5	19 700 *	52.8	84.6	23 500 *	56.5	86.0	26 300 *													36.0
38.0	42.5	79.4	18 200 *	49.6	83.0	21 500 *	53.4	84.6	24 000 *	59.4	86.3	28 300										38.0
40.0	38.6	77.0	16 800 *	46.1	81.1	19 700 *	50.2	83.0	21 900 *	56.4	85.0	26 300 *										40.0
42.0	34.3	74.2	15 600 *	42.5	79.1	18 200 *	46.8	81.2	20 100 *	53.3	83.6	23 900 *										42.0
44.0	29.5	71.0	14 500 *	38.6	76.7	16 900 *	43.3	79.1	18 500 *	50.1	82.0	21 900 *										44.0
46.0	23.8	66.9	13 500 *	34.4	73.9	15 700 *	39.4	76.8	17 100 *	46.7	80.2	20 100 *	53.1	82.2	20 700							46.0
48.0	16.3	61.3	12 200 *	29.6	70.7	14 600 *	35.3	74.1	15 900 *	43.2	78.2	18 500 *	49.9	80.6	19 600							48.0
50.0				23.9	66.6	13 600 *	30.6	71.0	14 800 *	39.3	75.8	17 100 *	46.5	78.8	18 500							50.0
52.0				16.5	61.0	12 600 *	25.1	67.1	13 800 *	35.1	73.2	15 900 *	42.9	76.7	17 600	49.4	78.8	16 400				52.0
54.0							18.2	62.0	12 800 *	30.4	70.0	14 800 *	39.0	74.4	16 700	46.0	76.9	15 500				54.0
56.0										25.0	66.1	13 800 *	34.8	71.7	15 700	42.4	74.9	14 800				56.0
58.0										18.0	60.9	12 800 *	30.1	68.5	14 700 *	38.5	72.5	14 000	45.3	74.6	12 600 *	58.0
60.0													24.5	64.5	13 700 *	34.2	69.7	13 300	41.6	72.5	11 900 *	60.0
62.0													17.3	59.1	12 800 *	29.4	66.4	12 700	37.6	70.0	11 200 *	62.0
64.0																23.6	62.3	12 100	33.2	67.1	10 700 *	64.0
68.0																			22.3	59.4	9 600 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.3	95.9	37 800 *																			16.8
18.0	73.8	95.5	37 000 *																			18.0
20.0	71.3	94.9	35 700 *																			20.0
22.0	68.8	94.1	34 200 *																			22.0
24.0	66.3	93.3	32 500 *																			24.0
26.0	63.7	92.3	30 800 *	68.9	93.8	35 000 *																26.0
28.0	61.0	91.3	28 600 *	66.3	92.9	33 500 *																28.0
30.0	58.3	90.1	25 700 *	63.7	92.0	31 600 *																30.0
32.0	55.4	88.7	23 400 *	61.0	90.9	28 500 *	64.2	91.8	32 600 *													32.0
34.0	52.5	87.3	21 400 *	58.3	89.7	25 800 *	61.6	90.8	29 200 *													34.0
36.0	49.5	85.6	19 600 *	55.5	88.4	23 400 *	58.9	89.6	26 300 *													36.0
38.0	46.3	83.8	18 100 *	52.6	86.9	21 400 *	56.1	88.3	23 900 *													38.0
40.0	42.9	81.7	16 700 *	49.5	85.3	19 600 *	53.2	86.9	21 800 *	58.8	88.7	26 200										40.0
42.0	39.3	79.4	15 500 *	46.3	83.5	18 100 *	50.1	85.3	20 000 *	56.0	87.4	23 900 *										42.0
44.0	35.4	76.7	14 300 *	43.0	81.4	16 700 *	47.0	83.5	18 400 *	53.1	85.9	21 800 *										44.0
46.0	31.0	73.6	13 400 *	39.4	79.1	15 500 *	43.6	81.4	17 000 *	50.1	84.3	20 000 *	55.8	86.0	20 400							46.0
48.0	26.0	69.9	12 500 *	35.4	76.4	14 400 *	40.1	79.2	15 700 *	46.9	82.5	18 400 *	52.8	84.5	19 300							48.0
50.0	19.9	65.0	11 500 *	31.1	73.3	13 400 *	36.3	76.6	14 600 *	43.6	80.5	17 000 *	49.8	82.9	18 300							50.0
52.0				26.1	69.6	12 500 *	32.0	73.6	13 600 *	40.0	78.2	15 700 *	46.6	81.1	17 300	52.4	82.7	16 100				52.0
54.0				20.0	64.8	11 700 *	27.2	70.0	12 700 *	36.1	75.6	14 600 *	43.3	79.1	16 400	49.4	81.1	15 200				54.0
56.0				10.9	57.3	10 300 *	21.4	65.5	11 800 *	31.9	72.6	13 600 *	39.7	76.8	15 600	46.2	79.3	14 500				56.0
58.0										27.0	69.0	12 700 *	35.8	74.1	14 500 *	42.8	77.2	13 800				58.0
60.0										21.2	64.4	11 800 *	31.6	71.1	13 500 *	39.2	74.8	13 100	45.5	76.9	11 500 *	60.0
62.0										13.0	57.7	11 000 *	26.6	67.4	12 600 *	35.3	72.2	12 500	42.1	74.8	10 900 *	62.0
64.0													20.7	62.8	11 700 *	30.9	69.0	11 900	38.4	72.4	10 300 *	64.0
68.0																19.7	60.4	10 800 *	29.9	66.4	9 200 *	68.0
72.0																			18.2	57.2	8 300 *	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

45.7m (150 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.4	98.6	34 000 *																			18.3
20.0	72.5	98.1	33 000 *																			20.0
22.0	70.1	97.4	31 800 *																			22.0
24.0	67.7	96.6	30 500 *																			24.0
26.0	65.3	95.7	29 000 *	70.2	97.1	33 400 *																26.0
28.0	62.9	94.7	27 500 *	67.8	96.3	32 400 *																28.0
30.0	60.3	93.6	25 600 *	65.4	95.4	31 100 *																30.0
32.0	57.7	92.4	23 300 *	62.9	94.4	28 400 *	65.8	95.2	32 500 *													32.0
34.0	55.1	91.1	21 200 *	60.4	93.3	25 600 *	63.4	94.2	29 000 *													34.0
36.0	52.3	89.6	19 500 *	57.8	92.1	23 300 *	60.9	93.1	26 200 *													36.0
38.0	49.4	87.9	17 900 *	55.1	90.7	21 300 *	58.3	92.0	23 800 *													38.0
40.0	46.4	86.1	16 500 *	52.4	89.2	19 500 *	55.7	90.6	21 700 *	60.8	92.2	26 000										40.0
42.0	43.3	84.0	15 300 *	49.5	87.6	17 900 *	52.9	89.2	19 900 *	58.2	91.0	23 800 *										42.0
44.0	39.9	81.8	14 200 *	46.5	85.8	16 600 *	50.1	87.6	18 300 *	55.6	89.7	21 600 *										44.0
46.0	36.3	79.2	13 200 *	43.3	83.7	15 300 *	47.1	85.8	16 900 *	52.8	88.2	19 800 *										46.0
48.0	32.3	76.2	12 300 *	40.0	81.4	14 200 *	44.0	83.8	15 600 *	50.0	86.6	18 200 *	55.4	88.3	19 200							48.0
50.0	27.9	72.7	11 500 *	36.4	78.9	13 200 *	40.7	81.5	14 500 *	47.0	84.8	16 800 *	52.6	86.8	18 100							50.0
52.0	22.6	68.3	10 700 *	32.4	75.9	12 300 *	37.1	79.0	13 500 *	43.9	82.8	15 600 *	49.8	85.2	17 100							52.0
54.0	15.7	62.4	9 600 *	27.9	72.4	11 500 *	33.2	76.1	12 500 *	40.6	80.6	14 500 *	46.8	83.4	16 300							54.0
56.0				22.7	68.1	10 800 *	28.9	72.8	11 700 *	37.0	78.0	13 400 *	43.6	81.4	15 400	49.4	83.4	14 300				56.0
58.0				15.8	62.2	10 000 *	23.8	68.6	10 900 *	33.1	75.1	12 500 *	40.3	79.1	14 400 *	46.4	81.6	13 600				58.0
60.0							17.4	63.2	10 200 *	28.8	71.7	11 700 *	36.7	76.6	13 400 *	43.2	79.5	13 000				60.0
62.0										23.7	67.6	10 900 *	32.8	73.7	12 500 *	39.8	77.2	12 300	45.7	79.2	10 800 *	62.0
64.0										17.2	62.1	10 200 *	28.4	70.2	11 600 *	36.2	74.6	11 700	42.5	77.1	10 200 *	64.0
68.0													16.6	60.3	10 200 *	27.8	68.1	10 700	35.4	72.1	9 100 *	68.0
72.0																15.5	57.8	9 700 *	26.7	65.4	8 200 *	72.0
76.0																			13.6	54.2	7 300 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.3	101.8	31 200 *																			18.3
20.0	73.5	101.3	30 500 *																			20.0
22.0	71.3	100.6	29 500 *																			22.0
24.0	69.0	99.9	28 400 *																			24.0
26.0	66.8	99.1	27 200 *																			26.0
28.0	64.5	98.1	26 000 *	69.1	99.6	30 300 *																28.0
30.0	62.1	97.1	24 700 *	66.8	98.7	29 200 *																30.0
32.0	59.7	96.0	23 000 *	64.5	97.8	27 800 *	67.3	98.5	30 700 *													32.0
34.0	57.3	94.7	21 000 *	62.2	96.8	25 500 *	65.0	97.6	29 000 *													34.0
36.0	54.7	93.4	19 200 *	59.8	95.7	23 100 *	62.6	96.6	26 000 *													36.0
38.0	52.1	91.9	17 700 *	57.3	94.4	21 000 *	60.3	95.5	23 500 *													38.0
40.0	49.4	90.2	16 300 *	54.8	93.0	19 300 *	57.8	94.3	21 400 *	62.6	95.7	25 800										40.0
42.0	46.6	88.4	15 100 *	52.2	91.5	17 700 *	55.3	92.9	19 600 *	60.2	94.6	23 500 *										42.0
44.0	43.6	86.4	14 000 *	49.5	89.9	16 300 *	52.7	91.5	18 000 *	57.7	93.3	21 400 *										44.0
46.0	40.5	84.1	13 000 *	46.6	88.1	15 100 *	50.0	89.9	16 600 *	55.2	92.0	19 600 *										46.0
48.0	37.1	81.6	12 100 *	43.7	86.0	14 000 *	47.2	88.1	15 400 *	52.6	90.5	18 000 *										48.0
50.0	33.5	78.7	11 300 *	40.5	83.8	13 000 *	44.3	86.1	14 200 *	49.9	88.9	16 600 *	55.0	90.6	17 900							50.0
52.0	29.4	75.4	10 500 *	37.2	81.3	12 100 *	41.2	83.9	13 200 *	47.1	87.1	15 400 *	52.4	89.2	16 900							52.0
54.0	24.7	71.4	9 800 *	33.5	78.4	11 300 *	37.9	81.4	12 300 *	44.2	85.1	14 200 *	49.7	87.5	16 000							54.0
56.0	19.0	66.3	9 100 *	29.5	75.1	10 500 *	34.3	78.6	11 400 *	41.1	82.9	13 200 *	46.9	85.7	15 200							56.0
58.0				24.8	71.1	9 800 *	30.3	75.4	10 700 *	37.8	80.4	12 300 *	44.0	83.7	14 100 *	49.4	85.7	13 400				58.0
60.0				19.1	66.1	9 200 *	25.8	71.6	10 000 *	34.2	77.6	11 400 *	40.8	81.5	13 100 *	46.5	83.9	12 700				60.0
62.0				10.8	58.4	8 200 *	20.4	66.8	9 300 *	30.2	74.4	10 700 *	37.5	79.0	12 200 *	43.5	81.8	12 100				62.0
64.0							12.9	60.0	8 700 *	25.7	70.6	10 000 *	33.9	76.2	11 400 *	40.4	79.6	11 500	45.9	81.5	9 800 *	64.0
68.0										12.7	58.8	8 700 *	25.3	69.0	9 900 *	33.4	74.2	10 400 *	39.7	77.2	8 700 *	68.0
72.0																24.6	66.8	9 300 *	32.5	71.6	7 800 *	72.0
76.0																10.4	53.8	8 300 *	23.5	64.0	7 000 *	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

45.7m (150 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	74.6	104.5	28 200 *																			19.8
20.0	74.4	104.5	28 100 *																			20.0
22.0	72.3	103.9	27 300 *																			22.0
24.0	70.2	103.2	26 400 *																			24.0
26.0	68.1	102.4	25 500 *																			26.0
28.0	65.9	101.5	24 500 *	70.2	102.8	28 200 *																28.0
30.0	63.7	100.6	23 300 *	68.1	102.0	27 100 *																30.0
32.0	61.5	99.5	22 200 *	66.0	101.2	25 900 *																32.0
34.0	59.2	98.3	20 800 *	63.8	100.2	24 600 *	66.4	101.0	27 300 *													34.0
36.0	56.9	97.1	19 000 *	61.5	99.2	22 900 *	64.2	100.0	25 700 *													36.0
38.0	54.4	95.7	17 400 *	59.2	98.0	20 800 *	62.0	99.0	23 300 *													38.0
40.0	52.0	94.2	16 100 *	56.9	96.7	19 000 *	59.7	97.9	21 200 *													40.0
42.0	49.4	92.5	14 900 *	54.5	95.4	17 500 *	57.4	96.6	19 400 *	61.9	98.1	23 300 *										42.0
44.0	46.7	90.7	13 700 *	52.0	93.8	16 100 *	55.0	95.3	17 800 *	59.6	96.9	21 200 *										44.0
46.0	43.9	88.7	12 700 *	49.4	92.2	14 900 *	52.5	93.8	16 400 *	57.3	95.7	19 400 *										46.0
48.0	41.0	86.5	11 900 *	46.8	90.4	13 800 *	50.0	92.2	15 100 *	54.9	94.3	17 800 *										48.0
50.0	37.8	84.0	11 000 *	44.0	88.4	12 800 *	47.3	90.4	14 000 *	52.4	92.8	16 400 *										50.0
52.0	34.4	81.2	10 300 *	41.0	86.2	11 900 *	44.5	88.4	13 000 *	49.9	91.2	15 100 *	54.7	93.0	16 700							52.0
54.0	30.7	78.0	9 600 *	37.9	83.7	11 100 *	41.6	86.2	12 100 *	47.2	89.4	14 000 *	52.3	91.5	15 800							54.0
56.0	26.5	74.3	9 000 *	34.5	80.9	10 300 *	38.5	83.8	11 200 *	44.5	87.4	13 000 *	49.7	89.8	15 000							56.0
58.0	21.6	69.7	8 400 *	30.8	77.7	9 600 *	35.2	81.1	10 400 *	41.5	85.3	12 100 *	47.0	88.0	13 900 *	51.9	89.7	13 200				58.0
60.0	15.2	63.6	7 500 *	26.6	74.0	8 900 *	31.5	78.0	9 700 *	38.4	82.8	11 200 *	44.2	86.0	12 900 *	49.3	88.0	12 500				60.0
62.0				21.7	69.5	8 300 *	27.5	74.4	9 100 *	35.1	80.1	10 400 *	41.3	83.8	12 000 *	46.7	86.2	11 900				62.0
64.0				15.3	63.4	7 800 *	22.7	70.1	8 500 *	31.4	77.0	9 700 *	38.2	81.4	11 200 *	43.8	84.2	11 200 *				64.0
68.0										22.6	69.1	8 500 *	31.2	75.5	9 700 *	37.7	79.5	10 100 *	43.2	81.8	8 500 *	68.0
72.0													22.2	67.4	8 500 *	30.6	73.5	9 100 *	37.0	77.0	7 500 *	72.0
76.0																21.5	65.2	8 100 *	29.8	70.8	6 700 *	76.0
80.0																			20.3	62.1	5 900 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	75.3	107.7	25 800 *																			19.8
20.0	75.2	107.6	25 700 *																			20.0
22.0	73.2	107.0	25 100 *																			22.0
24.0	71.2	106.4	24 400 *																			24.0
26.0	69.2	105.7	23 600 *																			26.0
28.0	67.2	104.8	22 800 *																			28.0
30.0	65.1	103.9	21 800 *	69.3	105.3	24 400 *																30.0
32.0	63.0	103.0	20 500 *	67.2	104.5	23 200 *																32.0
34.0	60.9	101.9	19 300 *	65.2	103.6	22 000 *																34.0
36.0	58.7	100.7	18 100 *	63.1	102.6	20 800 *	65.6	103.4	23 800 *													36.0
38.0	56.5	99.4	17 000 *	60.9	101.5	19 600 *	63.5	102.4	22 400 *													38.0
40.0	54.2	98.0	15 900 *	58.8	100.4	18 400 *	61.4	101.4	21 100 *													40.0
42.0	51.8	96.5	14 800 *	56.5	99.1	17 200 *	59.2	100.2	19 500 *													42.0
44.0	49.4	94.8	13 700 *	54.2	97.7	16 000 *	57.0	99.0	17 800 *	61.3	100.4	20 700 *										44.0
46.0	46.8	93.0	12 600 *	51.9	96.2	14 800 *	54.7	97.6	16 400 *	59.1	99.3	19 400 *										46.0
48.0	44.2	91.0	11 700 *	49.4	94.5	13 700 *	52.3	96.1	15 100 *	56.9	98.0	17 800 *										48.0
50.0	41.4	88.8	10 900 *	46.9	92.7	12 700 *	49.9	94.5	13 900 *	54.6	96.6	16 300 *										50.0
52.0	38.4	86.4	10 100 *	44.2	90.7	11 800 *	47.4	92.7	12 900 *	52.3	95.1	15 000 *	56.7	96.7	16 400							52.0
54.0	35.3	83.7	9 400 *	41.4	88.5	10 900 *	44.8	90.7	11 900 *	49.8	93.5	13 900 *	54.4	95.3	15 500							54.0
56.0	31.8	80.6	8 800 *	38.5	86.1	10 100 *	42.0	88.6	11 100 *	47.3	91.7	12 800 *	52.1	93.8	14 700							56.0
58.0	28.0	77.1	8 200 *	35.3	83.4	9 400 *	39.1	86.2	10 300 *	44.7	89.7	11 900 *	49.7	92.1	13 800 *							58.0
60.0	23.7	72.9	7 600 *	31.9	80.3	8 800 *	36.0	83.6	9 600 *	41.9	87.6	11 100 *	47.1	90.3	12 800 *	51.8	92.0	12 200 *				60.0
62.0	18.3	67.6	7 000 *	28.1	76.8	8 200 *	32.6	80.6	8 900 *	39.0	85.2	10 300 *	44.5	88.3	11 900 *	49.3	90.3	11 500 *				62.0
64.0	10.6	59.6	5 900 *	23.7	72.6	7 600 *	28.9	77.2	8 300 *	35.9	82.6	9 600 *	41.7	86.2	11 000 *	46.8	88.5	10 900 *				64.0
68.0				10.8	59.5	6 300 *	19.6	68.1	7 200 *	28.8	76.2	8 300 *	35.6	81.1	9 500 *	41.3	84.3	9 800 *	46.2	86.2	8 100 *	68.0
72.0										19.4	67.1	7 200 *	28.5	74.6	8 300 *	35.2	79.1	8 800 *	40.7	81.9	7 200 *	72.0
76.0													19.0	65.4	7 200 *	27.9	72.5	7 800 *	34.5	76.6	6 300 *	76.0
80.0																18.2	63.0	7 000 *	27.1	69.8	5 600 *	80.0
84.0																			16.8	59.7	4 900 *	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	64.3	70.9	61 500 *b																			13.7
14.0	63.5	70.8	60 800 *b																			14.0
16.0	57.2	69.6	56 400 *b																			16.0
18.0	50.5	68.1	51 600 *																			18.0
20.0	42.9	66.1	44 600 *	58.2	69.4	55 900 *b	66.0	70.4	62 500 *b													20.0
22.0	34.1	63.5	39 000 *	51.5	67.9	51 900 *b	59.9	69.3	58 100 *b													22.0
24.0	22.3	59.6	34 500 *	44.1	66.0	45 800 *	53.4	68.0	53 500 *b													24.0
26.0				35.5	63.6	39 800 *	46.3	66.2	47 700 *	60.6	68.5	47 300 b										26.0
28.0				24.4	59.9	35 200 *	38.1	63.9	41 400 *	54.1	67.2	43 200 b										28.0
30.0							28.0	60.7	36 500 *	47.0	65.5	39 700										30.0
32.0							10.8	54.7	32 500 *	39.0	63.2	36 600	54.5	65.9	34 600 b							32.0
34.0										29.1	60.1	34 000	47.4	64.2	32 100							34.0
36.0													39.5	62.0	29 900							36.0
38.0													29.7	59.0	28 000	47.3	62.5	26 400				38.0
40.0																39.3	60.3	24 700				40.0
42.0																29.6	57.3	23 200				42.0
44.0																14.6	52.1	21 900	38.5	58.0	20 600	44.0
46.0																			28.5	54.9	19 500	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	67.7	74.3	59 400 *b																			13.7
14.0	67.0	74.1	58 800 *b																			14.0
16.0	61.8	73.1	54 600 *b																			16.0
18.0	56.2	71.9	51 000 *																			18.0
20.0	50.3	70.4	44 900 *	62.6	72.9	54 300 *b																20.0
22.0	43.7	68.4	39 200 *	57.1	71.7	50 900 *b	64.0	72.8	56 700 *b													22.0
24.0	36.3	66.0	34 700 *	51.2	70.2	46 100 *	58.6	71.7	52 800 *													24.0
26.0	27.1	62.6	31 000 *	44.8	68.4	40 000 *	52.9	70.3	48 000 *													26.0
28.0				37.5	66.0	35 300 *	46.6	68.5	41 600 *	59.2	70.8	42 900 b										28.0
30.0				28.6	62.8	31 500 *	39.6	66.3	36 600 *	53.5	69.5	39 400										30.0
32.0				15.6	57.7	28 400 *	31.3	63.4	32 700 *	47.3	67.8	36 400										32.0
34.0							20.1	59.1	29 300 *	40.4	65.6	33 700	53.8	68.2	31 800							34.0
36.0										32.3	62.8	31 400	47.6	66.5	29 700							36.0
38.0										21.5	58.7	29 300	40.8	64.4	27 700							38.0
40.0													32.7	61.6	26 000	47.5	64.8	24 500				40.0
42.0													22.2	57.6	24 400	40.7	62.7	23 000				42.0
44.0																32.6	59.9	21 600				44.0
46.0																22.0	55.9	20 400	40.0	60.4	19 200	46.0
48.0																			31.8	57.6	18 100	48.0
50.0																			20.8	53.3	17 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	70.3	77.5	57 400 *b																			13.7
14.0	69.7	77.4	56 800 *b																			14.0
16.0	65.1	76.6	53 000 *b																			16.0
18.0	60.4	75.5	49 600 *																			18.0
20.0	55.4	74.2	45 100 *	65.8	76.3	52 700 *b																20.0
22.0	50.1	72.7	39 300 *	61.1	75.3	49 500 *																22.0
24.0	44.4	70.7	34 800 *	56.2	74.1	45 700 *	62.5	75.2	51 800 *													24.0
26.0	37.9	68.4	31 100 *	50.9	72.5	40 100 *	57.6	74.0	47 800 *													26.0
28.0	30.3	65.3	28 100 *	45.3	70.7	35 400 *	52.4	72.6	41 700 *													28.0
30.0	20.2	60.9	25 500 *	38.9	68.4	31 600 *	46.9	70.8	36 700 *	58.1	73.2	39 200										30.0
32.0				31.5	65.5	28 500 *	40.8	68.7	32 700 *	53.0	71.8	36 200										32.0
34.0				22.0	61.4	25 900 *	33.7	66.0	29 400 *	47.5	70.1	33 600										34.0
36.0							25.0	62.3	26 600 *	41.4	68.0	31 300	53.3	70.5	29 500							36.0
38.0							10.7	55.8	24 200 *	34.5	65.3	29 200	47.8	68.8	27 500							38.0
40.0										26.0	61.8	26 900 *	41.8	66.8	25 800							40.0
42.0													34.9	64.1	24 300	47.7	67.1	22 800				42.0
44.0													26.5	60.7	22 800	41.7	65.0	21 400				44.0
46.0																34.8	62.4	20 200	47.2	64.9	18 900	46.0
48.0																26.4	58.9	19 100	41.1	62.8	17 900	48.0
50.0																13.6	53.2	18 100	34.1	60.1	17 000	50.0
52.0																			25.4	56.5	16 100	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	72.4	80.8	55 300 * b																			13.7
14.0	71.8	80.7	54 800 * b																			14.0
16.0	67.8	79.9	51 300 * b																			16.0
18.0	63.6	79.0	48 100 *																			18.0
20.0	59.3	77.9	44 900 *	68.4	79.7	51 000 * b																20.0
22.0	54.8	76.5	39 300 *	64.3	78.8	48 000 *																22.0
24.0	50.0	75.0	34 700 *	60.0	77.7	45 300 *	65.4	78.6	50 400 *													24.0
26.0	44.8	73.1	31 000 *	55.5	76.4	40 100 *	61.2	77.6	47 100 *													26.0
28.0	39.1	70.8	28 000 *	50.8	74.8	35 400 *	56.8	76.4	41 800 *													28.0
30.0	32.6	67.9	25 400 *	45.6	73.0	31 600 *	52.1	74.9	36 700 *													30.0
32.0	24.6	64.2	23 200 *	40.0	70.8	28 400 *	47.1	73.1	32 700 *	57.2	75.5	35 900										32.0
34.0				33.7	68.0	25 800 *	41.7	71.0	29 300 *	52.6	74.1	33 300										34.0
36.0				25.9	64.4	23 500 *	35.5	68.5	26 500 *	47.6	72.4	31 000										36.0
38.0				14.7	58.8	21 500 *	28.3	65.2	24 200 *	42.2	70.3	29 000	52.8	72.8	27 200							38.0
40.0							18.5	60.4	22 100 *	36.2	67.8	26 900 *	47.9	71.1	25 500							40.0
42.0										29.1	64.6	24 400 *	42.5	69.1	24 000							42.0
44.0										19.7	60.0	22 400 *	36.5	66.6	22 600	47.8	69.4	21 200				44.0
46.0													29.5	63.4	21 300	42.5	67.4	20 000				46.0
48.0													20.3	59.0	20 100	36.5	64.9	18 900				48.0
50.0																29.4	61.7	17 900	41.9	65.1	16 600	50.0
52.0																20.1	57.2	16 900	35.8	62.6	15 700 *	52.0
54.0																			28.6	59.3	14 900 *	54.0
56.0																			19.0	54.6	14 100 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.0	84.0	52 800 *b																			13.7
14.0	73.5	83.9	52 300 *b																			14.0
16.0	69.9	83.2	49 100 *b																			16.0
18.0	66.2	82.4	46 200 *																			18.0
20.0	62.4	81.4	43 500 *	70.5	82.9	48 800 *b																20.0
22.0	58.4	80.2	40 500 *	66.8	82.1	46 200 *																22.0
24.0	54.3	78.8	35 800 *	63.0	81.2	43 700 *																24.0
26.0	49.9	77.3	31 900 *	59.0	80.0	41 200 *	64.0	81.0	45 900 *													26.0
28.0	45.2	75.4	28 800 *	54.9	78.7	36 400 *	60.1	80.0	42 700 *													28.0
30.0	40.1	73.2	26 100 *	50.6	77.1	32 500 *	56.1	78.7	37 800 *													30.0
32.0	34.4	70.5	23 800 *	46.0	75.3	29 200 *	51.8	77.2	33 600 *	60.6	79.1	35 600										32.0
34.0	27.6	67.0	21 800 *	40.9	73.1	26 500 *	47.3	75.4	30 100 *	56.5	77.8	33 100										34.0
36.0	18.7	62.2	19 900 *	35.3	70.5	24 100 *	42.4	73.4	27 300 *	52.3	76.4	30 800										36.0
38.0				28.7	67.2	22 100 *	36.9	70.9	24 800 *	47.8	74.7	28 800										38.0
40.0				20.3	62.7	20 400 *	30.7	67.8	22 700 *	42.9	72.6	26 900 *	52.5	75.1	25 300							40.0
42.0							22.9	63.8	20 900 *	37.5	70.2	25 100 *	48.0	73.4	23 700							42.0
44.0							10.6	56.8	19 000 *	31.4	67.2	22 900 *	43.2	71.4	22 400							44.0
46.0										23.8	63.3	21 100 *	37.8	69.0	21 100	47.9	71.7	19 700				46.0
48.0													31.7	66.1	19 900	43.1	69.7	18 600				48.0
50.0													24.3	62.2	18 900	37.8	67.3	17 600				50.0
52.0																31.6	64.3	16 700	42.6	67.5	15 400 *	52.0
54.0																24.2	60.5	15 900	37.2	65.0	14 600 *	54.0
56.0																13.1	54.3	15 100	31.0	62.0	13 800 *	56.0
58.0																			23.3	58.0	13 100 *	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.4	87.1	50 800 *b																			13.7
14.0	74.9	87.1	50 300 *b																			14.0
16.0	71.7	86.4	47 400 *b																			16.0
18.0	68.3	85.7	44 600 *																			18.0
20.0	64.9	84.8	42 200 *																			20.0
22.0	61.3	83.8	39 700 *	68.8	85.4	44 600 *																22.0
24.0	57.7	82.5	35 800 *	65.4	84.6	42 400 *																24.0
26.0	53.9	81.2	31 800 *	61.9	83.5	40 100 *	66.4	84.4	44 500 *													26.0
28.0	49.8	79.6	28 600 *	58.2	82.4	36 400 *	62.9	83.4	41 900 *													28.0
30.0	45.6	77.7	25 900 *	54.4	81.0	32 300 *	59.3	82.3	37 800 *													30.0
32.0	40.9	75.5	23 600 *	50.5	79.4	29 000 *	55.5	81.0	33 400 *													32.0
34.0	35.8	72.9	21 600 *	46.2	77.6	26 300 *	51.6	79.5	29 900 *	59.6	81.5	32 800										34.0
36.0	30.0	69.8	19 900 *	41.7	75.5	24 000 *	47.4	77.7	27 100 *	55.9	80.2	30 500										36.0
38.0	22.7	65.6	18 400 *	36.6	73.0	22 000 *	43.0	75.7	24 600 *	52.0	78.7	28 500										38.0
40.0				30.9	69.9	20 200 *	38.1	73.3	22 500 *	47.9	77.0	26 700 *	56.1	78.9	25 000							40.0
42.0				23.9	66.0	18 600 *	32.6	70.4	20 700 *	43.4	75.0	24 900 *	52.2	77.4	23 500							42.0
44.0				14.0	59.9	17 300 *	26.1	66.8	19 100 *	38.6	72.6	22 700 *	48.1	75.7	22 100							44.0
46.0							17.3	61.6	17 600 *	33.2	69.8	20 900 *	43.7	73.7	20 800	52.2	75.7	19 400				46.0
48.0										26.8	66.2	19 300 *	38.9	71.4	19 700	48.0	74.0	18 300				48.0
50.0										18.4	61.3	17 800 *	33.5	68.6	18 600	43.6	72.0	17 400				50.0
52.0													27.2	65.1	17 700	38.8	69.7	16 500	47.6	71.8	15 100 *	52.0
54.0													18.9	60.3	16 800	33.4	66.9	15 600	43.2	69.8	14 200 *	54.0
56.0																27.1	63.4	14 800	38.3	67.4	13 500 *	56.0
58.0																18.8	58.5	14 100	32.9	64.6	12 800 *	58.0
60.0																			26.4	61.0	12 100 *	60.0
62.0																			17.8	55.9	11 400 *	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.3	89.9	46 700 *																			15.2
16.0	73.1	89.7	45 700 *																			16.0
18.0	70.1	89.0	43 200 *																			18.0
20.0	66.9	88.2	40 900 *																			20.0
22.0	63.7	87.2	38 800 *																			22.0
24.0	60.4	86.1	35 700 *	67.4	87.9	41 100 *																24.0
26.0	57.0	84.9	31 700 *	64.2	87.0	39 100 *																26.0
28.0	53.5	83.5	28 500 *	60.9	85.9	36 500 *	65.1	86.9	41 100 *													28.0
30.0	49.8	81.9	25 900 *	57.6	84.7	32 300 *	61.9	85.8	37 800 *													30.0
32.0	45.8	80.0	23 600 *	54.0	83.3	29 000 *	58.5	84.7	33 300 *													32.0
34.0	41.6	77.9	21 600 *	50.3	81.7	26 200 *	55.0	83.3	29 900 *	62.2	85.0	32 700										34.0
36.0	37.0	75.4	19 900 *	46.4	79.9	23 900 *	51.4	81.8	27 000 *	58.9	83.8	30 400										36.0
38.0	31.8	72.4	18 300 *	42.3	77.8	21 900 *	47.6	80.0	24 600 *	55.4	82.5	28 400										38.0
40.0	25.7	68.7	17 000 *	37.7	75.4	20 100 *	43.5	78.0	22 500 *	51.8	81.0	26 600 *										40.0
42.0	17.6	63.5	15 600 *	32.6	72.5	18 600 *	39.0	75.7	20 600 *	48.0	79.3	24 800 *	55.6	81.2	23 400							42.0
44.0				26.7	68.9	17 200 *	34.1	73.0	19 000 *	43.9	77.3	22 700 *	52.0	79.7	22 000							44.0
46.0				19.0	64.0	16 000 *	28.4	69.6	17 600 *	39.5	75.0	20 800 *	48.2	78.0	20 700							46.0
48.0							21.4	65.2	16 300 *	34.6	72.3	19 200 *	44.1	76.1	19 600							48.0
50.0							10.5	57.9	15 000 *	29.1	69.0	17 800 *	39.7	73.8	18 600	48.1	76.3	17 300				50.0
52.0										22.2	64.7	16 500 *	34.9	71.1	17 600	44.1	74.4	16 300				52.0
54.0													29.4	67.9	16 700	39.7	72.1	15 500				54.0
56.0													22.6	63.7	15 900	34.8	69.4	14 800	43.7	72.1	13 300 *	56.0
58.0																29.3	66.1	14 000	39.2	69.8	12 600 *	58.0
60.0																22.5	61.9	13 400	34.3	67.1	11 900 *	60.0
62.0																12.6	55.4	12 700	28.7	63.8	11 300 *	62.0
64.0																			21.8	59.4	10 700 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.4	93.0	43 900 *																			15.2
16.0	74.4	92.8	43 300 *																			16.0
18.0	71.5	92.2	41 500 *																			18.0
20.0	68.7	91.5	39 500 *																			20.0
22.0	65.7	90.6	37 300 *																			22.0
24.0	62.8	89.6	35 000 *	69.1	91.2	39 600 *																24.0
26.0	59.7	88.5	31 500 *	66.2	90.4	37 800 *																26.0
28.0	56.5	87.2	28 300 *	63.2	89.4	35 800 *	67.0	90.2	39 800 *													28.0
30.0	53.2	85.8	25 600 *	60.1	88.3	32 200 *	64.0	89.3	37 200 *													30.0
32.0	49.7	84.2	23 400 *	57.0	87.0	28 800 *	61.0	88.2	33 200 *													32.0
34.0	46.1	82.3	21 400 *	53.7	85.6	26 100 *	57.9	87.0	29 700 *													34.0
36.0	42.2	80.2	19 700 *	50.3	84.0	23 700 *	54.6	85.6	26 800 *	61.3	87.3	30 100										36.0
38.0	38.0	77.8	18 100 *	46.6	82.2	21 700 *	51.2	84.1	24 400 *	58.2	86.2	28 000 *										38.0
40.0	33.3	74.9	16 800 *	42.8	80.2	19 900 *	47.7	82.3	22 300 *	55.0	84.8	26 200 *										40.0
42.0	27.9	71.5	15 600 *	38.6	77.8	18 400 *	43.9	80.4	20 400 *	51.6	83.3	24 500 *										42.0
44.0	21.4	67.0	14 500 *	34.0	75.0	17 000 *	39.8	78.1	18 800 *	48.0	81.6	22 500 *	55.1	83.6	21 700							44.0
46.0				28.8	71.7	15 800 *	35.4	75.4	17 400 *	44.3	79.6	20 600 *	51.8	82.0	20 500							46.0
48.0				22.4	67.4	14 700 *	30.3	72.3	16 100 *	40.2	77.4	19 000 *	48.2	80.3	19 400							48.0
50.0				13.5	61.0	13 700 *	24.4	68.3	15 000 *	35.8	74.8	17 500 *	44.5	78.4	18 300							50.0
52.0							16.5	62.8	14 000 *	30.9	71.7	16 300 *	40.5	76.2	17 400	48.2	78.6	16 100				52.0
54.0										25.0	67.8	15 100 *	36.1	73.6	16 500	44.4	76.7	15 200				54.0
56.0										17.4	62.5	14 100 *	31.2	70.5	15 700	40.4	74.4	14 500				56.0
58.0													25.4	66.7	14 900	36.0	71.9	13 800	44.1	74.5	12 200 *	58.0
60.0													17.9	61.5	14 100	31.1	68.8	13 100	40.0	72.2	11 600 *	60.0
62.0																25.3	65.0	12 500	35.6	69.6	11 000 *	62.0
64.0																17.8	59.8	11 900	30.6	66.4	10 400 *	64.0
68.0																			16.9	57.1	9 300 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.4	95.8	39 400 *																			16.8
18.0	72.8	95.4	38 400 *																			18.0
20.0	70.2	94.7	36 800 *																			20.0
22.0	67.5	93.9	35 000 *																			22.0
24.0	64.7	93.0	33 100 *																			24.0
26.0	61.9	92.0	31 100 *	67.9	93.7	36 200 *																26.0
28.0	59.0	90.8	28 900 *	65.1	92.8	34 600 *																28.0
30.0	56.0	89.5	26 100 *	62.3	91.8	32 600 *	65.9	92.6	36 700 *													30.0
32.0	52.9	88.1	23 800 *	59.4	90.6	29 400 *	63.1	91.7	33 800 *													32.0
34.0	49.7	86.5	21 700 *	56.5	89.4	26 500 *	60.2	90.6	30 300 *													34.0
36.0	46.3	84.6	19 900 *	53.4	87.9	24 100 *	57.3	89.3	27 300 *													36.0
38.0	42.7	82.5	18 400 *	50.2	86.3	22 000 *	54.3	87.9	24 700 *	60.5	89.7	27 700 *										38.0
40.0	38.8	80.2	17 000 *	46.8	84.5	20 200 *	51.1	86.4	22 600 *	57.6	88.5	25 900 *										40.0
42.0	34.5	77.4	15 800 *	43.2	82.5	18 600 *	47.8	84.7	20 700 *	54.6	87.1	24 200 *										42.0
44.0	29.8	74.2	14 700 *	39.4	80.2	17 200 *	44.2	82.7	19 100 *	51.4	85.6	22 700 *										44.0
46.0	24.1	70.2	13 600 *	35.2	77.5	15 900 *	40.5	80.5	17 600 *	48.1	83.9	20 900 *	54.7	85.9	20 200							46.0
48.0	16.8	64.7	12 400 *	30.5	74.3	14 800 *	36.4	77.9	16 300 *	44.6	81.9	19 200 *	51.6	84.3	19 100							48.0
50.0				25.0	70.5	13 800 *	31.9	74.9	15 200 *	40.9	79.7	17 800 *	48.3	82.6	18 100							50.0
52.0				18.1	65.3	12 900 *	26.7	71.2	14 100 *	36.8	77.2	16 400 *	44.8	80.7	17 100	51.5	82.6	15 800				52.0
54.0							20.2	66.5	13 200 *	32.4	74.2	15 300 *	41.1	78.5	16 300	48.2	80.9	15 000				54.0
56.0							10.5	59.0	11 800 *	27.2	70.7	14 200 *	37.1	76.0	15 400	44.7	79.0	14 300				56.0
58.0										21.0	66.1	13 200 *	32.6	73.1	14 700 *	41.0	76.8	13 600				58.0
60.0													27.5	69.6	13 900 *	37.0	74.3	12 900	44.4	76.8	11 200 *	60.0
62.0													21.4	65.1	13 200 *	32.5	71.4	12 300	40.7	74.6	10 600 *	62.0
64.0													12.5	58.3	12 400 *	27.5	67.8	11 700	36.6	72.0	10 100 *	64.0
68.0																12.3	56.5	10 600	26.9	65.4	9 000 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.4	98.9	36 200 *																			16.8
18.0	73.9	98.6	35 500 *																			18.0
20.0	71.5	98.0	34 200 *																			20.0
22.0	68.9	97.2	32 800 *																			22.0
24.0	66.4	96.4	31 200 *																			24.0
26.0	63.8	95.4	29 500 *	69.3	97.0	34 900 *																26.0
28.0	61.1	94.4	27 800 *	66.8	96.1	33 400 *																28.0
30.0	58.4	93.2	25 800 *	64.2	95.2	32 000 *																30.0
32.0	55.6	91.9	23 500 *	61.5	94.2	29 100 *	64.9	95.1	33 600 *													32.0
34.0	52.7	90.4	21 400 *	58.8	93.0	26 300 *	62.3	94.1	30 000 *													34.0
36.0	49.6	88.8	19 700 *	56.0	91.7	23 800 *	59.6	92.9	27 000 *													36.0
38.0	46.4	86.9	18 100 *	53.1	90.2	21 800 *	56.8	91.7	24 500 *													38.0
40.0	43.1	84.9	16 800 *	50.1	88.6	19 900 *	53.9	90.3	22 300 *	59.9	92.1	25 500 *										40.0
42.0	39.5	82.6	15 500 *	46.9	86.8	18 400 *	50.9	88.7	20 500 *	57.1	90.8	23 900 *										42.0
44.0	35.6	79.9	14 400 *	43.6	84.8	17 000 *	47.8	87.0	18 800 *	54.2	89.4	22 400 *										44.0
46.0	31.3	76.8	13 400 *	40.0	82.5	15 700 *	44.5	85.0	17 400 *	51.3	87.9	20 700 *	57.2	89.6	20 000							46.0
48.0	26.3	73.1	12 500 *	36.2	80.0	14 600 *	41.1	82.8	16 100 *	48.2	86.2	19 000 *	54.4	88.2	18 900							48.0
50.0	20.3	68.4	11 700 *	31.9	76.9	13 600 *	37.3	80.3	14 900 *	44.9	84.2	17 500 *	51.4	86.6	17 800							50.0
52.0				27.1	73.4	12 700 *	33.2	77.4	13 900 *	41.4	82.1	16 200 *	48.3	84.9	16 900							52.0
54.0				21.3	68.8	11 800 *	28.5	74.0	12 900 *	37.7	79.6	15 000 *	45.1	83.0	16 000	51.4	84.9	14 800				54.0
56.0				13.1	62.1	10 700 *	23.0	69.8	12 000 *	33.6	76.8	14 000 *	41.6	80.9	15 200 *	48.3	83.2	14 000				56.0
58.0							15.8	64.0	11 200 *	29.0	73.4	13 000 *	37.9	78.4	14 300 *	45.0	81.3	13 300				58.0
60.0										23.7	69.3	12 100 *	33.8	75.6	13 600 *	41.6	79.1	12 600				60.0
62.0										16.7	63.7	11 300 *	29.3	72.3	12 900 *	37.8	76.7	12 000	44.7	79.1	10 300 *	62.0
64.0													24.0	68.2	12 200 *	33.8	73.9	11 500	41.2	76.9	9 700 *	64.0
68.0																23.9	66.5	10 400 *	33.4	71.6	8 700 *	68.0
72.0																23.3	64.0	7 800 *	23.3	64.0	7 800 *	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.6	101.7	32 600 *																			18.3
20.0	72.6	101.2	31 700 *																			20.0
22.0	70.2	100.5	30 600 *																			22.0
24.0	67.9	99.7	29 300 *																			24.0
26.0	65.5	98.8	27 900 *	70.6	100.2	33 200 *																26.0
28.0	63.0	97.8	26 400 *	68.2	99.4	32 200 *																28.0
30.0	60.5	96.7	24 900 *	65.8	98.6	31 100 *																30.0
32.0	57.9	95.5	23 400 *	63.4	97.6	29 000 *	66.5	98.4	32 700 *													32.0
34.0	55.2	94.2	21 300 *	60.8	96.5	26 100 *	64.0	97.5	29 900 *													34.0
36.0	52.5	92.7	19 600 *	58.3	95.3	23 700 *	61.5	96.4	26 900 *													36.0
38.0	49.6	91.1	18 000 *	55.6	94.0	21 600 *	59.0	95.3	24 400 *													38.0
40.0	46.6	89.2	16 600 *	52.9	92.6	19 800 *	56.4	94.0	22 200 *	61.8	95.6	25 600 *										40.0
42.0	43.5	87.2	15 400 *	50.0	90.9	18 200 *	53.6	92.6	20 300 *	59.3	94.4	23 900 *										42.0
44.0	40.1	84.9	14 300 *	47.1	89.1	16 800 *	50.8	91.0	18 700 *	56.6	93.2	22 400 *										44.0
46.0	36.5	82.4	13 300 *	43.9	87.1	15 600 *	47.9	89.3	17 200 *	53.9	91.8	20 500 *										46.0
48.0	32.6	79.4	12 400 *	40.6	84.9	14 500 *	44.8	87.3	15 900 *	51.1	90.2	18 900 *	56.8	91.9	18 700							48.0
50.0	28.1	75.9	11 500 *	37.1	82.4	13 400 *	41.6	85.2	14 800 *	48.2	88.5	17 400 *	54.1	90.5	17 700							50.0
52.0	22.9	71.6	10 800 *	33.2	79.5	12 500 *	38.1	82.7	13 700 *	45.1	86.6	16 100 *	51.3	89.0	16 700							52.0
54.0	16.1	65.9	9 800 *	28.8	76.1	11 700 *	34.3	79.9	12 800 *	41.9	84.4	14 900 *	48.4	87.2	15 900							54.0
56.0				23.7	72.0	10 900 *	30.1	76.7	11 900 *	38.4	82.0	13 800 *	45.3	85.3	15 100	51.2	87.2	13 900				56.0
58.0				17.3	66.5	10 200 *	25.3	72.8	11 100 *	34.7	79.3	12 900 *	42.1	83.2	14 200 *	48.3	85.5	13 200				58.0
60.0							19.3	67.8	10 400 *	30.5	76.1	12 000 *	38.6	80.8	13 500 *	45.3	83.6	12 500				60.0
62.0							10.4	60.1	9 400 *	25.8	72.3	11 200 *	34.9	78.1	12 800 *	42.0	81.5	11 900				62.0
64.0										20.0	67.5	10 500 *	30.8	74.9	12 100 *	38.6	79.1	11 300	45.0	81.4	9 600 *	64.0
68.0													20.3	66.4	10 500 *	30.7	73.2	10 300 *	38.2	76.8	8 500 *	68.0
72.0																20.2	64.7	9 200 *	30.3	70.9	7 600 *	72.0
76.0																			19.6	62.1	6 800 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.4	104.9	30 000 *																			18.3
20.0	73.6	104.4	29 300 *																			20.0
22.0	71.4	103.7	28 400 *																			22.0
24.0	69.2	103.0	27 300 *																			24.0
26.0	66.9	102.2	26 200 *																			26.0
28.0	64.6	101.2	25 000 *	69.5	102.7	30 100 *																28.0
30.0	62.3	100.2	23 700 *	67.2	101.9	29 100 *																30.0
32.0	59.9	99.1	22 500 *	64.9	101.0	27 900 *	67.9	101.7	30 700 *													32.0
34.0	57.4	97.9	21 100 *	62.6	100.0	26 000 *	65.6	100.9	29 300 *													34.0
36.0	54.9	96.5	19 300 *	60.2	98.9	23 500 *	63.3	99.9	26 700 *													36.0
38.0	52.3	95.0	17 800 *	57.8	97.7	21 400 *	60.9	98.8	24 100 *													38.0
40.0	49.6	93.4	16 400 *	55.3	96.3	19 600 *	58.5	97.6	22 000 *													40.0
42.0	46.7	91.5	15 100 *	52.7	94.9	18 000 *	56.0	96.3	20 100 *	61.1	98.0	23 500 *										42.0
44.0	43.8	89.5	14 000 *	50.0	93.2	16 600 *	53.4	94.9	18 400 *	58.7	96.8	22 000 *										44.0
46.0	40.6	87.3	13 000 *	47.2	91.4	15 300 *	50.7	93.3	17 000 *	56.2	95.5	20 300 *										46.0
48.0	37.3	84.8	12 100 *	44.2	89.5	14 200 *	48.0	91.6	15 700 *	53.7	94.1	18 600 *										48.0
50.0	33.7	81.9	11 300 *	41.1	87.3	13 200 *	45.1	89.6	14 500 *	51.0	92.5	17 100 *	56.4	94.2	17 400							50.0
52.0	29.6	78.6	10 500 *	37.8	84.8	12 300 *	42.0	87.5	13 500 *	48.2	90.8	15 800 *	53.8	92.8	16 500							52.0
54.0	25.0	74.7	9 800 *	34.2	82.0	11 400 *	38.8	85.1	12 500 *	45.4	88.9	14 600 *	51.1	91.3	15 600 *							54.0
56.0	19.4	69.7	9 200 *	30.3	78.8	10 600 *	35.3	82.4	11 700 *	42.3	86.8	13 600 *	48.4	89.5	14 700 *							56.0
58.0				25.7	75.0	9 900 *	31.4	79.3	10 900 *	39.1	84.4	12 600 *	45.5	87.6	13 900 *	51.1	89.5	12 900				58.0
60.0				20.3	70.2	9 300 *	27.1	75.7	10 100 *	35.6	81.7	11 800 *	42.5	85.5	13 200 *	48.4	87.8	12 300				60.0
62.0				12.8	63.2	8 500 *	22.0	71.2	9 500 *	31.8	78.7	11 000 *	39.3	83.2	12 500 *	45.5	85.9	11 700				62.0
64.0							15.3	65.1	8 900 *	27.5	75.1	10 200 *	35.8	80.6	11 800 *	42.4	83.8	11 000 *				64.0
68.0										16.1	64.9	8 900 *	27.8	74.0	10 300 *	35.8	78.8	9 900 *	42.1	81.6	8 200 *	68.0
72.0													16.5	64.0	9 000 *	27.7	72.3	8 900 *	35.4	76.5	7 300 *	72.0
76.0																16.4	62.2	8 000 *	27.3	69.9	6 500 *	76.0
80.0																			15.6	59.5	5 700 *	80.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	74.7	107.6	27 100 *																			19.8
20.0	74.5	107.5	27 000 *																			20.0
22.0	72.4	106.9	26 200 *																			22.0
24.0	70.3	106.2	25 400 *																			24.0
26.0	68.2	105.5	24 400 *																			26.0
28.0	66.0	104.6	23 500 *																			28.0
30.0	63.8	103.7	22 400 *	68.5	105.2	26 400 *																30.0
32.0	61.6	102.6	21 400 *	66.4	104.4	25 200 *																32.0
34.0	59.3	101.5	20 300 *	64.2	103.4	24 000 *	67.0	104.2	27 400 *													34.0
36.0	57.0	100.2	19 200 *	61.9	102.4	22 800 *	64.8	103.3	26 100 *													36.0
38.0	54.6	98.8	17 800 *	59.7	101.3	21 500 *	62.6	102.3	24 300 *													38.0
40.0	52.1	97.3	16 300 *	57.3	100.0	19 600 *	60.3	101.2	22 100 *													40.0
42.0	49.5	95.7	15 100 *	54.9	98.7	18 000 *	58.0	100.0	20 100 *													42.0
44.0	46.9	93.8	14 000 *	52.5	97.2	16 600 *	55.6	98.6	18 500 *	60.5	100.3	21 700 *										44.0
46.0	44.1	91.8	12 900 *	49.9	95.5	15 300 *	53.2	97.2	17 000 *	58.2	99.1	20 300 *										46.0
48.0	41.1	89.6	12 000 *	47.3	93.7	14 100 *	50.6	95.6	15 700 *	55.9	97.8	18 700 *										48.0
50.0	38.0	87.2	11 200 *	44.5	91.8	13 100 *	48.0	93.9	14 500 *	53.4	96.4	17 100 *										50.0
52.0	34.6	84.4	10 400 *	41.6	89.6	12 200 *	45.3	91.9	13 400 *	50.9	94.8	15 800 *	56.0	96.6	16 200 *							52.0
54.0	30.9	81.3	9 700 *	38.5	87.2	11 300 *	42.4	89.8	12 400 *	48.3	93.1	14 600 *	53.6	95.1	15 300 *							54.0
56.0	26.8	77.6	9 100 *	35.1	84.5	10 500 *	39.4	87.5	11 600 *	45.6	91.2	13 500 *	51.0	93.6	14 400 *							56.0
58.0	21.9	73.1	8 400 *	31.5	81.4	9 800 *	36.1	84.9	10 800 *	42.7	89.1	12 500 *	48.4	91.8	13 600 *							58.0
60.0	15.6	67.0	7 600 *	27.4	77.8	9 200 *	32.5	81.9	10 000 *	39.7	86.8	11 600 *	45.7	89.9	12 900 *	51.0	91.8	12 000 *				60.0
62.0				22.7	73.4	8 500 *	28.6	78.5	9 400 *	36.4	84.2	10 800 *	42.9	87.9	12 200 *	48.4	90.1	11 400 *				62.0
64.0				16.7	67.7	8 000 *	24.1	74.3	8 700 *	32.9	81.2	10 100 *	39.8	85.6	11 600 *	45.7	88.2	10 700 *				64.0
68.0							10.4	61.1	7 300 *	24.6	73.8	8 800 *	33.1	80.1	10 100 *	39.8	83.8	9 600 *	45.4	86.0	7 800 *	68.0
72.0													24.8	72.7	8 800 *	33.1	78.4	8 600 *	39.5	81.6	7 000 *	72.0
76.0													12.0	60.5	7 700 *	24.8	71.0	7 700 *	32.7	76.0	6 200 *	76.0
80.0																11.9	58.6	6 900 *	24.3	68.5	5 400 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	75.4	110.8	24 900 *																			19.8
20.0	75.3	110.7	24 800 *																			20.0
22.0	73.3	110.1	24 200 *																			22.0
24.0	71.3	109.5	23 500 *																			24.0
26.0	69.3	108.7	22 800 *																			26.0
28.0	67.3	107.9	22 000 *																			28.0
30.0	65.2	107.0	21 100 *	69.6	108.5	24 400 *																30.0
32.0	63.1	106.1	20 200 *	67.6	107.7	23 300 *																32.0
34.0	61.0	105.0	19 300 *	65.6	106.8	22 100 *																34.0
36.0	58.8	103.8	18 200 *	63.5	105.8	21 000 *	66.1	106.7	24 000 *													36.0
38.0	56.6	102.5	17 100 *	61.3	104.8	19 800 *	64.0	105.7	22 700 *													38.0
40.0	54.3	101.1	16 000 *	59.2	103.6	18 600 *	61.9	104.7	21 400 *													40.0
42.0	51.9	99.6	14 900 *	56.9	102.3	17 500 *	59.8	103.5	20 000 *													42.0
44.0	49.5	98.0	13 700 *	54.7	101.0	16 300 *	57.6	102.3	18 200 *													44.0
46.0	47.0	96.1	12 700 *	52.3	99.5	15 000 *	55.3	101.0	16 700 *	60.0	102.7	19 900 *										46.0
48.0	44.3	94.2	11 800 *	49.9	97.8	13 900 *	53.0	99.5	15 400 *	57.8	101.5	18 400 *										48.0
50.0	41.5	92.0	10 900 *	47.4	96.0	12 800 *	50.6	97.9	14 200 *	55.5	100.1	16 900 *										50.0
52.0	38.6	89.6	10 100 *	44.7	94.1	11 900 *	48.1	96.2	13 100 *	53.2	98.7	15 500 *										52.0
54.0	35.5	86.9	9 400 *	42.0	91.9	11 100 *	45.5	94.3	12 200 *	50.8	97.1	14 300 *	55.6	98.9	14 900 *							54.0
56.0	32.0	83.8	8 800 *	39.1	89.6	10 300 *	42.8	92.2	11 300 *	48.3	95.4	13 200 *	53.3	97.4	14 100 *							56.0
58.0	28.2	80.4	8 200 *	35.9	86.9	9 600 *	39.9	89.9	10 500 *	45.7	93.5	12 300 *	50.9	95.9	13 300 *							58.0
60.0	23.9	76.2	7 600 *	32.6	84.0	8 900 *	36.8	87.3	9 800 *	43.0	91.4	11 400 *	48.5	94.1	12 500 *							60.0
62.0	18.6	71.0	7 100 *	28.8	80.5	8 300 *	33.5	84.4	9 100 *	40.2	89.1	10 600 *	45.9	92.3	11 900 *	50.9	94.1	11 000 *				62.0
64.0	11.1	63.2	6 000 *	24.6	76.5	7 700 *	29.9	81.1	8 500 *	37.1	86.6	9 800 *	43.2	90.2	11 200 *	48.4	92.4	10 400 *				64.0
68.0				12.6	64.3	6 500 *	21.1	72.6	7 400 *	30.3	80.5	8 600 *	37.3	85.4	9 900 *	43.1	88.5	9 300 *				68.0
72.0										21.6	72.2	7 400 *	30.5	79.4	8 600 *	37.3	83.7	8 300 *	42.9	86.3	6 600 *	72.0
76.0													21.9	71.1	7 400 *	30.5	77.6	7 400 *	37.0	81.4	5 800 *	76.0
80.0																21.8	69.4	6 600 *	30.1	75.3	5 100 *	80.0
84.0																			21.3	66.8	4 500 *	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

51.8m (170 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	64.6	74.0	60 900 *b																			13.7
14.0	63.8	73.9	60 300 *b																			14.0
16.0	57.5	72.7	56 100 *b																			16.0
18.0	50.8	71.2	51 800 *																			18.0
20.0	43.4	69.3	45 000 *	59.3	72.7	54 900 *b																20.0
22.0	34.6	66.7	39 300 *	52.8	71.3	51 000 *b	61.6	72.6	56 900 *b													22.0
24.0	23.1	62.9	34 800 *	45.6	69.5	46 600 *	55.2	71.4	52 400 *b													24.0
26.0				37.3	67.1	40 700 *	48.2	69.7	47 500 *													26.0
28.0				26.8	63.8	36 000 *	40.4	67.6	43 000 *	56.7	70.7	42 700 b										28.0
30.0							30.9	64.7	37 700 *	49.9	69.1	39 200										30.0
32.0							17.2	60.0	33 500 *	42.3	67.1	36 200	57.9	69.5	34 100 b							32.0
34.0										33.4	64.4	33 600	51.2	68.0	31 600 b							34.0
36.0										21.2	60.4	31 200	43.8	66.1	29 500							36.0
38.0													35.1	63.6	27 500							38.0
40.0													23.8	59.9	25 800	44.6	64.6	24 200				40.0
42.0																36.1	62.1	22 800				42.0
44.0																25.3	58.6	21 400				44.0
46.0																			36.4	60.0	18 900	46.0
48.0																			25.6	56.6	17 900	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

51.8m (170 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	68.0	77.4	58 800 *b																			13.7
14.0	67.3	77.2	58 200 *b																			14.0
16.0	62.0	76.2	54 300 *b																			16.0
18.0	56.5	75.0	50 800 *																			18.0
20.0	50.6	73.5	45 200 *	63.5	76.2	53 200 *b																20.0
22.0	44.1	71.6	39 500 *	58.1	75.0	49 500 *b	65.4	76.1	55 400 *b													22.0
24.0	36.7	69.2	34 900 *	52.3	73.6	46 200 *	60.1	75.0	51 300 *b													24.0
26.0	27.7	65.9	31 200 *	46.0	71.8	41 000 *	54.4	73.7	47 200 *													26.0
28.0				38.9	69.5	36 100 *	48.3	72.0	42 800 *	61.3	74.3	42 400 b										28.0
30.0				30.5	66.5	32 200 *	41.6	70.0	37 900 *	55.8	73.0	38 900										30.0
32.0				18.7	62.0	29 000 *	33.7	67.3	33 600 *	49.8	71.4	36 000										32.0
34.0							23.6	63.5	30 200 *	43.2	69.5	33 300										34.0
36.0										35.7	66.9	31 000 *	50.9	70.3	29 200							36.0
38.0										26.3	63.5	28 900 *	44.5	68.4	27 300							38.0
40.0													37.1	66.0	25 500	51.6	68.7	23 900				40.0
42.0													28.2	62.8	24 000	45.2	66.9	22 400				42.0
44.0													14.8	57.5	22 600	38.0	64.5	21 200				44.0
46.0																29.3	61.4	20 000	45.4	64.8	18 600	46.0
48.0																16.8	56.5	18 800	38.2	62.5	17 600	48.0
50.0																			29.5	59.4	16 700	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

51.8m (170 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	70.6	80.6	56 700 *b																			13.7
14.0	69.9	80.5	56 200 *b																			14.0
16.0	65.4	79.7	52 600 *b																			16.0
18.0	60.7	78.6	49 300 *																			18.0
20.0	55.7	77.3	45 500 *	66.7	79.5	51 500 *b																20.0
22.0	50.4	75.8	39 600 *	62.0	78.5	48 100 *b																22.0
24.0	44.7	73.9	35 000 *	57.1	77.3	45 100 *	63.7	78.5	50 100 *b													24.0
26.0	38.3	71.6	31 300 *	52.0	75.9	41 100 *	58.9	77.4	46 700 *													26.0
28.0	30.7	68.6	28 200 *	46.4	74.1	36 200 *	53.8	76.0	42 700 *													28.0
30.0	20.8	64.3	25 600 *	40.2	71.9	32 300 *	48.4	74.3	38 000 *	60.0	76.6	38 700 *										30.0
32.0				33.0	69.1	29 000 *	42.5	72.3	33 700 *	55.0	75.3	35 700 *										32.0
34.0				24.0	65.3	26 300 *	35.7	69.8	30 200 *	49.7	73.7	33 100 *										34.0
36.0							27.6	66.4	27 300 *	43.9	71.8	30 800 *										36.0
38.0							15.8	61.2	24 800 *	37.4	69.4	28 700 *	50.7	72.6	27 000							38.0
40.0										29.6	66.3	26 900 *	45.0	70.8	25 400							40.0
42.0										19.2	61.7	25 200 *	38.6	68.4	23 800							42.0
44.0													31.2	65.5	22 400	45.6	69.2	20 900				44.0
46.0													21.4	61.3	21 200	39.4	66.9	19 800				46.0
48.0																32.0	64.1	18 700	45.8	67.1	17 400	48.0
50.0																22.7	60.1	17 700	39.5	64.9	16 400	50.0
52.0																			32.2	62.0	15 600 *	52.0
54.0																			22.9	58.0	14 700 *	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

51.8m (170 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	72.6	83.9	54 600 *b																			13.7
14.0	72.0	83.8	54 100 *b																			14.0
16.0	68.0	83.0	50 800 *b																			16.0
18.0	63.9	82.1	47 700 *																			18.0
20.0	59.6	81.0	44 800 *	69.1	82.8	49 700 *b																20.0
22.0	55.1	79.7	39 600 *	65.0	82.0	46 600 *																22.0
24.0	50.3	78.1	35 000 *	60.8	80.9	43 800 *																24.0
26.0	45.1	76.2	31 200 *	56.4	79.7	41 100 *	62.3	80.9	45 500 *													26.0
28.0	39.5	74.0	28 200 *	51.7	78.2	36 200 *	58.0	79.7	42 400 *													28.0
30.0	33.0	71.2	25 500 *	46.6	76.4	32 200 *	53.4	78.3	38 100 *													30.0
32.0	25.0	67.4	23 300 *	41.1	74.3	29 000 *	48.5	76.6	33 700 *	59.0	79.0	35 300 *										32.0
34.0				34.9	71.6	26 200 *	43.2	74.6	30 200 *	54.5	77.6	32 700 *										34.0
36.0				27.5	68.2	23 900 *	37.2	72.2	27 200 *	49.6	76.0	30 400 *										36.0
38.0				17.3	63.2	21 900 *	30.4	69.1	24 800 *	44.4	74.1	28 400 *										38.0
40.0							21.5	64.9	22 700 *	38.7	71.8	26 500 *	50.5	74.9	25 000							40.0
42.0										32.1	68.9	24 900 *	45.4	73.1	23 600							42.0
44.0										23.8	65.0	23 100 *	39.8	70.8	22 200							44.0
46.0													33.3	68.1	20 900	46.0	71.5	19 500				46.0
48.0													25.5	64.4	19 800	40.4	69.3	18 400				48.0
50.0													13.9	58.6	18 700	34.1	66.6	17 400				50.0
52.0																26.5	63.1	16 500	40.5	67.2	15 200 *	52.0
54.0																15.6	57.7	15 700	34.3	64.5	14 300 *	54.0
56.0																			26.7	61.0	13 600 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

51.8m (170 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.2	87.1	52 100 *b																			13.7
14.0	73.7	87.0	51 600 *b																			14.0
16.0	70.1	86.3	48 600 *b																			16.0
18.0	66.4	85.5	45 800 *																			18.0
20.0	62.6	84.5	43 200 *																			20.0
22.0	58.6	83.3	40 500 *	67.5	85.3	45 400 *																22.0
24.0	54.5	82.0	36 100 *	63.7	84.4	42 800 *																24.0
26.0	50.2	80.4	32 100 *	59.8	83.3	40 300 *	65.0	84.3	44 400 *													26.0
28.0	45.5	78.5	28 900 *	55.7	82.0	37 500 *	61.2	83.3	41 700 *													28.0
30.0	40.4	76.3	26 200 *	51.4	80.5	33 200 *	57.2	82.0	38 700 *													30.0
32.0	34.7	73.7	23 900 *	46.9	78.7	29 800 *	53.0	80.6	34 600 *	62.1	82.5	35 000 *										32.0
34.0	28.0	70.3	22 000 *	41.9	76.6	26 900 *	48.5	78.9	31 000 *	58.1	81.3	32 400 *										34.0
36.0	19.3	65.6	20 100 *	36.4	74.1	24 600 *	43.7	77.0	28 000 *	54.0	79.9	30 100 *										36.0
38.0				30.1	71.0	22 500 *	38.5	74.6	25 400 *	49.6	78.3	28 100 *										38.0
40.0				22.1	66.7	20 700 *	32.5	71.7	23 200 *	44.9	76.4	26 200 *	54.7	78.8	24 800							40.0
42.0							25.2	68.0	21 400 *	39.7	74.2	24 600 *	50.4	77.2	23 300							42.0
44.0							14.9	62.3	19 700 *	33.9	71.4	23 100 *	45.7	75.4	21 900							44.0
46.0										27.1	67.9	21 700 *	40.7	73.2	20 700	50.9	75.6	19 200				46.0
48.0										17.8	62.9	20 100 *	35.0	70.6	19 600	46.3	73.8	18 200				48.0
50.0													28.4	67.2	18 600	41.3	71.7	17 200				50.0
52.0													19.8	62.6	17 600	35.7	69.1	16 300	46.4	71.7	14 800 *	52.0
54.0																29.2	65.9	15 500	41.4	69.6	14 000 *	54.0
56.0																20.9	61.4	14 700	35.8	67.0	13 300 *	56.0
58.0																			29.4	63.8	12 600 *	58.0
60.0																			21.1	59.4	11 900 *	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

51.8m (170 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.6	90.2	49 900 *b																			13.7
14.0	75.1	90.1	49 500 *b																			14.0
16.0	71.8	89.5	46 800 *b																			16.0
18.0	68.5	88.8	44 300 *																			18.0
20.0	65.1	87.9	41 800 *																			20.0
22.0	61.5	86.9	39 500 *	69.4	88.6	43 800 *																22.0
24.0	57.9	85.7	36 000 *	66.0	87.8	41 400 *																24.0
26.0	54.1	84.3	31 900 *	62.5	86.8	39 100 *	67.3	87.7	43 300 *													26.0
28.0	50.1	82.7	28 800 *	58.9	85.6	36 700 *	63.8	86.7	40 900 *													28.0
30.0	45.8	80.8	26 100 *	55.2	84.3	33 100 *	60.2	85.6	38 400 *													30.0
32.0	41.2	78.7	23 800 *	51.2	82.8	29 600 *	56.5	84.4	34 400 *													32.0
34.0	36.1	76.1	21 800 *	47.0	81.0	26 800 *	52.7	82.9	30 800 *	61.1	84.9	32 200 *										34.0
36.0	30.3	73.0	20 000 *	42.5	78.9	24 400 *	48.6	81.2	27 800 *	57.4	83.6	29 900 *										36.0
38.0	23.2	68.9	18 500 *	37.6	76.5	22 300 *	44.2	79.3	25 200 *	53.6	82.2	27 800 *										38.0
40.0				32.0	73.6	20 500 *	39.4	77.0	23 100 *	49.5	80.6	26 000 *										40.0
42.0				25.4	69.8	18 900 *	34.1	74.3	21 200 *	45.2	78.7	24 400 *	54.3	81.1	23 000							42.0
44.0				16.3	64.4	17 500 *	27.9	70.9	19 500 *	40.6	76.5	22 900 *	50.3	79.5	21 700							44.0
46.0							20.0	66.2	18 000 *	35.4	73.9	21 500 *	46.0	77.7	20 400							46.0
48.0										29.5	70.7	19 900 *	41.4	75.5	19 300	50.7	77.9	17 900				48.0
50.0										22.1	66.4	18 400 *	36.4	73.0	18 300	46.5	76.1	16 900				50.0
52.0													30.6	69.9	17 300	42.0	74.0	16 000				52.0
54.0													23.6	65.9	16 500	37.0	71.5	15 200	46.6	74.0	13 700 *	54.0
56.0													13.3	59.7	15 600	31.3	68.5	14 500	42.1	71.9	12 900 *	56.0
58.0																24.4	64.6	13 800	37.1	69.4	12 200 *	58.0
60.0																14.8	58.8	13 100	31.4	66.4	11 600 *	60.0
62.0																			24.6	62.6	10 900 *	62.0
64.0																			15.1	56.9	10 300 *	64.0

Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

51.8m (170 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.4	93.0	45 400 *b																			15.2
16.0	73.3	92.7	44 700 *b																			16.0
18.0	70.2	92.0	42 600 *																			18.0
20.0	67.1	91.2	40 200 *																			20.0
22.0	63.9	90.3	37 700 *																			22.0
24.0	60.6	89.2	35 100 *	68.0	91.1	40 100 *																24.0
26.0	57.2	88.0	31 900 *	64.8	90.2	38 000 *																26.0
28.0	53.7	86.6	28 700 *	61.6	89.2	36 000 *	66.0	90.1	39 700 *													28.0
30.0	50.0	85.0	26 000 *	58.2	88.0	33 100 *	62.7	89.1	37 600 *													30.0
32.0	46.1	83.2	23 700 *	54.7	86.6	29 600 *	59.4	88.0	34 400 *													32.0
34.0	41.8	81.0	21 700 *	51.0	85.1	26 700 *	56.0	86.7	30 800 *													34.0
36.0	37.2	78.6	20 000 *	47.2	83.3	24 300 *	52.4	85.2	27 700 *	60.2	87.2	29 700 *										36.0
38.0	32.1	75.6	18 400 *	43.1	81.3	22 200 *	48.6	83.5	25 200 *	56.8	86.0	27 700 *										38.0
40.0	26.0	71.9	17 100 *	38.6	78.9	20 400 *	44.6	81.6	23 000 *	53.2	84.5	25 800 *										40.0
42.0	18.1	66.8	15 800 *	33.6	76.1	18 800 *	40.2	79.4	21 100 *	49.5	82.9	24 200 *										42.0
44.0				27.9	72.7	17 500 *	35.5	76.7	19 400 *	45.5	81.0	22 800 *	53.9	83.4	21 500							44.0
46.0				20.7	68.1	16 200 *	30.0	73.6	17 900 *	41.3	78.9	21 400 *	50.2	81.8	20 300							46.0
48.0							23.5	69.5	16 700 *	36.6	76.4	19 900 *	46.3	80.0	19 200							48.0
50.0							14.2	63.4	15 500 *	31.4	73.3	18 300 *	42.1	77.9	18 200	50.6	80.2	16 800				50.0
52.0										25.1	69.5	17 000 *	37.5	75.4	17 200	46.7	78.4	15 900				52.0
54.0										16.8	64.2	15 800 *	32.4	72.5	16 400	42.5	76.3	15 100				54.0
56.0													26.4	68.9	15 600	38.0	73.9	14 300				56.0
58.0													18.6	63.9	14 700 *	33.0	71.1	13 700	42.6	74.3	12 100 *	58.0
60.0																27.1	67.5	13 000	38.1	71.9	11 400 *	60.0
62.0																19.6	62.8	12 400	33.1	69.0	10 800 *	62.0
64.0																5.8	53.4	11 700	27.2	65.5	10 200 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.6	96.1	41 800 *																			15.2
16.0	74.5	95.9	41 200 *																			16.0
18.0	71.7	95.3	39 600 *																			18.0
20.0	68.8	94.5	37 700 *																			20.0
22.0	65.9	93.7	35 600 *																			22.0
24.0	62.9	92.7	33 400 *																			24.0
26.0	59.8	91.6	31 200 *	66.7	93.5	36 700 *																26.0
28.0	56.7	90.3	28 600 *	63.8	92.6	34 900 *																28.0
30.0	53.4	88.9	25 800 *	60.7	91.5	32 600 *	64.8	92.5	36 400 *													30.0
32.0	49.9	87.3	23 500 *	57.6	90.3	29 300 *	61.8	91.5	34 200 *													32.0
34.0	46.3	85.5	21 500 *	54.3	88.9	26 500 *	58.7	90.3	30 500 *													34.0
36.0	42.4	83.4	19 700 *	50.9	87.4	24 100 *	55.5	89.0	27 500 *													36.0
38.0	38.2	81.0	18 200 *	47.3	85.6	22 000 *	52.1	87.5	25 000 *	59.4	89.6	27 300 *										38.0
40.0	33.6	78.2	16 900 *	43.5	83.6	20 200 *	48.6	85.8	22 800 *	56.2	88.3	25 500 *										40.0
42.0	28.2	74.7	15 700 *	39.4	81.3	18 600 *	44.9	83.9	20 900 *	52.9	86.9	23 900 *										42.0
44.0	21.7	70.3	14 600 *	34.9	78.6	17 200 *	40.9	81.7	19 200 *	49.5	85.2	22 400 *										44.0
46.0				29.8	75.4	16 000 *	36.6	79.2	17 800 *	45.8	83.4	21 100 *	53.5	85.7	20 100							46.0
48.0				23.7	71.3	14 900 *	31.7	76.2	16 400 *	41.9	81.2	19 600 *	50.1	84.1	19 000							48.0
50.0				15.5	65.6	13 800 *	26.1	72.5	15 300 *	37.6	78.8	18 100 *	46.5	82.3	17 900							50.0
52.0							18.9	67.5	14 200 *	32.9	75.9	16 800 *	42.6	80.2	17 000 *	50.5	82.5	15 600				52.0
54.0										27.5	72.4	15 500 *	38.4	77.8	16 100 *	46.9	80.7	14 800				54.0
56.0										20.8	67.8	14 500 *	33.8	75.0	15 300 *	43.0	78.7	14 100				56.0
58.0													28.5	71.7	14 400 *	38.9	76.3	13 400	47.0	78.6	11 700 *	58.0
60.0													22.1	67.3	13 700 *	34.3	73.6	12 700	43.1	76.6	11 000 *	60.0
62.0													12.9	60.8	13 000 *	29.1	70.3	12 200	39.0	74.2	10 400 *	62.0
64.0																22.9	66.1	11 600	34.4	71.5	9 900 *	64.0
68.0																			23.1	64.1	8 800 *	68.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.6	98.9	37 600 *																			16.8
18.0	73.0	98.5	36 700 *																			18.0
20.0	70.3	97.8	35 200 *																			20.0
22.0	67.6	97.0	33 500 *																			22.0
24.0	64.9	96.1	31 700 *																			24.0
26.0	62.0	95.1	29 800 *	68.4	96.9	35 700 *																26.0
28.0	59.2	93.9	27 800 *	65.6	96.0	34 000 *																28.0
30.0	56.2	92.7	25 900 *	62.8	95.0	32 400 *																30.0
32.0	53.1	91.2	23 900 *	60.0	93.9	29 900 *	63.9	94.9	33 600 *													32.0
34.0	49.9	89.6	21 800 *	57.0	92.6	27 000 *	61.0	93.9	31 300 *													34.0
36.0	46.5	87.8	20 000 *	54.0	91.2	24 500 *	58.1	92.7	28 000 *													36.0
38.0	42.9	85.7	18 400 *	50.8	89.7	22 400 *	55.1	91.3	25 400 *													38.0
40.0	39.0	83.4	17 100 *	47.4	87.9	20 500 *	51.9	89.8	23 100 *	58.8	91.9	25 200 *										40.0
42.0	34.8	80.6	15 800 *	43.9	85.9	18 900 *	48.6	88.1	21 200 *	55.8	90.6	23 500 *										42.0
44.0	30.0	77.4	14 700 *	40.1	83.7	17 500 *	45.2	86.2	19 500 *	52.7	89.2	22 100 *										44.0
46.0	24.5	73.5	13 700 *	36.0	81.1	16 200 *	41.5	84.1	18 000 *	49.4	87.5	20 800 *	56.3	89.5	19 800 *							46.0
48.0	17.2	68.1	12 500 *	31.4	78.0	15 000 *	37.5	81.6	16 700 *	46.0	85.7	19 600 *	53.2	88.0	18 700 *							48.0
50.0				26.1	74.3	14 000 *	33.1	78.7	15 500 *	42.4	83.6	18 300 *	50.0	86.4	17 700 *							50.0
52.0				19.5	69.4	13 100 *	28.1	75.3	14 400 *	38.5	81.2	16 900 *	46.6	84.6	16 700 *							52.0
54.0							22.1	70.9	13 400 *	34.2	78.4	15 700 *	43.0	82.6	15 800 *	50.4	84.8	14 600 *				54.0
56.0							13.8	64.6	12 400 *	29.4	75.1	14 600 *	39.2	80.2	14 900 *	47.0	83.0	13 800 *				56.0
58.0										23.7	71.0	13 600 *	35.0	77.5	14 200 *	43.5	81.0	13 200 *				58.0
60.0										16.1	65.3	12 700 *	30.3	74.4	13 400 *	39.6	78.7	12 500 *				60.0
62.0													24.8	70.4	12 700 *	35.5	76.1	11 900 *	43.5	78.9	10 100 *	62.0
64.0													17.7	65.1	12 100 *	30.8	72.9	11 300 *	39.7	76.6	9 600 *	64.0
68.0																18.6	64.0	10 200 *	30.9	70.9	8 600 *	68.0
72.0																			18.8	62.0	7 600 *	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.6	102.0	34 600 *																			16.8
18.0	74.0	101.7	34 000 *																			18.0
20.0	71.6	101.0	32 700 *																			20.0
22.0	69.1	100.3	31 400 *																			22.0
24.0	66.5	99.5	29 900 *																			24.0
26.0	63.9	98.5	28 300 *	69.8	100.1	34 300 *																26.0
28.0	61.3	97.5	26 600 *	67.3	99.3	32 800 *																28.0
30.0	58.6	96.3	24 900 *	64.7	98.4	31 300 *																30.0
32.0	55.7	95.0	23 300 *	62.0	97.4	29 700 *	65.6	98.3	32 800 *													32.0
34.0	52.8	93.5	21 600 *	59.3	96.2	26 700 *	63.0	97.3	31 000 *													34.0
36.0	49.8	91.9	19 800 *	56.5	95.0	24 300 *	60.3	96.2	27 800 *													36.0
38.0	46.6	90.1	18 200 *	53.7	93.5	22 100 *	57.5	95.0	25 200 *													38.0
40.0	43.3	88.0	16 800 *	50.7	92.0	20 300 *	54.7	93.6	22 900 *	60.9	95.5	25 000 *										40.0
42.0	39.7	85.7	15 600 *	47.5	90.2	18 600 *	51.7	92.1	20 900 *	58.2	94.3	23 400 *										42.0
44.0	35.8	83.1	14 500 *	44.2	88.2	17 200 *	48.7	90.4	19 200 *	55.4	93.0	21 900 *										44.0
46.0	31.5	80.1	13 500 *	40.7	86.0	15 900 *	45.4	88.5	17 700 *	52.4	91.5	20 600 *										46.0
48.0	26.6	76.4	12 600 *	36.9	83.5	14 800 *	42.0	86.4	16 400 *	49.4	89.8	19 400 *	55.9	91.8	18 400							48.0
50.0	20.6	71.7	11 700 *	32.8	80.6	13 700 *	38.3	84.0	15 200 *	46.2	88.0	18 100 *	53.0	90.3	17 400							50.0
52.0				28.1	77.1	12 800 *	34.3	81.2	14 100 *	42.8	85.9	16 700 *	50.0	88.7	16 500 *							52.0
54.0				22.5	72.8	12 000 *	29.8	78.0	13 200 *	39.2	83.6	15 500 *	46.8	86.9	15 500 *							54.0
56.0				15.0	66.7	11 100 *	24.6	74.0	12 300 *	35.3	80.9	14 400 *	43.4	84.9	14 700 *	50.3	87.1	13 600				56.0
58.0							18.0	68.8	11 500 *	30.9	77.8	13 400 *	39.9	82.6	13 900 *	47.1	85.3	12 900				58.0
60.0										25.9	74.0	12 500 *	36.0	80.0	13 200 *	43.8	83.3	12 300				60.0
62.0										19.7	69.1	11 600 *	31.7	77.0	12 500 *	40.3	81.1	11 600 *				62.0
64.0										10.4	61.5	10 900 *	26.9	73.3	11 800 *	36.4	78.5	11 000 *	43.9	81.2	9 200 *	64.0
68.0													12.6	61.9	10 600 *	27.4	72.0	9 900 *	36.5	76.4	8 200 *	68.0
72.0																13.8	61.1	8 900 *	27.6	69.9	7 300 *	72.0
76.0																			14.0	59.1	6 500 *	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.7	104.8	31 300 *																			18.3
20.0	72.7	104.3	30 400 *																			20.0
22.0	70.4	103.6	29 300 *																			22.0
24.0	68.0	102.8	28 100 *																			24.0
26.0	65.6	101.9	26 700 *																			26.0
28.0	63.1	100.9	25 400 *	68.7	102.6	31 500 *																28.0
30.0	60.6	99.8	23 900 *	66.3	101.8	30 300 *																30.0
32.0	58.0	98.6	22 500 *	63.8	100.8	28 900 *	67.1	101.7	31 700 *													32.0
34.0	55.4	97.3	21 100 *	61.3	99.8	26 700 *	64.7	100.8	30 200 *													34.0
36.0	52.6	95.8	19 600 *	58.8	98.6	24 100 *	62.2	99.7	27 800 *													36.0
38.0	49.7	94.2	18 100 *	56.1	97.3	22 000 *	59.7	98.6	25 000 *													38.0
40.0	46.8	92.4	16 700 *	53.4	95.9	20 100 *	57.1	97.3	22 800 *													40.0
42.0	43.6	90.4	15 400 *	50.6	94.3	18 500 *	54.4	96.0	20 800 *	60.3	97.8	23 200 *										42.0
44.0	40.3	88.1	14 300 *	47.6	92.5	17 100 *	51.6	94.4	19 100 *	57.7	96.6	21 700 *										44.0
46.0	36.7	85.5	13 300 *	44.5	90.6	15 800 *	48.7	92.7	17 600 *	55.0	95.3	20 400 *										46.0
48.0	32.8	82.6	12 400 *	41.2	88.4	14 600 *	45.7	90.9	16 200 *	52.2	93.8	19 200 *										48.0
50.0	28.4	79.2	11 600 *	37.7	85.9	13 600 *	42.4	88.8	15 100 *	49.4	92.1	17 900 *	55.5	94.1	17 300 *							50.0
52.0	23.2	74.9	10 800 *	33.9	83.1	12 700 *	39.0	86.4	14 000 *	46.4	90.3	16 600 *	52.7	92.6	16 200 *							52.0
54.0	16.6	69.3	9 900 *	29.7	79.8	11 800 *	35.3	83.7	13 000 *	43.2	88.2	15 300 *	49.9	91.0	15 300 *							54.0
56.0				24.8	75.8	11 000 *	31.3	80.6	12 100 *	39.8	85.9	14 200 *	46.9	89.2	14 500 *							56.0
58.0				18.7	70.7	10 300 *	26.6	76.9	11 300 *	36.2	83.3	13 200 *	43.8	87.2	13 700 *	50.2	89.4	12 800 *				58.0
60.0							21.0	72.3	10 600 *	32.2	80.4	12 400 *	40.5	85.0	13 000 *	47.2	87.6	12 100 *				60.0
62.0							13.4	65.7	9 800 *	27.8	76.8	11 500 *	36.9	82.4	12 300 *	44.1	85.7	11 500 *				62.0
64.0										22.5	72.5	10 700 *	33.0	79.5	11 700 *	40.8	83.4	10 800 *	47.3	85.5	9 000 *	64.0
68.0													23.5	71.9	10 500 *	33.4	78.1	9 800 *	40.9	81.3	8 100 *	68.0
72.0																24.1	70.6	8 800 *	33.5	76.0	7 200 *	72.0
76.0																7.1	55.9	7 800 *	24.2	68.6	6 400 *	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.6	107.9	28 800 *																			18.3
20.0	73.7	107.4	28 200 *																			20.0
22.0	71.5	106.8	27 200 *																			22.0
24.0	69.3	106.1	26 200 *																			24.0
26.0	67.0	105.3	25 200 *																			26.0
28.0	64.7	104.3	24 000 *	69.9	105.9	29 700 *																28.0
30.0	62.4	103.3	22 800 *	67.7	105.1	29 000 *																30.0
32.0	60.0	102.2	21 500 *	65.4	104.2	27 800 *																32.0
34.0	57.5	101.0	20 300 *	63.0	103.2	26 500 *	66.2	104.1	29 200 *													34.0
36.0	55.0	99.6	19 100 *	60.7	102.1	23 900 *	63.9	103.2	27 500 *													36.0
38.0	52.4	98.1	17 800 *	58.2	100.9	21 800 *	61.5	102.1	24 800 *													38.0
40.0	49.7	96.5	16 400 *	55.7	99.6	19 900 *	59.1	101.0	22 500 *													40.0
42.0	46.9	94.7	15 200 *	53.2	98.2	18 300 *	56.6	99.7	20 600 *													42.0
44.0	43.9	92.7	14 100 *	50.5	96.6	16 800 *	54.1	98.3	18 800 *	59.7	100.2	21 400 *										44.0
46.0	40.8	90.5	13 100 *	47.7	94.8	15 600 *	51.4	96.7	17 400 *	57.2	99.0	20 000 *										46.0
48.0	37.5	88.0	12 200 *	44.8	92.9	14 400 *	48.7	95.0	16 000 *	54.7	97.6	18 800 *										48.0
50.0	33.9	85.1	11 400 *	41.7	90.7	13 400 *	45.8	93.2	14 800 *	52.1	96.1	17 600 *										50.0
52.0	29.9	81.9	10 600 *	38.4	88.3	12 400 *	42.8	91.1	13 700 *	49.4	94.4	16 300 *	55.1	96.4	15 900 *							52.0
54.0	25.3	78.0	9 900 *	34.9	85.6	11 600 *	39.6	88.8	12 800 *	46.5	92.6	15 100 *	52.5	94.9	15 000 *							54.0
56.0	19.7	73.0	9 200 *	31.0	82.4	10 800 *	36.2	86.2	11 900 *	43.5	90.6	14 000 *	49.8	93.3	14 200 *							56.0
58.0				26.6	78.7	10 100 *	32.5	83.2	11 100 *	40.4	88.3	13 000 *	47.0	91.5	13 400 *	52.8	93.3	12 400 *				58.0
60.0				21.4	74.2	9 400 *	28.3	79.7	10 400 *	37.0	85.8	12 100 *	44.1	89.5	12 600 *	50.1	91.7	11 700 *				60.0
62.0				14.5	67.8	8 700 *	23.4	75.5	9 700 *	33.4	82.9	11 300 *	41.0	87.3	12 000 *	47.3	89.9	11 100 *				62.0
64.0							17.3	70.0	9 000 *	29.3	79.6	10 500 *	37.6	84.8	11 300 *	44.4	88.0	10 500 *				64.0
68.0										18.9	70.4	9 200 *	30.1	78.8	10 200 *	38.0	83.3	9 400 *	44.5	85.9	7 700 *	68.0
72.0													20.0	70.1	9 100 *	30.5	77.4	8 400 *	38.1	81.2	6 800 *	72.0
76.0																20.7	68.9	7 500 *	30.6	75.3	6 000 *	76.0
80.0																			20.8	66.9	5 300 *	80.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

51.8m (170 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	74.8	110.7	26 000 *																			19.8
20.0	74.6	110.6	26 000 *																			20.0
22.0	72.5	110.0	25 200 *																			22.0
24.0	70.4	109.3	24 400 *																			24.0
26.0	68.3	108.6	23 500 *																			26.0
28.0	66.1	107.7	22 600 *																			28.0
30.0	64.0	106.8	21 600 *	68.9	108.4	26 300 *																30.0
32.0	61.7	105.7	20 500 *	66.8	107.6	25 300 *																32.0
34.0	59.4	104.6	19 500 *	64.6	106.6	24 200 *	67.5	107.4	27 100 *													34.0
36.0	57.1	103.3	18 400 *	62.4	105.6	23 000 *	65.4	106.5	26 300 *													36.0
38.0	54.7	101.9	17 300 *	60.1	104.5	21 800 *	63.2	105.6	24 900 *													38.0
40.0	52.2	100.4	16 300 *	57.8	103.3	20 000 *	60.9	104.5	22 700 *													40.0
42.0	49.7	98.8	15 200 *	55.4	101.9	18 300 *	58.6	103.3	20 600 *													42.0
44.0	47.0	97.0	14 000 *	52.9	100.5	16 800 *	56.2	102.0	18 900 *	61.4	103.7	21 000 *										44.0
46.0	44.2	95.0	13 000 *	50.4	98.9	15 500 *	53.8	100.6	17 300 *	59.1	102.6	19 700 *										46.0
48.0	41.3	92.8	12 100 *	47.8	97.1	14 300 *	51.3	99.0	16 000 *	56.8	101.3	18 500 *										48.0
50.0	38.2	90.4	11 200 *	45.0	95.2	13 300 *	48.7	97.3	14 800 *	54.4	99.9	17 400 *										50.0
52.0	34.8	87.6	10 500 *	42.1	93.1	12 300 *	46.0	95.5	13 700 *	51.9	98.4	16 300 *	57.2	100.1	15 600 *							52.0
54.0	31.1	84.5	9 700 *	39.1	90.7	11 500 *	43.2	93.4	12 700 *	49.3	96.7	15 100 *	54.8	98.7	14 700 *							54.0
56.0	27.0	80.8	9 100 *	35.8	88.0	10 700 *	40.2	91.1	11 800 *	46.7	94.9	13 900 *	52.4	97.3	13 900 *							56.0
58.0	22.2	76.4	8 500 *	32.2	85.0	9 900 *	37.0	88.6	11 000 *	43.8	92.9	12 900 *	49.8	95.6	13 100 *							58.0
60.0	16.0	70.5	7 800 *	28.2	81.5	9 300 *	33.5	85.7	10 200 *	40.9	90.7	12 000 *	47.1	93.8	12 400 *							60.0
62.0				23.6	77.3	8 700 *	29.7	82.4	9 500 *	37.7	88.2	11 100 *	44.4	91.8	11 700 *	50.1	94.0	10 800 *				62.0
64.0				17.9	72.0	8 100 *	25.4	78.5	8 900 *	34.3	85.4	10 400 *	41.4	89.7	11 100 *	47.4	92.2	10 200 *				64.0
68.0							13.1	66.8	7 700 *	26.4	78.5	9 000 *	35.0	84.5	9 900 *	41.8	88.1	9 100 *				68.0
72.0										15.0	67.7	7 900 *	27.2	77.8	8 900 *	35.4	83.0	8 100 *	41.8	86.0	6 500 *	72.0
76.0													16.4	67.6	7 900 *	27.7	76.4	7 200 *	35.4	81.0	5 700 *	76.0
80.0																17.1	66.5	6 500 *	27.8	74.4	5 000 *	80.0
84.0																			17.3	64.5	4 400 *	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	75.6	113.8	24 000 *																			19.8
20.0	75.4	113.8	23 900 *																			20.0
22.0	73.4	113.2	23 300 *																			22.0
24.0	71.4	112.6	22 700 *																			24.0
26.0	69.4	111.8	22 000 *																			26.0
28.0	67.4	111.0	21 200 *																			28.0
30.0	65.4	110.1	20 300 *																			30.0
32.0	63.3	109.2	19 500 *	68.0	110.9	23 300 *																32.0
34.0	61.1	108.1	18 600 *	65.9	110.0	22 200 *																34.0
36.0	58.9	106.9	17 600 *	63.9	109.0	21 100 *	66.7	109.9	24 100 *													36.0
38.0	56.7	105.6	16 700 *	61.7	108.0	20 000 *	64.6	109.0	22 900 *													38.0
40.0	54.4	104.3	15 800 *	59.6	106.9	18 800 *	62.5	108.0	21 700 *													40.0
42.0	52.1	102.7	14 900 *	57.4	105.6	17 700 *	60.3	106.9	20 300 *													42.0
44.0	49.6	101.1	13 800 *	55.1	104.3	16 500 *	58.2	105.6	18 600 *													44.0
46.0	47.1	99.3	12 700 *	52.7	102.8	15 200 *	55.9	104.3	17 100 *	60.8	106.1	19 400 *										46.0
48.0	44.5	97.3	11 800 *	50.3	101.2	14 100 *	53.6	102.9	15 700 *	58.7	104.9	18 200 *										48.0
50.0	41.7	95.1	11 000 *	47.8	99.4	13 000 *	51.2	101.3	14 500 *	56.4	103.6	17 100 *										50.0
52.0	38.8	92.8	10 200 *	45.2	97.5	12 100 *	48.7	99.6	13 400 *	54.1	102.2	16 000 *										52.0
54.0	35.6	90.1	9 500 *	42.5	95.4	11 200 *	46.2	97.8	12 400 *	51.8	100.7	14 800 *	56.8	102.4	14 300 *							54.0
56.0	32.2	87.1	8 800 *	39.6	93.1	10 400 *	43.5	95.7	11 500 *	49.3	99.0	13 700 *	54.5	101.1	13 500 *							56.0
58.0	28.5	83.6	8 200 *	36.5	90.5	9 700 *	40.7	93.5	10 700 *	46.8	97.2	12 700 *	52.2	99.6	12 700 *							58.0
60.0	24.2	79.5	7 600 *	33.2	87.6	9 000 *	37.7	91.0	9 900 *	44.1	95.2	11 700 *	49.8	97.9	12 000 *							60.0
62.0	19.0	74.3	7 100 *	29.6	84.2	8 400 *	34.4	88.2	9 300 *	41.3	93.0	10 900 *	47.2	96.1	11 300 *							62.0
64.0	11.7	66.8	6 100 *	25.4	80.3	7 800 *	30.9	85.1	8 600 *	38.4	90.6	10 100 *	44.6	94.2	10 700 *	50.0	96.3	9 800 *				64.0
68.0				14.1	69.0	6 700 *	22.4	77.0	7 500 *	31.8	84.8	8 800 *	38.9	89.6	9 600 *	44.9	92.6	8 700 *				68.0
72.0										23.6	77.0	7 600 *	32.4	84.0	8 600 *	39.2	88.1	7 800 *	45.0	90.5	6 100 *	72.0
76.0										10.4	63.6	6 600 *	24.4	76.5	7 700 *	32.8	82.5	6 900 *	39.3	86.0	5 400 *	76.0
80.0													12.1	64.1	6 700 *	24.9	75.2	6 100 *	32.9	80.5	4 700 *	80.0
84.0																13.1	63.3	5 400 *	25.0	73.1	4 100 *	84.0
88.0																			13.3	61.3	3 500 *	88.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	65.0	77.1	60 300 *b																			13.7
14.0	64.1	77.0	59 700 *b																			14.0
16.0	57.9	75.8	55 600 *b																			16.0
18.0	51.2	74.3	52 100 *b																			18.0
20.0	43.8	72.4	45 300 *	60.5	75.9	53 100 *b																20.0
22.0	35.1	69.9	39 500 *	54.0	74.6	49 300 *b	63.2	75.9	54 900 *b													22.0
24.0	23.8	66.2	35 000 *	47.0	72.9	45 900 *	56.9	74.7	50 800 *b													24.0
26.0				38.9	70.6	41 800 *	50.2	73.2	46 600 *b													26.0
28.0				29.0	67.5	36 800 *	42.6	71.2	42 500 *	59.2	74.1	41 800 *b										28.0
30.0				13.4	62.1	32 000 *	33.7	68.6	38 800 *	52.7	72.7	38 400 *b										30.0
32.0							21.7	64.6	34 500 *	45.4	70.9	35 400 *										32.0
34.0										37.1	68.6	32 800 *	54.7	71.7	31 000 b							34.0
36.0										26.6	65.2	30 500 *	47.7	70.0	28 900							36.0
38.0													39.8	67.9	27 000							38.0
40.0													30.2	64.9	25 300	49.4	68.6	23 600				40.0
42.0													15.8	59.9	23 700	41.8	66.5	22 100				42.0
44.0																32.7	63.8	20 800				44.0
46.0																			42.9	64.6	18 300	46.0
48.0																			34.1	62.0	17 300	48.0
50.0																			22.3	58.1	16 300	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	68.3	80.4	58 100 *b																			13.7
14.0	67.6	80.3	57 500 *b																			14.0
16.0	62.3	79.4	53 800 *b																			16.0
18.0	56.8	78.1	50 400 *																			18.0
20.0	50.9	76.6	45 600 *	64.5	79.4	51 400 *b																20.0
22.0	44.5	74.7	39 700 *	59.1	78.3	47 900 *b																22.0
24.0	37.1	72.4	35 100 *	53.4	76.9	44 700 *	61.5	78.3	49 600 *b													24.0
26.0	28.2	69.1	31 400 *	47.2	75.2	41 700 *	56.0	77.1	46 000 *													26.0
28.0				40.3	73.0	37 000 *	50.0	75.5	42 300 *													28.0
30.0				32.2	70.2	32 900 *	43.5	73.6	38 700 *	58.0	76.5	38 000 *										30.0
32.0				21.4	66.1	29 500 *	35.9	71.1	34 700 *	52.2	75.0	35 100 *										32.0
34.0							26.6	67.7	31 000 *	45.9	73.2	32 500 *										34.0
36.0										38.8	71.0	30 200 *	54.0	74.0	28 600							36.0
38.0										30.3	68.0	28 200 *	47.9	72.3	26 700							38.0
40.0													41.1	70.2	25 000							40.0
42.0													33.1	67.5	23 500	49.4	70.9	21 800				42.0
44.0													22.8	63.6	22 100	42.7	68.9	20 600				44.0
46.0																35.1	66.3	19 400				46.0
48.0																25.5	62.8	18 300	43.7	66.9	17 000 *	48.0
50.0																			36.3	64.5	16 000 *	50.0
52.0																			27.1	61.1	15 100 *	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	70.8	83.7	56 000 *b																			13.7
14.0	70.2	83.6	55 500 *b																			14.0
16.0	65.6	82.8	52 000 *b																			16.0
18.0	60.9	81.7	48 900 *																			18.0
20.0	56.0	80.5	45 800 *	67.5	82.7	49 700 *b																20.0
22.0	50.7	78.9	39 800 *	62.9	81.8	46 500 *b																22.0
24.0	45.0	77.1	35 200 *	58.1	80.6	43 500 *	64.9	81.8	48 300 *b													24.0
26.0	38.6	74.8	31 500 *	52.9	79.2	40 800 *	60.2	80.7	45 100 *													26.0
28.0	31.2	71.8	28 400 *	47.4	77.5	37 200 *	55.2	79.4	42 000 *													28.0
30.0	21.5	67.6	25 700 *	41.4	75.4	33 000 *	49.9	77.8	38 500 *													30.0
32.0				34.4	72.7	29 600 *	44.1	75.9	34 700 *	57.1	78.8	34 700 *										32.0
34.0				25.9	69.2	26 800 *	37.6	73.5	31 100 *	51.9	77.3	32 200 *										34.0
36.0				12.7	63.2	24 000 *	29.9	70.4	28 000 *	46.3	75.5	29 900 *										36.0
38.0							19.6	65.9	25 500 *	40.1	73.3	27 900 *	53.5	76.3	26 500							38.0
40.0										32.9	70.6	26 100 *	48.0	74.6	24 800							40.0
42.0										23.8	66.7	24 500 *	42.0	72.6	23 300							42.0
44.0													35.2	70.0	21 900	49.3	73.2	20 300				44.0
46.0													26.9	66.6	20 700	43.5	71.2	19 200				46.0
48.0													14.7	61.1	19 500	36.9	68.8	18 200				48.0
50.0																29.0	65.6	17 200	44.3	69.2	15 700 *	50.0
52.0																			37.9	66.9	14 800 *	52.0
54.0																			30.3	63.8	14 000 *	54.0
56.0																			20.1	59.4	13 300 *	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	72.8	86.9	53 700 *b																			13.7
14.0	72.2	86.8	53 300 *b																			14.0
16.0	68.2	86.1	50 100 *b																			16.0
18.0	64.1	85.2	47 200 *																			18.0
20.0	59.8	84.1	44 500 *	69.9	86.0	47 900 *b																20.0
22.0	55.3	82.8	40 000 *	65.8	85.2	45 000 *b																22.0
24.0	50.5	81.2	35 200 *	61.6	84.1	42 300 *																24.0
26.0	45.4	79.4	31 400 *	57.2	82.9	39 700 *	63.5	84.2	43 900 *													26.0
28.0	39.8	77.1	28 300 *	52.6	81.5	37 100 *	59.1	83.0	41 100 *													28.0
30.0	33.4	74.4	25 700 *	47.6	79.8	33 000 *	54.6	81.7	38 200 *													30.0
32.0	25.5	70.7	23 400 *	42.2	77.7	29 500 *	49.8	80.1	34 900 *	60.7	82.4	34 300 *										32.0
34.0				36.1	75.2	26 700 *	44.6	78.2	31 200 *	56.3	81.1	31 800 *										34.0
36.0				29.0	72.0	24 300 *	38.9	75.9	28 100 *	51.6	79.6	29 600 *										36.0
38.0				19.6	67.4	22 200 *	32.3	73.0	25 500 *	46.5	77.8	27 600 *										38.0
40.0							24.2	69.2	23 300 *	41.0	75.7	25 800 *	53.0	78.6	24 500							40.0
42.0										34.8	73.1	24 200 *	48.1	76.9	23 000							42.0
44.0										27.4	69.7	22 700 *	42.8	74.9	21 700							44.0
46.0													36.8	72.4	20 500	49.3	75.5	18 900				46.0
48.0													29.8	69.3	19 400	44.1	73.5	17 800				48.0
50.0													20.8	64.9	18 300	38.3	71.2	16 900				50.0
52.0																31.6	68.2	16 000	44.8	71.6	14 400 *	52.0
54.0																23.2	64.2	15 200	39.1	69.3	13 600 *	54.0
56.0																			32.6	66.4	12 900 *	56.0
58.0																			24.5	62.6	12 200 *	58.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.4	90.1	51 200 *b																			13.7
14.0	73.9	90.0	50 800 *b																			14.0
16.0	70.3	89.4	47 900 *b																			16.0
18.0	66.6	88.6	45 300 *																			18.0
20.0	62.8	87.6	42 800 *																			20.0
22.0	58.9	86.4	39 700 *	68.1	88.5	43 800 *b																22.0
24.0	54.7	85.1	36 200 *	64.4	87.6	41 200 *																24.0
26.0	50.4	83.5	32 300 *	60.5	86.5	38 900 *	66.0	87.6	42 700 *													26.0
28.0	45.8	81.7	29 100 *	56.5	85.3	36 700 *	62.2	86.6	40 100 *													28.0
30.0	40.7	79.5	26 300 *	52.2	83.8	33 900 *	58.3	85.4	37 700 *													30.0
32.0	35.0	76.9	24 000 *	47.7	82.1	30 300 *	54.1	84.0	34 800 *													32.0
34.0	28.4	73.6	22 000 *	42.9	80.0	27 500 *	49.7	82.4	32 000 *	59.7	84.7	31 500 *										34.0
36.0	19.8	68.9	20 300 *	37.5	77.6	25 000 *	45.0	80.5	28 700 *	55.6	83.4	29 200 *										36.0
38.0				31.3	74.6	22 900 *	39.9	78.3	26 100 *	51.3	81.9	27 300 *										38.0
40.0				23.8	70.7	21 000 *	34.1	75.6	23 800 *	46.8	80.2	25 500 *	56.9	82.4	24 300							40.0
42.0				12.3	64.3	18 700 *	27.3	72.1	21 800 *	41.8	78.1	23 900 *	52.7	80.9	22 800							42.0
44.0							18.2	67.2	20 100 *	36.3	75.5	22 400 *	48.2	79.2	21 400							44.0
46.0										29.9	72.4	21 100 *	43.4	77.2	20 200							46.0
48.0										21.9	68.1	19 900 *	38.1	74.9	19 100 *	49.3	77.8	17 600				48.0
50.0													32.0	71.9	18 100 *	44.5	75.8	16 600				50.0
52.0													24.6	68.1	17 100 *	39.4	73.6	15 800				52.0
54.0													13.9	62.2	16 100 *	33.5	70.8	15 000	45.2	73.9	13 300 *	54.0
56.0																26.5	67.2	14 200	40.1	71.6	12 600 *	56.0
58.0																			34.4	69.0	11 900 *	58.0
60.0																			27.6	65.5	11 200 *	60.0
62.0																			18.7	60.7	10 600 *	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.7	93.3	48 000 *b																			13.7
14.0	75.3	93.2	47 800 *b																			14.0
16.0	72.0	92.6	45 700 *b																			16.0
18.0	68.7	91.9	43 300 *																			18.0
20.0	65.2	91.0	40 600 *																			20.0
22.0	61.7	90.0	37 800 *																			22.0
24.0	58.1	88.8	35 000 *	66.7	91.0	39 800 *																24.0
26.0	54.3	87.4	32 100 *	63.2	90.0	37 700 *																26.0
28.0	50.3	85.8	28 900 *	59.6	88.9	35 600 *	64.7	90.0	39 300 *													28.0
30.0	46.0	84.0	26 200 *	55.9	87.6	33 400 *	61.2	88.9	37 100 *													30.0
32.0	41.5	81.9	23 900 *	52.0	86.1	30 200 *	57.5	87.7	34 700 *													32.0
34.0	36.4	79.3	21 900 *	47.8	84.4	27 300 *	53.7	86.3	31 800 *													34.0
36.0	30.6	76.2	20 100 *	43.4	82.4	24 800 *	49.7	84.7	28 500 *	58.9	87.1	29 000 *										36.0
38.0	23.6	72.2	18 600 *	38.6	80.0	22 700 *	45.4	82.8	25 900 *	55.1	85.8	27 000 *										38.0
40.0				33.1	77.2	20 800 *	40.7	80.6	23 600 *	51.2	84.2	25 300 *										40.0
42.0				26.7	73.6	19 200 *	35.6	78.0	21 600 *	47.0	82.5	23 600 *	56.3	84.7	22 500							42.0
44.0				18.3	68.6	17 800 *	29.7	74.8	19 900 *	42.5	80.4	22 200 *	52.4	83.2	21 200							44.0
46.0							22.4	70.6	18 400 *	37.5	78.0	20 900 *	48.3	81.5	20 000							46.0
48.0										31.9	75.0	19 700 *	43.9	79.6	18 800 *							48.0
50.0										25.3	71.2	18 600 *	39.1	77.3	17 800 *	49.2	80.1	16 400				50.0
52.0													33.7	74.5	16 800 *	44.9	78.2	15 500				52.0
54.0													27.5	71.0	15 900 *	40.2	75.9	14 700				54.0
56.0													19.4	66.3	15 000 *	35.0	73.3	14 000	45.6	76.2	12 200 *	56.0
58.0																29.0	70.0	13 300	40.9	74.0	11 500 *	58.0
60.0																21.5	65.7	12 600	35.8	71.4	10 900 *	60.0
62.0																			29.9	68.3	10 300 *	62.0
64.0																			22.7	64.1	9 700 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.6	96.0	43 100 *b																			15.2
16.0	73.4	95.8	42 400 *b																			16.0
18.0	70.4	95.1	40 500 *																			18.0
20.0	67.3	94.3	38 300 *																			20.0
22.0	64.1	93.4	36 000 *																			22.0
24.0	60.8	92.3	33 500 *	68.6	94.3	38 500 *																24.0
26.0	57.4	91.1	31 100 *	65.4	93.4	36 500 *																26.0
28.0	53.9	89.7	28 700 *	62.2	92.4	34 700 *	66.8	93.3	38 200 *													28.0
30.0	50.2	88.1	26 200 *	58.8	91.2	32 900 *	63.6	92.4	36 100 *													30.0
32.0	46.3	86.3	23 800 *	55.4	89.9	30 200 *	60.3	91.3	34 200 *													32.0
34.0	42.1	84.2	21 800 *	51.7	88.4	27 200 *	56.9	90.1	31 800 *													34.0
36.0	37.5	81.8	20 100 *	47.9	86.7	24 700 *	53.3	88.6	28 500 *													36.0
38.0	32.4	78.8	18 500 *	43.9	84.7	22 600 *	49.6	87.0	25 800 *	58.1	89.4	26 900 *										38.0
40.0	26.4	75.2	17 100 *	39.5	82.4	20 800 *	45.7	85.1	23 500 *	54.6	88.1	25 100 *										40.0
42.0	18.6	70.2	15 900 *	34.6	79.7	19 100 *	41.4	83.0	21 500 *	51.0	86.5	23 500 *										42.0
44.0				29.0	76.4	17 700 *	36.8	80.5	19 800 *	47.1	84.8	22 000 *	55.7	87.0	21 000							44.0
46.0				22.2	72.1	16 400 *	31.6	77.5	18 300 *	43.0	82.7	20 700 *	52.1	85.5	19 800 *							46.0
48.0				12.0	65.4	14 800 *	25.4	73.7	17 000 *	38.5	80.4	19 600 *	48.3	83.8	18 700 *							48.0
50.0							17.2	68.4	15 800 *	33.5	77.5	18 400 *	44.3	81.9	17 600 *							50.0
52.0										27.8	74.1	17 400 *	39.9	79.6	16 600 *	49.2	82.4	15 400				52.0
54.0										20.5	69.5	16 200 *	35.1	77.0	15 800 *	45.3	80.5	14 600				54.0
56.0													29.6	73.7	14 900 *	41.0	78.3	13 900				56.0
58.0													23.0	69.6	14 100 *	36.3	75.7	13 200	45.8	78.5	11 400 *	58.0
60.0													13.4	63.3	13 400 *	31.0	72.7	12 600	41.6	76.4	10 800 *	60.0
62.0																24.7	68.8	11 900 *	37.0	73.9	10 200 *	62.0
64.0																16.1	63.2	11 300 *	31.8	70.9	9 600 *	64.0
68.0																			17.6	61.9	8 600 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.7	99.2	39 700 *b																			15.2
16.0	74.7	99.0	39 200 *b																			16.0
18.0	71.8	98.4	37 700 *																			18.0
20.0	69.0	97.6	35 900 *																			20.0
22.0	66.1	96.8	34 000 *																			22.0
24.0	63.1	95.8	31 900 *																			24.0
26.0	60.0	94.7	29 800 *	67.3	96.7	35 500 *																26.0
28.0	56.8	93.4	27 800 *	64.3	95.8	33 800 *																28.0
30.0	53.5	92.0	25 700 *	61.3	94.8	32 100 *	65.6	95.8	35 000 *													30.0
32.0	50.1	90.4	23 700 *	58.2	93.6	30 300 *	62.6	94.8	33 200 *													32.0
34.0	46.5	88.6	21 800 *	54.9	92.2	27 300 *	59.5	93.7	31 400 *													34.0
36.0	42.6	86.5	20 000 *	51.5	90.7	24 700 *	56.4	92.4	28 600 *													36.0
38.0	38.4	84.2	18 400 *	48.0	89.0	22 500 *	53.0	90.9	25 800 *	60.7	93.0	26 500 *										38.0
40.0	33.8	81.4	17 000 *	44.2	87.0	20 700 *	49.6	89.3	23 500 *	57.5	91.8	24 700 *										40.0
42.0	28.5	78.0	15 800 *	40.2	84.8	19 100 *	45.9	87.5	21 500 *	54.3	90.4	23 100 *										42.0
44.0	22.1	73.7	14 600 *	35.8	82.2	17 600 *	42.0	85.3	19 800 *	50.8	88.8	21 700 *										44.0
46.0				30.8	79.1	16 300 *	37.8	82.9	18 200 *	47.3	87.1	20 400 *	55.3	89.3	19 500 *							46.0
48.0				25.0	75.2	15 100 *	33.1	80.0	16 900 *	43.5	85.1	19 200 *	51.9	87.8	18 300 *							48.0
50.0				17.4	69.9	14 100 *	27.7	76.5	15 700 *	39.3	82.7	18 100 *	48.4	86.1	17 300 *							50.0
52.0							21.0	72.0	14 500 *	34.8	80.0	17 100 *	44.6	84.2	16 300 *	52.7	86.3	15 100				52.0
54.0										29.7	76.8	16 100 *	40.6	82.0	15 400 *	49.2	84.7	14 300				54.0
56.0										23.6	72.7	15 000 *	36.3	79.4	14 600 *	45.5	82.8	13 600				56.0
58.0													31.4	76.4	13 800 *	41.6	80.6	12 900 *				58.0
60.0													25.6	72.6	13 100 *	37.3	78.2	12 200 *	46.1	80.8	10 400 *	60.0
62.0													18.3	67.5	12 400 *	32.6	75.3	11 600 *	42.2	78.7	9 800 *	62.0
64.0													2.9	56.3	11 700 *	27.1	71.7	11 000 *	37.9	76.3	9 300 *	64.0
68.0																			27.9	70.0	8 300 *	68.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.7	101.9	35 800 *																			16.8
18.0	73.1	101.6	35 000 *																			18.0
20.0	70.4	100.9	33 600 *																			20.0
22.0	67.8	100.1	32 000 *																			22.0
24.0	65.0	99.2	30 300 *																			24.0
26.0	62.2	98.2	28 500 *	68.9	100.0	34 300 *																26.0
28.0	59.3	97.1	26 700 *	66.2	99.2	32 700 *																28.0
30.0	56.3	95.8	24 900 *	63.4	98.2	31 100 *																30.0
32.0	53.2	94.3	23 100 *	60.5	97.1	29 700 *	64.6	98.2	32 200 *													32.0
34.0	50.0	92.7	21 400 *	57.6	95.9	27 600 *	61.8	97.2	30 700 *													34.0
36.0	46.6	90.9	19 800 *	54.5	94.5	24 900 *	58.9	96.0	28 700 *													36.0
38.0	43.1	88.9	18 300 *	51.4	93.0	22 700 *	55.9	94.7	26 100 *													38.0
40.0	39.2	86.5	16 900 *	48.1	91.3	20 800 *	52.8	93.2	23 700 *	59.9	95.4	24 400 *										40.0
42.0	35.0	83.8	15 700 *	44.6	89.3	19 200 *	49.5	91.6	21 700 *	57.0	94.1	22 800 *										42.0
44.0	30.3	80.7	14 500 *	40.8	87.1	17 700 *	46.1	89.8	19 900 *	53.9	92.7	21 400 *										44.0
46.0	24.8	76.7	13 400 *	36.8	84.6	16 400 *	42.5	87.7	18 300 *	50.7	91.1	20 100 *										46.0
48.0	17.7	71.5	12 400 *	32.3	81.6	15 200 *	38.6	85.3	17 000 *	47.4	89.4	18 900 *	54.9	91.7	18 000 *							48.0
50.0				27.2	78.1	14 200 *	34.3	82.5	15 800 *	43.8	87.4	17 800 *	51.7	90.1	16 900 *							50.0
52.0				20.9	73.5	13 200 *	29.5	79.3	14 600 *	40.1	85.1	16 800 *	48.4	88.4	16 000 *							52.0
54.0				11.7	66.4	11 800 *	23.9	75.2	13 600 *	35.9	82.5	15 900 *	44.9	86.5	15 100 *							54.0
56.0							16.4	69.6	12 700 *	31.4	79.4	15 000 *	41.2	84.3	14 300 *	49.2	87.0	13 300 *				56.0
58.0										26.0	75.7	14 000 *	37.2	81.9	13 500 *	45.8	85.1	12 600 *				58.0
60.0										19.4	70.8	13 100 *	32.8	78.9	12 800 *	42.1	83.0	11 900 *				60.0
62.0													27.8	75.5	12 100 *	38.2	80.6	11 300 *				62.0
64.0													21.7	71.0	11 500 *	33.9	77.8	10 700 *	42.7	81.0	8 900 *	64.0
68.0																23.2	70.3	9 600 *	34.5	75.9	7 900 *	68.0
72.0																			24.1	68.7	7 100 *	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.7	105.1	33 100 *																			16.8
18.0	74.2	104.8	32 400 *																			18.0
20.0	71.7	104.1	31 300 *																			20.0
22.0	69.2	103.4	30 000 *																			22.0
24.0	66.7	102.6	28 500 *																			24.0
26.0	64.1	101.6	27 100 *	70.3	103.3	32 900 *																26.0
28.0	61.4	100.6	25 500 *	67.7	102.5	31 500 *																28.0
30.0	58.7	99.4	23 900 *	65.2	101.6	30 000 *																30.0
32.0	55.9	98.1	22 400 *	62.5	100.6	28 700 *	66.3	101.6	31 500 *													32.0
34.0	53.0	96.6	20 900 *	59.8	99.5	27 200 *	63.7	100.6	30 000 *													34.0
36.0	50.0	95.0	19 400 *	57.1	98.2	24 700 *	61.0	99.5	28 400 *													36.0
38.0	46.8	93.2	18 000 *	54.2	96.9	22 500 *	58.3	98.4	25 800 *													38.0
40.0	43.5	91.2	16 700 *	51.2	95.3	20 600 *	55.5	97.0	23 400 *	62.0	98.9	24 200 *										40.0
42.0	39.9	88.9	15 500 *	48.1	93.6	18 900 *	52.5	95.5	21 400 *	59.3	97.7	22 600 *										42.0
44.0	36.0	86.3	14 300 *	44.9	91.6	17 500 *	49.5	93.9	19 700 *	56.5	96.4	21 200 *										44.0
46.0	31.8	83.3	13 300 *	41.4	89.5	16 200 *	46.3	92.1	18 100 *	53.6	95.0	19 900 *										46.0
48.0	26.9	79.6	12 400 *	37.7	87.0	15 000 *	42.9	90.0	16 700 *	50.6	93.4	18 700 *										48.0
50.0	21.0	75.0	11 500 *	33.6	84.2	13 900 *	39.3	87.7	15 500 *	47.5	91.7	17 600 *	54.5	94.0	16 700 *							50.0
52.0				29.0	80.8	13 000 *	35.4	85.0	14 400 *	44.2	89.7	16 600 *	51.5	92.4	15 700 *							52.0
54.0				23.6	76.7	12 100 *	31.1	81.9	13 400 *	40.7	87.5	15 700 *	48.5	90.7	14 800 *							54.0
56.0				16.6	71.1	11 300 *	26.1	78.2	12 500 *	36.9	84.9	14 800 *	45.2	88.8	14 000 *							56.0
58.0							20.0	73.4	11 700 *	32.7	82.0	13 800 *	41.8	86.7	13 300 *	49.2	89.3	12 300 *				58.0
60.0										28.0	78.5	12 800 *	38.1	84.3	12 500 *	46.0	87.4	11 600 *				60.0
62.0										22.4	74.2	12 000 *	34.0	81.5	11 900 *	42.6	85.3	11 000 *				62.0
64.0										14.8	68.1	11 200 *	29.5	78.2	11 200 *	39.0	83.0	10 400 *	46.4	85.4	8 600 *	64.0
68.0													17.5	68.8	10 100 *	30.6	77.1	9 300 *	39.5	81.0	7 600 *	68.0
72.0																19.2	68.3	8 300 *	31.3	75.3	6 800 *	72.0
76.0																			20.2	66.8	6 000 *	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.8	107.8	29 900 *																			18.3
20.0	72.8	107.3	29 100 *																			20.0
22.0	70.5	106.7	28 000 *																			22.0
24.0	68.1	105.9	26 900 *																			24.0
26.0	65.7	105.0	25 600 *																			26.0
28.0	63.2	104.0	24 300 *	69.1	105.8	30 300 *																28.0
30.0	60.7	103.0	23 000 *	66.7	105.0	29 000 *																30.0
32.0	58.2	101.8	21 600 *	64.3	104.0	27 800 *	67.8	104.9	30 300 *													32.0
34.0	55.5	100.4	20 200 *	61.8	103.0	26 600 *	65.3	104.0	29 100 *													34.0
36.0	52.8	99.0	18 900 *	59.2	101.8	24 700 *	62.9	103.0	27 800 *													36.0
38.0	49.9	97.3	17 700 *	56.6	100.6	22 400 *	60.4	101.9	25 700 *													38.0
40.0	46.9	95.5	16 400 *	53.9	99.2	20 500 *	57.8	100.7	23 300 *													40.0
42.0	43.8	93.5	15 300 *	51.1	97.6	18 800 *	55.1	99.3	21 300 *	61.3	101.2	22 400 *										42.0
44.0	40.5	91.3	14 200 *	48.2	95.9	17 300 *	52.3	97.9	19 500 *	58.7	100.1	21 000 *										44.0
46.0	36.9	88.7	13 200 *	45.1	94.0	16 000 *	49.5	96.2	18 000 *	56.1	98.8	19 700 *										46.0
48.0	33.0	85.8	12 300 *	41.9	91.8	14 800 *	46.5	94.4	16 600 *	53.3	97.3	18 500 *										48.0
50.0	28.6	82.4	11 500 *	38.4	89.4	13 800 *	43.3	92.3	15 400 *	50.5	95.7	17 400 *										50.0
52.0	23.5	78.2	10 700 *	34.7	86.7	12 800 *	40.0	90.0	14 300 *	47.6	94.0	16 400 *	54.2	96.3	15 500 *							52.0
54.0	17.0	72.7	9 900 *	30.5	83.5	12 000 *	36.3	87.5	13 300 *	44.5	92.0	15 500 *	51.4	94.7	14 600 *							54.0
56.0				25.7	79.7	11 200 *	32.4	84.5	12 400 *	41.2	89.8	14 600 *	48.5	93.0	13 800 *							56.0
58.0				19.9	74.8	10 400 *	27.9	81.0	11 500 *	37.7	87.4	13 600 *	45.4	91.1	13 100 *	52.1	93.2	12 100 *				58.0
60.0				11.5	67.5	9 400 *	22.6	76.7	10 800 *	33.9	84.5	12 700 *	42.2	89.0	12 400 *	49.2	91.6	11 400 *				60.0
62.0							15.8	70.8	10 100 *	29.6	81.2	11 900 *	38.8	86.7	11 700 *	46.2	89.7	10 800 *				62.0
64.0										24.7	77.3	11 100 *	35.1	83.9	11 100 *	43.0	87.7	10 200 *				64.0
68.0													26.3	77.1	9 900 *	36.0	82.7	9 100 *	43.4	85.7	7 400 *	68.0
72.0													12.7	65.5	8 900 *	27.4	76.1	8 200 *	36.5	80.8	6 600 *	72.0
76.0																14.9	65.6	7 300 *	28.1	74.4	5 800 *	76.0
80.0																			16.1	64.3	5 100 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.7	111.0	27 700 *																			18.3
20.0	73.8	110.5	27 000 *																			20.0
22.0	71.6	109.9	26 100 *																			22.0
24.0	69.4	109.2	25 100 *																			24.0
26.0	67.1	108.3	24 100 *																			26.0
28.0	64.8	107.4	23 000 *	70.3	109.1	28 500 *																28.0
30.0	62.5	106.4	21 900 *	68.1	108.3	27 900 *																30.0
32.0	60.1	105.3	20 700 *	65.8	107.4	26 800 *																32.0
34.0	57.7	104.1	19 500 *	63.5	106.4	25 600 *	66.8	107.3	27 900 *													34.0
36.0	55.2	102.7	18 300 *	61.1	105.4	24 300 *	64.5	106.4	26 800 *													36.0
38.0	52.5	101.3	17 200 *	58.7	104.2	22 200 *	62.2	105.4	25 400 *													38.0
40.0	49.9	99.6	16 100 *	56.2	102.9	20 200 *	59.8	104.3	23 100 *													40.0
42.0	47.0	97.8	15 000 *	53.6	101.5	18 600 *	57.3	103.0	21 000 *													42.0
44.0	44.1	95.8	14 000 *	51.0	99.9	17 100 *	54.8	101.7	19 300 *	60.6	103.6	20 600 *										44.0
46.0	41.0	93.6	13 100 *	48.2	98.2	15 800 *	52.2	100.2	17 700 *	58.2	102.4	19 300 *										46.0
48.0	37.7	91.1	12 200 *	45.3	96.3	14 600 *	49.4	98.5	16 400 *	55.7	101.1	18 200 *										48.0
50.0	34.1	88.3	11 400 *	42.3	94.2	13 600 *	46.6	96.7	15 100 *	53.1	99.6	17 100 *										50.0
52.0	30.1	85.1	10 600 *	39.1	91.8	12 600 *	43.6	94.7	14 000 *	50.4	98.0	16 100 *	56.5	100.0	15 200 *							52.0
54.0	25.5	81.2	9 900 *	35.6	89.1	11 700 *	40.5	92.4	13 000 *	47.7	96.3	15 200 *	53.9	98.6	14 300 *							54.0
56.0	20.0	76.4	9 300 *	31.8	86.1	10 900 *	37.1	89.9	12 100 *	44.7	94.3	14 300 *	51.3	97.0	13 500 *							56.0
58.0				27.5	82.5	10 200 *	33.5	87.0	11 300 *	41.7	92.2	13 400 *	48.5	95.3	12 700 *							58.0
60.0				22.5	78.1	9 500 *	29.4	83.7	10 500 *	38.4	89.8	12 400 *	45.6	93.5	12 000 *	51.9	95.5	11 000 *				60.0
62.0				16.0	72.3	8 900 *	24.8	79.7	9 800 *	34.9	87.0	11 600 *	42.6	91.4	11 400 *	49.2	93.9	10 400 *				62.0
64.0				2.0	59.0	7 100 *	19.1	74.7	9 200 *	31.0	83.9	10 800 *	39.4	89.0	10 700 *	46.3	92.0	9 800 *				64.0
68.0										21.3	75.6	9 400 *	32.2	83.4	9 600 *	40.2	87.7	8 800 *				68.0
72.0													23.1	75.6	8 600 *	33.1	82.2	7 800 *	40.6	85.8	6 200 *	72.0
76.0													5.6	59.5	7 600 *	24.3	74.8	7 000 *	33.6	80.4	5 500 *	76.0
80.0																			25.0	73.2	4 800 *	80.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	74.9	113.7	25 000 *																			19.8
20.0	74.7	113.7	24 900 *																			20.0
22.0	72.6	113.1	24 200 *																			22.0
24.0	70.5	112.4	23 500 *																			24.0
26.0	68.4	111.6	22 600 *																			26.0
28.0	66.3	110.8	21 700 *																			28.0
30.0	64.1	109.9	20 700 *	69.3	111.6	25 800 *																30.0
32.0	61.8	108.8	19 700 *	67.2	110.7	25 200 *																32.0
34.0	59.6	107.7	18 700 *	65.0	109.8	24 200 *																34.0
36.0	57.2	106.4	17 700 *	62.8	108.8	23 100 *	65.9	109.8	25 700 *													36.0
38.0	54.8	105.1	16 700 *	60.5	107.7	22 000 *	63.7	108.8	24 900 *													38.0
40.0	52.4	103.6	15 700 *	58.2	106.5	20 300 *	61.5	107.8	23 300 *													40.0
42.0	49.8	101.9	14 700 *	55.8	105.2	18 600 *	59.2	106.6	21 100 *													42.0
44.0	47.1	100.1	13 800 *	53.4	103.8	17 100 *	56.9	105.4	19 300 *													44.0
46.0	44.4	98.2	12 900 *	50.9	102.2	15 700 *	54.5	104.0	17 700 *	60.1	106.0	19 000 *										46.0
48.0	41.4	96.0	12 100 *	48.3	100.5	14 500 *	52.0	102.5	16 300 *	57.7	104.8	17 800 *										48.0
50.0	38.3	93.5	11 300 *	45.5	98.6	13 500 *	49.4	100.8	15 100 *	55.4	103.4	16 800 *										50.0
52.0	35.0	90.8	10 500 *	42.7	96.5	12 500 *	46.7	99.0	14 000 *	52.9	101.9	15 800 *										52.0
54.0	31.3	87.7	9 800 *	39.6	94.2	11 600 *	43.9	97.0	12 900 *	50.4	100.3	14 900 *	56.1	102.3	14 000 *							54.0
56.0	27.2	84.1	9 100 *	36.4	91.6	10 800 *	41.0	94.8	12 000 *	47.7	98.6	14 000 *	53.7	100.9	13 200 *							56.0
58.0	22.4	79.7	8 500 *	32.9	88.6	10 100 *	37.8	92.3	11 200 *	45.0	96.6	13 200 *	51.1	99.4	12 400 *							58.0
60.0	16.4	73.9	7 800 *	29.0	85.3	9 400 *	34.5	89.5	10 400 *	42.1	94.5	12 400 *	48.5	97.6	11 700 *							60.0
62.0				24.5	81.2	8 800 *	30.7	86.3	9 700 *	39.0	92.1	11 500 *	45.8	95.8	11 100 *							62.0
64.0				19.1	76.1	8 200 *	26.6	82.6	9 000 *	35.7	89.5	10 700 *	43.0	93.7	10 400 *	49.2	96.2	9 500 *				64.0
68.0							15.3	71.9	7 900 *	28.1	83.0	9 300 *	36.8	88.8	9 400 *	43.7	92.3	8 500 *				68.0
72.0										17.8	73.4	8 100 *	29.4	82.6	8 300 *	37.5	87.6	7 500 *	44.1	90.3	5 900 *	72.0
76.0													19.8	73.7	7 400 *	30.4	81.5	6 700 *	38.0	85.7	5 200 *	76.0
80.0																21.1	73.1	5 900 *	30.9	79.8	4 500 *	80.0
84.0																			21.9	71.5	3 900 *	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	75.7	116.9	23 100 *																			19.8
20.0	75.5	116.9	23 000 *																			20.0
22.0	73.5	116.3	22 400 *																			22.0
24.0	71.5	115.6	21 800 *																			24.0
26.0	69.5	114.9	21 100 *																			26.0
28.0	67.5	114.1	20 400 *																			28.0
30.0	65.5	113.2	19 600 *																			30.0
32.0	63.4	112.3	18 700 *	68.4	114.0	23 300 *																32.0
34.0	61.2	111.2	17 800 *	66.3	113.2	22 300 *																34.0
36.0	59.1	110.0	16 900 *	64.2	112.3	21 300 *																36.0
38.0	56.8	108.8	16 100 *	62.1	111.2	20 100 *	65.2	112.2	22 400 *													38.0
40.0	54.6	107.4	15 200 *	60.0	110.1	19 000 *	63.1	111.2	21 200 *													40.0
42.0	52.2	105.9	14 300 *	57.8	108.9	17 900 *	60.9	110.2	20 000 *													42.0
44.0	49.8	104.2	13 500 *	55.5	107.5	16 800 *	58.7	109.0	18 800 *													44.0
46.0	47.2	102.4	12 700 *	53.2	106.1	15 500 *	56.5	107.7	17 500 *	61.7	109.5	19 000 *										46.0
48.0	44.6	100.5	11 900 *	50.8	104.5	14 300 *	54.2	106.3	16 100 *	59.5	108.3	17 700 *										48.0
50.0	41.8	98.3	11 000 *	48.3	102.8	13 200 *	51.8	104.8	14 800 *	57.3	107.1	16 700 *										50.0
52.0	38.9	95.9	10 200 *	45.7	100.9	12 200 *	49.4	103.1	13 700 *	55.0	105.7	15 600 *										52.0
54.0	35.8	93.3	9 500 *	43.0	98.8	11 400 *	46.9	101.3	12 700 *	52.7	104.2	14 700 *										54.0
56.0	32.4	90.3	8 900 *	40.2	96.5	10 600 *	44.2	99.3	11 800 *	50.3	102.6	13 900 *	55.7	104.7	12 900 *							56.0
58.0	28.7	86.8	8 300 *	37.1	94.0	9 800 *	41.4	97.1	10 900 *	47.8	100.9	13 100 *	53.4	103.2	12 200 *							58.0
60.0	24.4	82.8	7 700 *	33.9	91.2	9 200 *	38.5	94.7	10 100 *	45.2	99.0	12 100 *	51.0	101.7	11 500 *							60.0
62.0	19.3	77.7	7 200 *	30.3	87.9	8 500 *	35.3	92.0	9 400 *	42.4	96.8	11 200 *	48.6	99.9	10 800 *							62.0
64.0	12.2	70.4	6 200 *	26.3	84.1	7 900 *	31.9	88.9	8 800 *	39.6	94.5	10 400 *	46.0	98.1	10 200 *	51.6	100.1	9 200 *				64.0
68.0				15.5	73.4	6 900 *	23.7	81.2	7 600 *	33.2	89.0	9 000 *	40.5	93.8	9 100 *	46.6	96.6	8 200 *				68.0
72.0										25.4	81.8	7 800 *	34.2	88.4	8 100 *	41.1	92.4	7 200 *	47.0	94.6	5 600 *	72.0
76.0										14.0	70.3	6 800 *	26.7	81.5	7 200 *	35.0	87.2	6 400 *	41.5	90.5	4 800 *	76.0
80.0													16.2	71.2	6 400 *	27.7	80.6	5 700 *	35.4	85.4	4 100 *	80.0
84.0																17.8	70.8	5 000 *	28.2	78.8	3 600 *	84.0
88.0																			18.6	69.4	3 000 *	88.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

57.9m (190 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	65.3	80.2	54 400 *b																			13.7
14.0	64.4	80.1	53 900 *b																			14.0
16.0	58.2	78.9	50 300 *b																			16.0
18.0	51.6	77.5	47 000 *b																			18.0
20.0	44.2	75.6	44 200 *	61.7	79.1	50 300 *b																20.0
22.0	35.6	73.1	40 000 *	55.3	77.9	46 900 *b																22.0
24.0	24.6	69.5	35 200 *	48.3	76.2	43 800 *	58.6	78.1	48 800 *b													24.0
26.0				40.5	74.1	41 000 *	52.0	76.6	45 300 *b													26.0
28.0				31.1	71.2	37 900 *	44.7	74.8	41 800 *													28.0
30.0				17.4	66.6	33 400 *	36.2	72.4	38 300 *	55.3	76.3	37 400 *b										30.0
32.0							25.4	68.9	35 200 *	48.4	74.6	34 500 *										32.0
34.0										40.6	72.5	32 000 *										34.0
36.0										31.2	69.6	29 700 *	51.5	73.8	28 300							36.0
38.0										17.6	65.0	27 700 *	44.1	71.9	26 400							38.0
40.0													35.5	69.4	24 700							40.0
42.0													24.4	65.8	23 200	46.8	70.7	21 500				42.0
44.0																38.8	68.4	20 300				44.0
46.0																28.8	65.3	19 100				46.0
48.0																			41.0	66.7	16 600 *	48.0
50.0																			31.7	63.8	15 700 *	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

57.9m (190 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	68.5	83.5	52 600 *b																			13.7
14.0	67.8	83.4	52 100 *b																			14.0
16.0	62.6	82.5	48 700 *b																			16.0
18.0	57.1	81.3	45 600 *b																			18.0
20.0	51.3	79.8	42 900 *	65.5	82.6	48 600 *b																20.0
22.0	44.8	77.9	39 900 *	60.2	81.5	45 500 *b																22.0
24.0	37.6	75.5	35 400 *	54.5	80.2	42 700 *	62.9	81.6	47 500 *b													24.0
26.0	28.7	72.4	31 600 *	48.4	78.5	40 000 *	57.5	80.4	44 300 *b													26.0
28.0				41.7	76.5	37 300 *	51.6	79.0	41 200 *													28.0
30.0				33.8	73.8	33 700 *	45.3	77.1	38 000 *	60.2	79.9	37 000 *b										30.0
32.0				23.8	70.0	30 100 *	38.1	74.8	35 000 *	54.6	78.6	34 100 *										32.0
34.0							29.4	71.7	32 200 *	48.5	76.9	31 600 *										34.0
36.0							16.9	66.8	28 900 *	41.7	74.9	29 400 *										36.0
38.0										33.9	72.2	27 400 *	51.2	76.1	26 100							38.0
40.0										23.9	68.4	25 600 *	44.7	74.3	24 500							40.0
42.0													37.5	71.9	23 000							42.0
44.0													28.6	68.7	21 700							44.0
46.0																47.1	73.0	19 900				46.0
48.0																40.2	70.8	18 800				48.0
50.0																32.0	68.0	17 800				50.0
52.0																21.1	63.8	16 800				52.0
54.0																			42.1	69.0	15 200 *	54.0
																			34.3	66.4	14 400 *	52.0
																			24.4	62.7	13 600 *	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

57.9m (190 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	71.0	86.8	50 200 *b																			13.7
14.0	70.4	86.7	49 700 *b																			14.0
16.0	65.9	85.9	46 700 *b																			16.0
18.0	61.2	84.8	43 900 *																			18.0
20.0	56.3	83.6	41 300 *	68.4	85.9	47 000 *b																20.0
22.0	51.0	82.1	39 000 *	63.8	85.0	44 400 *b																22.0
24.0	45.3	80.2	35 800 *	59.0	83.9	41 800 *																24.0
26.0	39.0	77.9	31 900 *	53.9	82.5	39 300 *	61.5	84.0	43 600 *													26.0
28.0	31.6	75.0	28 700 *	48.5	80.8	36 900 *	56.6	82.8	40 800 *													28.0
30.0	22.1	70.9	26 000 *	42.6	78.8	34 000 *	51.3	81.3	38 000 *													30.0
32.0				35.8	76.3	30 300 *	45.7	79.4	35 000 *	59.0	82.3	34 000 *										32.0
34.0				27.7	72.9	27 400 *	39.4	77.2	32 200 *	54.0	80.9	31 500 *										34.0
36.0				16.0	67.7	24 900 *	32.1	74.3	29 000 *	48.5	79.2	29 300 *										36.0
38.0							22.8	70.3	26 200 *	42.6	77.2	27 300 *										38.0
40.0										35.9	74.7	25 500 *	50.9	78.4	24 200							40.0
42.0										27.8	71.4	23 900 *	45.2	76.6	22 800							42.0
44.0										16.1	66.2	22 400 *	38.9	74.3	21 500							44.0
46.0													31.5	71.4	20 200	47.3	75.3	18 600				46.0
48.0													21.9	67.2	19 100 *	41.2	73.2	17 600				48.0
50.0																34.3	70.5	16 600				50.0
52.0																25.7	66.9	15 800	42.9	71.4	14 200 *	52.0
54.0																			36.2	68.9	13 400 *	54.0
56.0																			28.2	65.6	12 700 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

57.9m (190 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	73.0	90.0	48 300 *b																			13.7
14.0	72.4	89.9	47 900 *b																			14.0
16.0	68.4	89.2	45 100 *b																			16.0
18.0	64.3	88.3	42 500 *																			18.0
20.0	60.0	87.2	40 100 *	70.6	89.2	45 400 *b																20.0
22.0	55.5	85.9	37 800 *	66.6	88.4	43 000 *b																22.0
24.0	50.8	84.4	34 900 *	62.4	87.4	40 500 *																24.0
26.0	45.7	82.5	31 800 *	58.0	86.2	38 100 *	64.6	87.4	42 300 *													26.0
28.0	40.1	80.3	28 600 *	53.4	84.8	36 000 *	60.3	86.4	39 700 *													28.0
30.0	33.7	77.6	25 900 *	48.5	83.1	33 600 *	55.8	85.1	37 300 *													30.0
32.0	26.0	74.0	23 600 *	43.2	81.1	30 300 *	51.1	83.6	34 700 *	62.4	85.8	33 600 *										32.0
34.0				37.3	78.7	27 400 *	46.0	81.7	32 000 *	58.1	84.6	31 100 *										34.0
36.0				30.5	75.7	24 900 *	40.5	79.6	28 900 *	53.5	83.2	28 900 *										36.0
38.0				21.7	71.4	22 700 *	34.2	76.9	26 200 *	48.6	81.5	26 900 *										38.0
40.0							26.5	73.3	23 900 *	43.3	79.5	25 200 *	55.5	82.3	23 900							40.0
42.0							15.7	68.0	21 800 *	37.4	77.1	23 600 *	50.7	80.7	22 500							42.0
44.0										30.5	74.1	22 100 *	45.6	78.9	21 200							44.0
46.0										21.7	69.9	20 800 *	40.0	76.7	19 900 *							46.0
48.0													33.6	73.9	18 800 *	47.5	77.6	17 300				48.0
50.0													25.9	70.3	17 700 *	42.1	75.5	16 400				50.0
52.0																36.0	73.0	15 500				52.0
54.0																28.9	69.7	14 700	43.5	73.7	12 900 *	54.0
56.0																19.4	65.1	13 900	37.7	71.3	12 200 *	56.0
58.0																			30.9	68.3	11 500 *	58.0
60.0																			22.2	64.1	10 900 *	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

57.9m (190 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.6	93.2	46 600 *b																			13.7
14.0	74.1	93.1	46 200 *b																			14.0
16.0	70.5	92.5	43 600 *b																			16.0
18.0	66.8	91.7	41 200 *																			18.0
20.0	63.0	90.7	39 000 *																			20.0
22.0	59.1	89.5	36 400 *	68.8	91.7	41 600 *b																22.0
24.0	55.0	88.2	33 500 *	65.1	90.8	39 200 *																24.0
26.0	50.6	86.7	30 900 *	61.2	89.8	37 100 *	67.0	90.8	41 100 *													26.0
28.0	46.0	84.8	28 300 *	57.2	88.5	35 000 *	63.2	89.8	38 700 *													28.0
30.0	41.0	82.7	25 900 *	53.0	87.1	33 100 *	59.3	88.7	36 400 *													30.0
32.0	35.4	80.1	23 700 *	48.6	85.4	31 000 *	55.2	87.4	34 300 *													32.0
34.0	28.8	76.8	21 700 *	43.8	83.5	28 000 *	50.9	85.9	31 800 *	61.3	88.1	30 800 *										34.0
36.0	20.4	72.3	20 000 *	38.5	81.1	25 400 *	46.3	84.0	29 400 *	57.3	86.9	28 600 *										36.0
38.0				32.5	78.3	23 200 *	41.3	81.9	26 800 *	53.1	85.5	26 600 *										38.0
40.0				25.3	74.5	21 300 *	35.7	79.3	24 300 *	48.6	83.8	24 900 *										40.0
42.0				15.1	68.9	19 500 *	29.3	76.1	22 300 *	43.8	81.9	23 300 *	54.9	84.6	22 200 *							42.0
44.0							21.0	71.7	20 500 *	38.6	79.5	21 900 *	50.6	83.0	20 800 *							44.0
46.0										32.6	76.7	20 600 *	45.9	81.2	19 600 *							46.0
48.0										25.4	73.0	19 400 *	40.9	79.0	18 400 *							48.0
50.0										15.2	67.3	18 200 *	35.3	76.4	17 400 *	47.6	79.9	16 100				50.0
52.0													28.7	73.1	16 500 *	42.8	77.8	15 300				52.0
54.0													20.2	68.6	15 500 *	37.4	75.4	14 500				54.0
56.0																31.2	72.4	13 700	44.1	76.0	11 900 *	56.0
58.0																23.6	68.4	13 000 *	38.8	73.7	11 200 *	58.0
60.0																			32.9	70.9	10 600 *	60.0
62.0																			25.8	67.2	10 000 *	62.0
64.0																			15.8	61.7	9 500 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

57.9m (190 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.9	96.4	43 500 *b																			13.7
14.0	75.5	96.3	43 300 *b																			14.0
16.0	72.2	95.7	41 500 *b																			16.0
18.0	68.8	95.0	39 400 *																			18.0
20.0	65.4	94.1	37 100 *																			20.0
22.0	61.9	93.1	34 700 *																			22.0
24.0	58.3	91.9	32 200 *	67.3	94.1	37 900 *																24.0
26.0	54.5	90.5	29 800 *	63.8	93.2	35 900 *																26.0
28.0	50.5	89.0	27 500 *	60.3	92.1	34 000 *	65.6	93.2	37 500 *													28.0
30.0	46.3	87.1	25 300 *	56.6	90.9	32 200 *	62.1	92.2	35 400 *													30.0
32.0	41.7	85.0	23 200 *	52.7	89.4	30 500 *	58.5	91.1	33 500 *													32.0
34.0	36.7	82.5	21 300 *	48.6	87.7	27 800 *	54.7	89.7	31 500 *													34.0
36.0	31.0	79.5	19 600 *	44.3	85.8	25 200 *	50.8	88.2	29 100 *	60.3	90.5	28 200 *										36.0
38.0	24.0	75.5	18 100 *	39.5	83.5	23 000 *	46.5	86.4	26 500 *	56.6	89.3	26 200 *										38.0
40.0				34.2	80.8	21 200 *	42.0	84.3	24 200 *	52.7	87.8	24 500 *										40.0
42.0				28.0	77.4	19 500 *	37.0	81.8	22 100 *	48.6	86.1	22 900 *										42.0
44.0				20.1	72.8	18 000 *	31.3	78.8	20 300 *	44.3	84.2	21 500 *	54.4	86.9	20 400 *							44.0
46.0							24.5	74.9	18 800 *	39.5	81.9	20 200 *	50.4	85.3	19 200 *							46.0
48.0							14.9	69.1	17 400 *	34.2	79.2	19 100 *	46.2	83.5	18 100 *							48.0
50.0										28.1	75.8	18 000 *	41.6	81.4	17 100 *							50.0
52.0										20.2	71.2	17 000 *	36.6	78.9	16 100 *	47.7	82.2	15 000				52.0
54.0													30.9	75.8	15 200 *	43.3	80.2	14 200				54.0
56.0													23.9	71.8	14 400 *	38.5	77.8	13 400 *				56.0
58.0																33.0	75.0	12 700 *	44.5	78.3	10 800 *	58.0
60.0																26.6	71.4	12 000 *	39.8	76.1	10 200 *	60.0
62.0																18.1	66.4	11 400 *	34.5	73.4	9 600 *	62.0
64.0																			28.4	70.0	9 100 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

57.9m (190 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.7	99.1	39 200 *b																			15.2
16.0	73.6	98.9	38 600 *b																			16.0
18.0	70.5	98.2	36 900 *																			18.0
20.0	67.4	97.4	35 000 *																			20.0
22.0	64.3	96.5	33 000 *																			22.0
24.0	61.0	95.4	30 800 *	69.1	97.4	36 600 *																24.0
26.0	57.6	94.2	28 700 *	66.0	96.6	34 900 *																26.0
28.0	54.1	92.8	26 600 *	62.8	95.6	33 400 *																28.0
30.0	50.4	91.3	24 600 *	59.5	94.5	31 600 *	64.5	95.7	34 500 *													30.0
32.0	46.5	89.5	22 700 *	56.0	93.2	30 000 *	61.2	94.6	32 700 *													32.0
34.0	42.3	87.4	21 000 *	52.4	91.7	28 100 *	57.8	93.4	30 900 *													34.0
36.0	37.8	84.9	19 300 *	48.6	90.0	25 400 *	54.3	92.0	29 100 *													36.0
38.0	32.7	82.0	17 800 *	44.6	88.1	23 100 *	50.6	90.5	26 700 *	59.5	92.9	26 000 *										38.0
40.0	26.7	78.5	16 500 *	40.3	85.9	21 200 *	46.7	88.7	24 300 *	56.0	91.6	24 300 *										40.0
42.0	19.1	73.6	15 300 *	35.5	83.3	19 500 *	42.6	86.6	22 200 *	52.5	90.1	22 800 *										42.0
44.0				30.1	80.1	18 100 *	38.1	84.2	20 400 *	48.7	88.4	21 400 *										44.0
46.0				23.6	76.0	16 700 *	33.0	81.3	18 800 *	44.7	86.5	20 100 *	54.0	89.2	19 000 *							46.0
48.0				14.4	70.0	15 500 *	27.1	77.8	17 500 *	40.3	84.3	18 900 *	50.3	87.6	17 900 *							48.0
50.0							19.7	73.0	16 200 *	35.6	81.7	17 800 *	46.4	85.8	16 900 *							50.0
52.0										30.2	78.5	16 900 *	42.2	83.7	16 000 *	51.7	86.2	14 800 *				52.0
54.0										23.6	74.5	15 900 *	37.7	81.3	15 100 *	47.8	84.5	14 000 *				54.0
56.0										14.5	68.5	15 000 *	32.6	78.4	14 300 *	43.8	82.5	13 300 *				56.0
58.0													26.6	74.8	13 500 *	39.4	80.2	12 500 *				58.0
60.0													19.0	69.9	12 800 *	34.5	77.5	11 900 *	44.9	80.7	10 100 *	60.0
62.0																28.9	74.2	11 200 *	40.5	78.4	9 500 *	62.0
64.0																22.0	69.9	10 700 *	35.8	75.8	9 000 *	64.0
68.0																			24.0	68.7	8 000 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.9	102.3	36 300 *b																			15.2
16.0	74.8	102.1	35 800 *b																			16.0
18.0	72.0	101.4	34 500 *																			18.0
20.0	69.1	100.7	32 900 *																			20.0
22.0	66.2	99.9	31 200 *																			22.0
24.0	63.2	98.9	29 400 *																			24.0
26.0	60.2	97.8	27 500 *	67.8	99.9	33 800 *																26.0
28.0	57.0	96.6	25 600 *	64.9	99.0	32 200 *																28.0
30.0	53.7	95.2	23 900 *	61.9	98.0	30 600 *	66.4	99.0	33 400 *													30.0
32.0	50.3	93.6	22 100 *	58.7	96.8	29 100 *	63.4	98.1	31 700 *													32.0
34.0	46.7	91.8	20 500 *	55.5	95.5	27 600 *	60.4	97.0	30 100 *													34.0
36.0	42.8	89.7	19 000 *	52.2	94.0	25 200 *	57.2	95.7	28 500 *													36.0
38.0	38.7	87.3	17 500 *	48.7	92.3	23 000 *	53.9	94.3	26 500 *													38.0
40.0	34.1	84.6	16 200 *	45.0	90.4	21 000 *	50.5	92.8	24 100 *	58.8	95.2	24 000 *										40.0
42.0	28.8	81.2	15 000 *	41.0	88.2	19 300 *	46.9	91.0	22 000 *	55.6	93.9	22 400 *										42.0
44.0	22.5	77.0	14 000 *	36.6	85.7	17 900 *	43.1	88.9	20 200 *	52.2	92.4	21 000 *										44.0
46.0				31.8	82.7	16 500 *	38.9	86.6	18 600 *	48.7	90.7	19 700 *	57.0	92.9	18 700 *							46.0
48.0				26.2	79.0	15 300 *	34.4	83.8	17 200 *	45.0	88.8	18 600 *	53.7	91.5	17 500 *							48.0
50.0				19.0	74.1	14 300 *	29.2	80.5	16 000 *	41.0	86.6	17 500 *	50.2	89.9	16 500 *							50.0
52.0							23.0	76.4	14 900 *	36.7	84.1	16 600 *	46.6	88.1	15 600 *							52.0
54.0							14.3	70.3	13 800 *	31.8	81.1	15 600 *	42.8	86.0	14 700 *	51.5	88.5	13 600 *				54.0
56.0										26.2	77.4	14 800 *	38.6	83.7	13 900 *	47.9	86.8	12 900 *				56.0
58.0										19.1	72.5	14 000 *	34.0	80.9	13 200 *	44.2	84.8	12 200 *				58.0
60.0													28.8	77.6	12 500 *	40.1	82.6	11 500 *				60.0
62.0													22.4	73.3	11 800 *	35.7	80.0	10 900 *	45.2	83.0	9 100 *	62.0
64.0													13.4	66.9	11 200 *	30.7	76.8	10 300 *	41.2	80.8	8 600 *	64.0
68.0																17.2	67.6	9 200 *	32.1	75.3	7 700 *	68.0
72.0																			19.4	66.8	6 800 *	72.0

Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

57.9m (190 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.8	105.0	32 800 *																			16.8
18.0	73.2	104.6	32 100 *																			18.0
20.0	70.6	104.0	30 800 *																			20.0
22.0	67.9	103.2	29 400 *																			22.0
24.0	65.2	102.3	27 900 *																			24.0
26.0	62.3	101.3	26 300 *	69.4	103.2	32 600 *																26.0
28.0	59.5	100.2	24 700 *	66.7	102.4	31 100 *																28.0
30.0	56.5	98.9	23 100 *	63.9	101.4	29 700 *																30.0
32.0	53.4	97.5	21 500 *	61.1	100.4	28 300 *	65.3	101.5	31 100 *													32.0
34.0	50.2	95.9	20 000 *	58.1	99.2	27 000 *	62.5	100.5	29 600 *													34.0
36.0	46.8	94.1	18 600 *	55.1	97.8	25 400 *	59.6	99.3	28 200 *													36.0
38.0	43.3	92.0	17 200 *	52.0	96.3	23 200 *	56.7	98.1	26 600 *													38.0
40.0	39.4	89.7	16 000 *	48.7	94.6	21 200 *	53.6	96.6	24 300 *	61.1	98.8	23 800 *										40.0
42.0	35.2	87.0	14 800 *	45.2	92.7	19 500 *	50.4	95.1	22 200 *	58.2	97.6	22 300 *										42.0
44.0	30.6	83.9	13 800 *	41.6	90.6	18 000 *	47.0	93.3	20 300 *	55.1	96.2	20 900 *										44.0
46.0	25.1	80.0	12 800 *	37.6	88.1	16 600 *	43.5	91.3	18 700 *	52.0	94.7	19 600 *										46.0
48.0	18.2	74.9	12 000 *	33.2	85.3	15 400 *	39.7	89.0	17 300 *	48.7	93.0	18 400 *	56.5	95.3	17 300 *							48.0
50.0				28.2	81.8	14 300 *	35.5	86.3	16 000 *	45.3	91.1	17 300 *	53.4	93.8	16 300 *							50.0
52.0				22.2	77.5	13 400 *	30.9	83.2	14 900 *	41.6	89.0	16 300 *	50.2	92.2	15 400 *							52.0
54.0				13.9	71.2	12 300 *	25.5	79.4	13 900 *	37.6	86.5	15 400 *	46.8	90.4	14 500 *							54.0
56.0							18.7	74.3	13 000 *	33.2	83.7	14 600 *	43.2	88.4	13 700 *							56.0
58.0										28.3	80.2	13 800 *	39.4	86.1	12 900 *	48.0	89.1	11 900 *				58.0
60.0										22.3	75.9	13 100 *	35.2	83.4	12 300 *	44.5	87.1	11 200 *				60.0
62.0										14.0	69.6	12 400 *	30.5	80.2	11 600 *	40.8	84.9	10 600 *				62.0
64.0													25.0	76.3	11 000 *	36.7	82.4	10 100 *	45.4	85.3	8 300 *	64.0
68.0																27.1	75.8	9 000 *	37.8	80.7	7 400 *	68.0
72.0																			28.5	74.5	6 500 *	72.0
76.0																			14.5	64.0	5 800 *	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.8	108.2	30 400 *																			16.8
18.0	74.3	107.8	29 800 *																			18.0
20.0	71.8	107.2	28 700 *																			20.0
22.0	69.3	106.5	27 600 *																			22.0
24.0	66.8	105.7	26 300 *																			24.0
26.0	64.2	104.7	25 000 *	70.7	106.5	31 200 *																26.0
28.0	61.6	103.7	23 600 *	68.2	105.7	29 900 *																28.0
30.0	58.8	102.5	22 200 *	65.6	104.8	28 600 *																30.0
32.0	56.0	101.2	20 800 *	63.0	103.8	27 300 *	67.0	104.8	30 000 *													32.0
34.0	53.1	99.8	19 500 *	60.3	102.7	26 100 *	64.4	103.9	28 600 *													34.0
36.0	50.1	98.2	18 100 *	57.6	101.5	24 900 *	61.7	102.8	27 300 *													36.0
38.0	47.0	96.4	16 900 *	54.7	100.1	22 900 *	59.0	101.7	26 000 *													38.0
40.0	43.6	94.4	15 700 *	51.8	98.6	20 900 *	56.2	100.4	24 100 *													40.0
42.0	40.1	92.1	14 600 *	48.7	96.9	19 300 *	53.3	99.0	22 000 *	60.4	101.1	21 900 *										42.0
44.0	36.2	89.5	13 600 *	45.5	95.0	17 700 *	50.3	97.4	20 100 *	57.6	99.9	20 500 *										44.0
46.0	32.0	86.5	12 700 *	42.1	92.9	16 400 *	47.2	95.6	18 500 *	54.8	98.5	19 200 *										46.0
48.0	27.2	82.9	11 800 *	38.4	90.5	15 200 *	43.8	93.6	17 100 *	51.8	97.0	18 000 *										48.0
50.0	21.3	78.4	11 000 *	34.4	87.8	14 100 *	40.3	91.3	15 800 *	48.7	95.3	17 000 *	56.0	97.6	15 900 *							50.0
52.0				29.9	84.5	13 200 *	36.5	88.8	14 700 *	45.5	93.4	16 000 *	53.1	96.1	15 000 *							52.0
54.0				24.7	80.6	12 300 *	32.3	85.8	13 700 *	42.1	91.3	15 100 *	50.1	94.5	14 100 *							54.0
56.0				18.1	75.3	11 500 *	27.5	82.2	12 700 *	38.4	88.9	14 300 *	46.9	92.7	13 300 *							56.0
58.0							21.7	77.8	11 900 *	34.4	86.2	13 500 *	43.6	90.7	12 600 *	51.2	93.1	11 500 *				58.0
60.0							13.9	71.4	11 000 *	29.9	82.9	12 800 *	40.0	88.4	11 900 *	48.1	91.4	10 800 *				60.0
62.0										24.7	79.0	12 100 *	36.2	85.8	11 300 *	44.8	89.5	10 300 *				62.0
64.0										18.2	73.8	11 400 *	31.9	82.8	10 700 *	41.3	87.3	9 700 *				64.0
68.0													21.2	74.7	9 500 *	33.5	82.0	8 700 *	42.2	85.5	7 000 *	68.0
72.0																23.5	74.4	7 700 *	34.6	80.3	6 200 *	72.0
76.0																			25.0	73.2	5 400 *	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	74.9	110.9	27 600 *																			18.3
20.0	73.0	110.4	26 900 *																			20.0
22.0	70.6	109.7	25 900 *																			22.0
24.0	68.2	109.0	24 800 *																			24.0
26.0	65.8	108.1	23 700 *																			26.0
28.0	63.4	107.1	22 500 *	69.5	109.0	28 400 *																28.0
30.0	60.9	106.1	21 300 *	67.2	108.2	27 700 *																30.0
32.0	58.3	104.9	20 000 *	64.7	107.2	26 400 *																32.0
34.0	55.6	103.5	18 900 *	62.3	106.2	25 300 *	66.0	107.2	27 700 *													34.0
36.0	52.9	102.1	17 700 *	59.7	105.1	24 300 *	63.5	106.3	26 500 *													36.0
38.0	50.1	100.5	16 500 *	57.1	103.8	22 800 *	61.0	105.2	25 300 *													38.0
40.0	47.1	98.7	15 400 *	54.4	102.5	20 800 *	58.5	104.0	24 000 *													40.0
42.0	44.0	96.7	14 400 *	51.6	100.9	19 100 *	55.8	102.7	21 800 *													42.0
44.0	40.7	94.4	13 400 *	48.7	99.2	17 600 *	53.1	101.3	20 000 *	59.7	103.5	20 300 *										44.0
46.0	37.1	91.9	12 500 *	45.7	97.4	16 200 *	50.2	99.7	18 400 *	57.1	102.2	19 000 *										46.0
48.0	33.2	89.0	11 700 *	42.5	95.3	15 100 *	47.3	97.9	16 900 *	54.4	100.9	17 900 *										48.0
50.0	28.9	85.7	10 900 *	39.1	92.9	14 000 *	44.2	95.9	15 700 *	51.6	99.3	16 800 *										50.0
52.0	23.8	81.5	10 200 *	35.4	90.2	13 000 *	40.9	93.7	14 500 *	48.8	97.6	15 800 *	55.6	99.9	14 800 *							52.0
54.0	17.4	76.1	9 600 *	31.3	87.1	12 100 *	37.3	91.2	13 500 *	45.7	95.8	14 900 *	52.9	98.4	13 900 *							54.0
56.0				26.7	83.5	11 300 *	33.5	88.3	12 600 *	42.5	93.7	14 100 *	50.0	96.8	13 200 *							56.0
58.0				21.1	78.9	10 600 *	29.2	85.0	11 800 *	39.1	91.3	13 300 *	47.0	95.0	12 400 *							58.0
60.0				13.5	72.3	9 700 *	24.1	80.9	11 000 *	35.4	88.6	12 600 *	43.9	93.0	11 700 *	51.0	95.4	10 700 *				60.0
62.0							17.8	75.6	10 200 *	31.3	85.6	11 900 *	40.6	90.8	11 100 *	48.1	93.7	10 100 *				62.0
64.0							7.3	66.3	9 200 *	26.7	81.9	11 300 *	37.0	88.3	10 500 *	45.1	91.8	9 500 *				64.0
68.0										13.6	70.7	9 900 *	28.8	82.0	9 400 *	38.3	87.2	8 500 *	45.9	89.9	6 800 *	68.0
72.0													17.3	72.4	8 400 *	30.4	81.3	7 600 *	39.3	85.5	6 000 *	72.0
76.0																19.8	72.6	6 800 *	31.5	79.8	5 200 *	76.0
80.0																			21.5	71.6	4 600 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.8	114.1	25 500 *																			18.3
20.0	73.9	113.6	24 900 *																			20.0
22.0	71.7	113.0	24 000 *																			22.0
24.0	69.5	112.2	23 200 *																			24.0
26.0	67.3	111.4	22 300 *																			26.0
28.0	65.0	110.5	21 300 *																			28.0
30.0	62.6	109.5	20 300 *	68.5	111.5	25 800 *																30.0
32.0	60.2	108.4	19 200 *	66.2	110.6	25 300 *																32.0
34.0	57.8	107.2	18 200 *	63.9	109.7	24 700 *	67.4	110.6	26 200 *													34.0
36.0	55.3	105.9	17 100 *	61.6	108.6	23 700 *	65.1	109.7	25 600 *													36.0
38.0	52.7	104.4	16 100 *	59.1	107.4	22 700 *	62.8	108.7	24 500 *													38.0
40.0	50.0	102.8	15 100 *	56.7	106.2	20 900 *	60.4	107.6	23 400 *													40.0
42.0	47.2	101.0	14 100 *	54.1	104.8	19 100 *	58.0	106.4	22 000 *													42.0
44.0	44.3	99.0	13 200 *	51.5	103.2	17 600 *	55.4	105.0	20 000 *													44.0
46.0	41.2	96.8	12 400 *	48.7	101.5	16 200 *	52.9	103.6	18 400 *	59.2	105.8	18 600 *										46.0
48.0	37.8	94.3	11 500 *	45.9	99.7	15 000 *	50.2	102.0	16 900 *	56.7	104.6	17 500 *										48.0
50.0	34.3	91.5	10 800 *	42.9	97.6	13 900 *	47.4	100.2	15 600 *	54.1	103.2	16 500 *										50.0
52.0	30.3	88.3	10 100 *	39.7	95.3	12 900 *	44.4	98.2	14 500 *	51.5	101.6	15 500 *	57.8	103.6	14 400 *							52.0
54.0	25.8	84.5	9 500 *	36.3	92.7	12 000 *	41.4	96.0	13 400 *	48.8	99.9	14 600 *	55.3	102.2	13 600 *							54.0
56.0	20.4	79.7	8 900 *	32.5	89.7	11 200 *	38.1	93.6	12 500 *	45.9	98.1	13 800 *	52.7	100.7	12 800 *							56.0
58.0				28.3	86.3	10 400 *	34.5	90.8	11 600 *	42.9	96.0	13 000 *	50.0	99.1	12 000 *							58.0
60.0				23.5	82.1	9 700 *	30.6	87.6	10 800 *	39.7	93.7	12 300 *	47.2	97.3	11 400 *							60.0
62.0				17.4	76.6	9 100 *	26.1	83.9	10 100 *	36.3	91.1	11 600 *	44.2	95.3	10 700 *	50.9	97.7	9 700 *				62.0
64.0				7.3	67.1	7 900 *	20.8	79.2	9 400 *	32.5	88.1	11 000 *	41.1	93.1	10 200 *	48.2	96.0	9 100 *				64.0
68.0										23.5	80.5	9 800 *	34.2	87.9	9 100 *	42.2	92.0	8 100 *				68.0
72.0													25.7	80.8	8 100 *	35.5	86.9	7 200 *	43.0	90.1	5 600 *	72.0
76.0													12.8	69.1	7 200 *	27.4	80.3	6 400 *	36.4	85.3	4 900 *	76.0
80.0																15.8	70.0	5 700 *	28.6	78.9	4 200 *	80.0
84.0																			17.8	69.3	3 600 *	84.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	75.0	116.8	23 200 *																			19.8
20.0	74.8	116.8	23 100 *																			20.0
22.0	72.7	116.2	22 400 *																			22.0
24.0	70.6	115.5	21 700 *																			24.0
26.0	68.5	114.7	21 000 *																			26.0
28.0	66.4	113.9	20 100 *																			28.0
30.0	64.2	113.0	19 200 *	69.7	114.7	23 900 *																30.0
32.0	62.0	111.9	18 300 *	67.6	113.9	23 500 *																32.0
34.0	59.7	110.8	17 400 *	65.4	113.0	23 100 *																34.0
36.0	57.4	109.5	16 500 *	63.2	112.1	22 500 *	66.5	113.0	23 900 *													36.0
38.0	55.0	108.2	15 600 *	60.9	111.0	21 800 *	64.3	112.1	23 700 *													38.0
40.0	52.5	106.7	14 700 *	58.6	109.8	20 700 *	62.1	111.1	23 100 *													40.0
42.0	49.9	105.1	13 800 *	56.3	108.5	18 900 *	59.8	109.9	21 800 *													42.0
44.0	47.3	103.3	13 000 *	53.9	107.1	17 300 *	57.5	108.7	19 800 *													44.0
46.0	44.5	101.3	12 100 *	51.4	105.5	16 000 *	55.1	107.4	18 100 *	61.0	109.4	18 600 *										46.0
48.0	41.6	99.1	11 400 *	48.8	103.8	14 800 *	52.7	105.9	16 700 *	58.7	108.2	17 400 *										48.0
50.0	38.5	96.7	10 700 *	46.1	102.0	13 700 *	50.1	104.3	15 400 *	56.3	106.9	16 400 *										50.0
52.0	35.2	94.0	10 000 *	43.2	99.9	12 700 *	47.5	102.5	14 200 *	53.9	105.5	15 400 *										52.0
54.0	31.5	90.9	9 400 *	40.2	97.6	11 800 *	44.7	100.5	13 200 *	51.4	103.9	14 500 *										54.0
56.0	27.5	87.3	8 800 *	37.0	95.1	11 000 *	41.8	98.4	12 200 *	48.8	102.2	13 600 *	54.9	104.5	12 600 *							56.0
58.0	22.7	83.0	8 300 *	33.6	92.2	10 200 *	38.7	96.0	11 400 *	46.1	100.4	12 900 *	52.5	103.0	11 900 *							58.0
60.0	16.8	77.3	7 700 *	29.8	88.9	9 500 *	35.4	93.3	10 600 *	43.2	98.3	12 100 *	49.9	101.4	11 200 *							60.0
62.0				25.4	85.1	8 900 *	31.8	90.2	9 900 *	40.2	96.0	11 500 *	47.3	99.6	10 600 *							62.0
64.0				20.2	80.2	8 300 *	27.7	86.7	9 200 *	37.0	93.5	10 800 *	44.5	97.7	10 000 *	50.8	100.0	8 900 *				64.0
68.0							17.2	76.8	8 000 *	29.8	87.4	9 600 *	38.5	93.1	8 900 *	45.5	96.4	7 900 *				68.0
72.0										20.3	78.6	8 300 *	31.5	87.3	7 900 *	39.6	92.0	7 000 *	46.2	94.5	5 300 *	72.0
76.0																			40.4	90.2	4 600 *	76.0
80.0																			33.8	84.8	4 000 *	80.0
84.0																			25.7	77.7	3 400 *	84.0
88.0																			13.7	66.3	2 800 *	88.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
19.8	75.8	120.0	21 500 *																			19.8
20.0	75.6	119.9	21 400 *																			20.0
22.0	73.6	119.4	20 800 *																			22.0
24.0	71.6	118.7	20 200 *																			24.0
26.0	69.7	118.0	19 600 *																			26.0
28.0	67.6	117.2	18 900 *																			28.0
30.0	65.6	116.3	18 100 *																			30.0
32.0	63.5	115.4	17 400 *	68.7	117.2	21 700 *																32.0
34.0	61.4	114.3	16 600 *	66.7	116.4	21 400 *																34.0
36.0	59.2	113.1	15 800 *	64.6	115.5	21 000 *																36.0
38.0	57.0	111.9	15 000 *	62.5	114.5	20 100 *	65.7	115.5	21 800 *													38.0
40.0	54.7	110.5	14 200 *	60.4	113.3	19 100 *	63.6	114.5	21 300 *													40.0
42.0	52.3	109.0	13 400 *	58.2	112.1	18 100 *	61.5	113.5	20 200 *													42.0
44.0	49.9	107.4	12 600 *	55.9	110.8	17 000 *	59.3	112.3	19 000 *													44.0
46.0	47.4	105.6	11 900 *	53.6	109.4	15 700 *	57.1	111.0	17 800 *	62.5	112.8	18 200 *										46.0
48.0	44.8	103.6	11 200 *	51.2	107.8	14 500 *	54.8	109.7	16 400 *	60.4	111.7	17 100 *										48.0
50.0	42.0	101.5	10 500 *	48.8	106.1	13 400 *	52.5	108.2	15 100 *	58.2	110.5	16 000 *										50.0
52.0	39.1	99.1	9 900 *	46.2	104.3	12 400 *	50.1	106.6	14 000 *	55.9	109.2	15 000 *										52.0
54.0	36.0	96.5	9 300 *	43.5	102.2	11 500 *	47.5	104.8	12 900 *	53.6	107.8	14 100 *										54.0
56.0	32.6	93.5	8 700 *	40.7	100.0	10 700 *	44.9	102.8	12 000 *	51.3	106.2	13 300 *										56.0
58.0	28.9	90.1	8 200 *	37.7	97.5	9 900 *	42.2	100.7	11 100 *	48.8	104.5	12 500 *	54.6	106.9	11 500 *							58.0
60.0	24.7	86.1	7 700 *	34.5	94.7	9 200 *	39.3	98.4	10 300 *	46.2	102.7	11 800 *	52.3	105.4	10 800 *							60.0
62.0	19.6	81.0	7 200 *	31.0	91.6	8 600 *	36.2	95.7	9 600 *	43.5	100.6	11 100 *	49.9	103.7	10 200 *							62.0
64.0	12.6	73.9	6 300 *	27.0	87.9	8 000 *	32.8	92.8	9 000 *	40.7	98.4	10 500 *	47.3	101.9	9 600 *							64.0
68.0				16.8	77.8	7 000 *	24.9	85.4	7 800 *	34.5	93.1	9 300 *	42.0	97.8	8 500 *	48.2	100.6	7 500 *				68.0
72.0							13.2	73.6	6 700 *	27.1	86.3	8 100 *	35.9	92.8	7 600 *	43.0	96.6	6 600 *				72.0
76.0										16.8	76.2	7 000 *	28.8	86.4	6 700 *	37.1	91.8	5 800 *	43.7	94.8	4 200 *	76.0
80.0													19.5	85.7	5 900 *	30.2	85.7	5 100 *	37.9	90.1	3 600 *	80.0
84.0														77.3		21.4	77.3	4 400 *	31.2	84.2	3 100 *	84.0
88.0																			22.8	76.2	2 500 *	88.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	65.6	83.3	52 900 *b																			13.7
14.0	64.7	83.2	52 400 *b																			14.0
16.0	58.6	82.0	49 100 *b																			16.0
18.0	51.9	80.6	46 100 *b																			18.0
20.0	44.6	78.7	43 400 *	62.8	82.4	48 700 *b																20.0
22.0	36.1	76.3	40 500 *	56.5	81.2	45 400 *b																22.0
24.0	25.3	72.8	35 700 *	49.7	79.6	42 500 *	60.3	81.4	47 000 *b													24.0
26.0				42.1	77.6	39 700 *	53.8	80.1	43 600 *b													26.0
28.0				33.0	74.9	37 300 *	46.7	78.3	40 600 *													28.0
30.0				20.7	70.7	34 400 *	38.6	76.1	37 600 *	57.9	79.7	36 400 *b										30.0
32.0							28.6	73.0	34 600 *	51.2	78.3	33 600 *b										32.0
34.0										43.8	76.4	31 100 *										34.0
36.0										35.2	73.8	28 900 *										36.0
38.0										23.9	70.2	26 900 *	48.1	75.8	25 800							38.0
40.0										40.2	73.7	24 100 *										40.0
42.0										30.7	70.8	22 600 *										42.0
44.0										16.7	66.0	21 200 *				44.1	72.7	19 600				44.0
46.0																35.5	70.2	18 500				46.0
48.0																24.4	66.6	17 500				48.0
50.0																			38.9	68.7	14 900 *	50.0
52.0																			29.0	65.6	14 000 *	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	68.8	86.6	51 100 *b																			13.7
14.0	68.1	86.5	50 600 *b																			14.0
16.0	62.9	85.6	47 500 *b																			16.0
18.0	57.4	84.4	44 600 *b																			18.0
20.0	51.6	82.9	42 100 *	66.5	85.8	47 100 *b																20.0
22.0	45.2	81.1	39 400 *	61.2	84.7	44 100 *b																22.0
24.0	38.0	78.7	35 700 *	55.6	83.5	41 300 *	64.3	84.9	45 600 *b													24.0
26.0	29.3	75.6	31 900 *	49.6	81.9	38 700 *	59.0	83.8	42 500 *b													26.0
28.0				43.0	79.9	36 400 *	53.2	82.4	39 700 *													28.0
30.0				35.4	77.4	34 200 *	47.0	80.6	37 100 *													30.0
32.0				25.9	73.9	30 900 *	40.1	78.5	34 300 *	56.8	82.1	33 200 *										32.0
34.0							31.9	75.6	31 700 *	50.9	80.6	30 700 *										34.0
36.0							20.9	71.4	29 400 *	44.5	78.7	28 500 *										36.0
38.0										37.2	76.3	26 600 *										38.0
40.0										28.2	73.1	24 900 *	48.2	78.1	23 700 *							40.0
42.0										14.8	67.7	23 200 *	41.4	76.1	22 300 *							42.0
44.0													33.5	73.4	20 900 *							44.0
46.0													23.3	69.5	19 600 *	44.7	75.0	18 200				46.0
48.0																37.4	72.7	17 200				48.0
50.0																28.6	69.5	16 300				50.0
52.0																			40.3	71.1	13 600 *	52.0
54.0																			32.2	68.3	12 800 *	54.0
56.0																			21.4	64.2	12 100 *	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	71.3	89.9	49 200 *b																			13.7
14.0	70.6	89.8	48 800 *b																			14.0
16.0	66.1	89.0	45 900 *b																			16.0
18.0	61.4	87.9	43 300 *																			18.0
20.0	56.5	86.7	40 800 *	69.2	89.1	45 500 *b																20.0
22.0	51.3	85.2	37 800 *	64.6	88.2	42 700 *b																22.0
24.0	45.6	83.4	34 500 *	59.9	87.1	40 100 *																24.0
26.0	39.4	81.1	31 500 *	54.9	85.8	37 700 *	62.7	87.3	41 900 *b													26.0
28.0	32.0	78.3	28 700 *	49.5	84.2	35 500 *	57.9	86.1	39 200 *													28.0
30.0	22.7	74.3	26 100 *	43.7	82.2	33 500 *	52.8	84.7	36 700 *													30.0
32.0				37.1	79.8	31 000 *	47.2	83.0	34 300 *	60.9	85.7	33 100 *										32.0
34.0				29.4	76.7	27 900 *	41.2	80.8	31 700 *	56.0	84.4	30 600 *										34.0
36.0				18.8	72.0	25 300 *	34.2	78.2	29 500 *	50.7	82.9	28 400 *										36.0
38.0							25.6	74.6	26 900 *	45.0	81.0	26 500 *										38.0
40.0										38.6	78.7	24 800 *	53.7	82.1	23 600 *							40.0
42.0										31.2	75.7	23 200 *	48.3	80.4	22 100 *							42.0
44.0										21.5	71.6	21 800 *	42.3	78.4	20 800 *							44.0
46.0													35.5	75.9	19 500 *	50.9	79.2	18 000				46.0
48.0													27.3	72.5	18 400 *	45.2	77.3	17 000				48.0
50.0													15.4	67.1	17 300 *	38.9	75.1	16 100				50.0
52.0																31.5	72.1	15 300	47.4	75.6	13 300 *	52.0
54.0																21.9	68.0	14 400	41.4	73.5	12 600 *	54.0
56.0																			34.4	70.8	11 900 *	56.0
58.0																			25.9	67.3	11 200 *	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	73.2	93.1	47 400 *b																			13.7
14.0	72.7	93.0	47 000 *b																			14.0
16.0	68.7	92.3	44 300 *b																			16.0
18.0	64.5	91.4	41 800 *																			18.0
20.0	60.3	90.3	39 200 *																			20.0
22.0	55.8	89.0	36 200 *	67.3	91.6	41 200 *b																22.0
24.0	51.1	87.5	33 300 *	63.2	90.6	38 900 *																24.0
26.0	46.0	85.7	30 500 *	58.9	89.5	36 600 *	65.7	90.7	40 600 *													26.0
28.0	40.4	83.5	27 900 *	54.3	88.1	34 500 *	61.4	89.7	38 100 *													28.0
30.0	34.1	80.8	25 500 *	49.5	86.5	32 600 *	57.0	88.4	35 800 *													30.0
32.0	26.5	77.3	23 400 *	44.3	84.6	30 800 *	52.4	87.0	33 700 *													32.0
34.0				38.5	82.2	27 900 *	47.4	85.3	31 400 *	59.8	88.0	30 200 *										34.0
36.0				31.8	79.3	25 300 *	42.0	83.2	29 100 *	55.3	86.7	28 000 *										36.0
38.0				23.5	75.4	23 100 *	35.9	80.6	26 800 *	50.6	85.2	26 100 *										38.0
40.0							28.7	77.4	24 400 *	45.4	83.3	24 400 *										40.0
42.0							19.2	72.7	22 400 *	39.8	81.1	22 800 *	53.2	84.4	21 600 *							42.0
44.0										33.4	78.3	21 400 *	48.3	82.7	20 300 *							44.0
46.0										25.5	74.7	20 200 *	43.0	80.7	19 100 *							46.0
48.0										14.0	68.9	18 900 *	37.1	78.3	18 000 *	50.7	81.5	16 600				48.0
50.0													30.2	75.2	17 000 *	45.6	79.6	15 800				50.0
52.0													21.2	70.9	16 000 *	40.0	77.4	14 900 *				52.0
54.0																33.6	74.7	14 100 *				54.0
56.0																25.9	71.1	13 300 *	42.2	75.8	11 500 *	56.0
58.0																			36.2	73.3	10 800 *	58.0
60.0																			29.0	70.1	10 200 *	60.0
62.0																			19.6	65.5	9 600 *	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.8	96.3	44 500 *b																			13.7
14.0	74.3	96.2	44 200 *b																			14.0
16.0	70.7	95.5	42 100 *b																			16.0
18.0	67.0	94.7	39 800 *																			18.0
20.0	63.2	93.8	37 300 *																			20.0
22.0	59.3	92.7	34 600 *	69.5	94.8	39 800 *b																22.0
24.0	55.2	91.3	32 100 *	65.8	94.0	37 600 *																24.0
26.0	50.9	89.8	29 500 *	62.0	93.0	35 600 *																26.0
28.0	46.3	88.0	27 100 *	58.0	91.8	33 600 *	64.3	93.1	37 100 *													28.0
30.0	41.3	85.9	24 900 *	53.8	90.4	31 800 *	60.4	92.0	34 900 *													30.0
32.0	35.7	83.3	22 900 *	49.4	88.8	30 100 *	56.3	90.8	32 900 *													32.0
34.0	29.2	80.0	21 000 *	44.7	86.9	28 400 *	52.1	89.3	31 000 *													34.0
36.0	20.9	75.6	19 400 *	39.6	84.6	25 900 *	47.6	87.6	28 900 *	58.9	90.4	27 700 *										36.0
38.0				33.7	81.9	23 600 *	42.7	85.5	26 900 *	54.8	89.0	25 800 *										38.0
40.0				26.8	78.3	21 700 *	37.3	83.1	25 000 *	50.4	87.5	24 100 *										40.0
42.0				17.5	73.3	20 000 *	31.1	80.1	22 800 *	45.8	85.6	22 500 *										42.0
44.0							23.5	76.1	21 000 *	40.7	83.4	21 200 *	52.9	86.7	20 000 *							44.0
46.0										35.1	80.8	19 900 *	48.4	85.0	18 800 *							46.0
48.0										28.4	77.5	18 700 *	43.6	83.1	17 700 *							48.0
50.0										19.8	72.9	17 700 *	38.3	80.7	16 700 *							50.0
52.0													32.3	77.8	15 700 *	45.9	82.0	14 600 *				52.0
54.0													25.0	74.0	14 900 *	40.9	79.8	13 800 *				54.0
56.0													14.5	68.3	14 000 *	35.3	77.2	13 000 *				56.0
58.0																28.7	73.9	12 300 *	42.9	78.1	10 500 *	58.0
60.0																20.2	69.4	11 600 *	37.5	75.7	9 900 *	60.0
62.0																			31.3	72.7	9 300 *	62.0
64.0																			23.8	68.8	8 800 *	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	73.6	99.0	39 900 *b																			15.2
16.0	72.4	98.8	39 200 *b																			16.0
18.0	69.0	98.0	37 300 *																			18.0
20.0	65.6	97.2	35 300 *																			20.0
22.0	62.1	96.2	33 000 *																			22.0
24.0	58.5	95.0	30 800 *	67.9	97.3	36 700 *																24.0
26.0	54.7	93.7	28 500 *	64.5	96.4	34 700 *																26.0
28.0	50.7	92.1	26 300 *	61.0	95.4	32 900 *	66.6	96.5	35 900 *													28.0
30.0	46.5	90.3	24 300 *	57.3	94.1	31 200 *	63.1	95.5	33 900 *													30.0
32.0	42.0	88.2	22 400 *	53.4	92.7	29 500 *	59.5	94.4	32 100 *													32.0
34.0	37.0	85.7	20 600 *	49.4	91.1	28 000 *	55.7	93.1	30 300 *													34.0
36.0	31.3	82.7	19 000 *	45.1	89.2	26 000 *	51.8	91.6	28 500 *													36.0
38.0	24.4	78.8	17 500 *	40.4	87.0	23 600 *	47.7	89.9	26 500 *	58.1	92.7	25 400 *										38.0
40.0				35.2	84.4	21 600 *	43.2	87.8	24 800 *	54.3	91.3	23 700 *										40.0
42.0				29.3	81.1	19 900 *	38.4	85.5	22 900 *	50.3	89.8	22 200 *										42.0
44.0				21.8	76.8	18 400 *	32.9	82.6	20 900 *	46.0	87.9	20 800 *										44.0
46.0							26.5	79.0	19 300 *	41.5	85.8	19 600 *	52.6	89.0	18 400 *							46.0
48.0							18.0	74.0	17 900 *	36.4	83.3	18 400 *	48.5	87.3	17 300 *							48.0
50.0										30.6	80.2	17 400 *	44.1	85.4	16 300 *							50.0
52.0										23.6	76.2	16 400 *	39.3	83.1	15 400 *	50.4	86.1	14 200 *				52.0
54.0										13.4	70.0	15 400 *	34.0	80.3	14 600 *	46.2	84.3	13 300 *				54.0
56.0													27.7	76.9	13 700 *	41.6	82.1	12 600 *				56.0
58.0													19.8	72.2	13 000 *	36.6	79.6	11 900 *	47.8	82.5	10 000 *	58.0
60.0																30.9	76.6	11 300 *	43.4	80.5	9 500 *	60.0
62.0																23.9	72.6	10 700 *	38.6	78.1	8 900 *	62.0
64.0																13.9	66.5	10 100 *	33.1	75.3	8 400 *	64.0
68.0																			18.3	66.8	7 500 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.9	102.2	37 100 *b																			15.2
16.0	73.8	102.0	36 600 *b																			16.0
18.0	70.7	101.3	35 000 *																			18.0
20.0	67.6	100.5	33 300 *																			20.0
22.0	64.4	99.6	31 400 *																			22.0
24.0	61.2	98.6	29 500 *																			24.0
26.0	57.8	97.3	27 500 *	66.6	99.8	33 600 *																26.0
28.0	54.3	96.0	25 500 *	63.4	98.8	32 000 *																28.0
30.0	50.6	94.4	23 700 *	60.1	97.7	30 300 *	65.3	98.9	33 000 *													30.0
32.0	46.7	92.6	21 900 *	56.7	96.5	28 800 *	62.1	97.9	31 300 *													32.0
34.0	42.5	90.5	20 200 *	53.1	95.0	27 400 *	58.7	96.7	29 600 *													34.0
36.0	38.0	88.1	18 600 *	49.4	93.4	25 800 *	55.2	95.4	28 100 *													36.0
38.0	33.0	85.3	17 300 *	45.4	91.5	23 600 *	51.6	93.9	26 400 *													38.0
40.0	27.1	81.7	16 000 *	41.1	89.3	21 600 *	47.8	92.2	24 600 *	57.4	95.1	23 500 *										40.0
42.0	19.6	77.0	14 800 *	36.5	86.8	19 800 *	43.7	90.2	22 800 *	53.9	93.7	22 000 *										42.0
44.0				31.2	83.8	18 300 *	39.3	87.9	20 900 *	50.2	92.1	20 700 *										44.0
46.0				24.9	79.9	17 000 *	34.4	85.1	19 200 *	46.3	90.2	19 400 *	55.9	92.8	18 200 *							46.0
48.0				16.5	74.5	15 700 *	28.8	81.8	17 800 *	42.1	88.1	18 300 *	52.3	91.3	17 100 *							48.0
50.0							21.9	77.5	16 500 *	37.5	85.7	17 200 *	48.5	89.6	16 100 *							50.0
52.0										32.4	82.8	16 300 *	44.5	87.7	15 200 *							52.0
54.0										26.4	79.1	15 400 *	40.1	85.5	14 400 *	50.3	88.4	13 200 *				54.0
56.0										18.6	74.2	14 500 *	35.3	82.8	13 600 *	46.4	86.6	12 500 *				56.0
58.0													29.9	79.6	12 900 *	42.2	84.5	11 800 *				58.0
60.0													23.3	75.5	12 200 *	37.7	82.1	11 200 *				60.0
62.0													13.9	69.4	11 500 *	32.6	79.1	10 600 *	43.9	82.8	8 800 *	62.0
64.0																26.6	75.5	10 000 *	39.5	80.5	8 300 *	64.0
68.0																			29.0	74.5	7 400 *	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	76.0	105.3	34 400 *b																			15.2
16.0	74.9	105.1	34 000 *b																			16.0
18.0	72.1	104.5	32 700 *																			18.0
20.0	69.3	103.8	31 300 *																			20.0
22.0	66.4	103.0	29 700 *																			22.0
24.0	63.4	102.0	28 000 *																			24.0
26.0	60.3	100.9	26 300 *	68.4	103.1	32 400 *																26.0
28.0	57.2	99.7	24 600 *	65.4	102.2	30 800 *																28.0
30.0	53.9	98.3	22 900 *	62.4	101.2	29 300 *																30.0
32.0	50.5	96.7	21 300 *	59.3	100.1	27 900 *	64.2	101.3	30 700 *													32.0
34.0	46.9	94.9	19 700 *	56.1	98.8	26 600 *	61.2	100.3	29 100 *													34.0
36.0	43.0	92.9	18 300 *	52.8	97.3	25 300 *	58.1	99.1	27 600 *													36.0
38.0	38.9	90.5	16 900 *	49.3	95.7	23 400 *	54.8	97.7	26 200 *													38.0
40.0	34.3	87.8	15 700 *	45.7	93.8	21 400 *	51.4	96.2	24 500 *	60.0	98.6	23 300 *										40.0
42.0	29.1	84.5	14 500 *	41.7	91.7	19 600 *	47.9	94.5	22 600 *	56.8	97.4	21 800 *										42.0
44.0	22.9	80.3	13 600 *	37.5	89.2	18 100 *	44.1	92.5	20 700 *	53.5	96.0	20 400 *										44.0
46.0				32.7	86.3	16 800 *	40.1	90.2	19 000 *	50.1	94.4	19 200 *										46.0
48.0				27.3	82.8	15 600 *	35.6	87.6	17 600 *	46.5	92.6	18 000 *	55.4	95.1	16 800 *							48.0
50.0				20.5	78.2	14 500 *	30.6	84.5	16 300 *	42.6	90.5	17 000 *	52.0	93.6	15 900 *							50.0
52.0							24.8	80.6	15 100 *	38.4	88.1	16 100 *	48.5	91.9	15 000 *							52.0
54.0							17.0	75.2	14 100 *	33.8	85.3	15 200 *	44.8	90.0	14 100 *							54.0
56.0										28.6	81.9	14 300 *	40.8	87.8	13 300 *	50.2	90.7	12 100 *				56.0
58.0										22.2	77.6	13 500 *	36.5	85.3	12 600 *	46.6	88.9	11 400 *				58.0
60.0										13.0	71.1	12 800 *	31.6	82.3	11 900 *	42.8	86.8	10 800 *				60.0
62.0													25.9	78.5	11 300 *	38.6	84.4	10 200 *				62.0
64.0													18.7	73.5	10 700 *	34.0	81.7	9 700 *	44.2	85.1	7 900 *	64.0
68.0																22.4	74.0	8 700 *	35.8	80.3	7 100 *	68.0
72.0																			25.0	73.3	6 200 *	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.0	108.1	31 200 *																			16.8
18.0	73.4	107.7	30 500 *																			18.0
20.0	70.7	107.1	29 400 *																			20.0
22.0	68.0	106.3	28 000 *																			22.0
24.0	65.3	105.4	26 600 *																			24.0
26.0	62.5	104.4	25 100 *	69.9	106.4	31 200 *																26.0
28.0	59.6	103.3	23 600 *	67.2	105.6	29 800 *																28.0
30.0	56.7	102.0	22 100 *	64.4	104.6	28 400 *																30.0
32.0	53.6	100.6	20 600 *	61.6	103.6	27 100 *	66.1	104.7	29 700 *													32.0
34.0	50.4	99.0	19 200 *	58.7	102.4	25 800 *	63.3	103.7	28 300 *													34.0
36.0	47.0	97.2	17 900 *	55.7	101.1	24 700 *	60.4	102.6	26 900 *													36.0
38.0	43.5	95.2	16 600 *	52.6	99.6	23 500 *	57.5	101.4	25 600 *													38.0
40.0	39.6	92.9	15 400 *	49.3	98.0	21 500 *	54.4	100.0	24 300 *	62.2	102.1	23 000 *										40.0
42.0	35.5	90.2	14 400 *	45.9	96.1	19 800 *	51.3	98.5	22 600 *	59.3	101.0	21 500 *										42.0
44.0	30.8	87.1	13 300 *	42.3	94.0	18 200 *	48.0	96.8	20 800 *	56.3	99.7	20 100 *										44.0
46.0	25.4	83.3	12 400 *	38.3	91.6	16 900 *	44.4	94.8	19 100 *	53.2	98.3	18 900 *										46.0
48.0	18.6	78.2	11 600 *	34.0	88.8	15 700 *	40.7	92.6	17 700 *	50.0	96.7	17 700 *										48.0
50.0				29.2	85.5	14 600 *	36.7	90.1	16 400 *	46.6	94.9	16 700 *	55.0	97.5	15 500 *							50.0
52.0				23.4	81.4	13 600 *	32.2	87.1	15 200 *	43.1	92.8	15 700 *	51.8	95.9	14 600 *							52.0
54.0				15.8	75.6	12 600 *	27.0	83.5	14 200 *	39.2	90.5	14 900 *	48.6	94.2	13 800 *							54.0
56.0							20.7	78.9	13 200 *	35.0	87.8	14 000 *	45.1	92.3	13 000 *							56.0
58.0										30.3	84.6	13 300 *	41.4	90.2	12 300 *	50.2	93.0	11 100 *				58.0
60.0										24.8	80.7	12 600 *	37.4	87.7	11 600 *	46.8	91.2	10 500 *				60.0
62.0										17.7	75.4	11 900 *	33.0	84.8	11 000 *	43.2	89.1	9 900 *				62.0
64.0										3.2	64.0	11 200 *	28.0	81.3	10 400 *	39.4	86.8	9 300 *				64.0
68.0													13.5	70.5	9 300 *	30.5	81.0	8 300 *	40.8	85.2	6 700 *	68.0
72.0																18.0	71.9	7 400 *	32.3	79.7	5 900 *	72.0
76.0																			20.9	71.6	5 200 *	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.9	111.2	28 900 *																			16.8
18.0	74.4	110.9	28 400 *																			18.0
20.0	72.0	110.3	27 400 *																			20.0
22.0	69.5	109.6	26 300 *																			22.0
24.0	66.9	108.8	25 100 *																			24.0
26.0	64.4	107.8	23 800 *																			26.0
28.0	61.7	106.8	22 600 *	68.7	108.9	28 600 *																28.0
30.0	59.0	105.6	21 300 *	66.1	108.0	27 400 *																30.0
32.0	56.2	104.3	20 000 *	63.5	107.0	26 200 *	67.6	108.0	28 600 *													32.0
34.0	53.3	102.9	18 700 *	60.8	106.0	25 000 *	65.1	107.1	27 300 *													34.0
36.0	50.3	101.3	17 400 *	58.1	104.8	23 900 *	62.4	106.1	26 100 *													36.0
38.0	47.1	99.5	16 200 *	55.3	103.4	22 800 *	59.7	105.0	24 800 *													38.0
40.0	43.8	97.5	15 200 *	52.3	101.9	21 300 *	57.0	103.7	23 700 *													40.0
42.0	40.3	95.3	14 100 *	49.3	100.3	19 500 *	54.1	102.4	22 300 *	61.4	104.5	21 100 *										42.0
44.0	36.5	92.7	13 100 *	46.1	98.4	18 000 *	51.1	100.8	20 600 *	58.7	103.3	19 700 *										44.0
46.0	32.2	89.7	12 300 *	42.7	96.4	16 600 *	48.0	99.1	18 900 *	55.9	102.0	18 500 *										46.0
48.0	27.4	86.2	11 400 *	39.1	94.0	15 400 *	44.7	97.1	17 500 *	53.0	100.6	17 400 *										48.0
50.0	21.7	81.7	10 700 *	35.1	91.3	14 300 *	41.3	95.0	16 100 *	50.0	99.0	16 300 *										50.0
52.0				30.8	88.2	13 300 *	37.5	92.5	15 000 *	46.8	97.2	15 400 *	54.6	99.8	14 200 *							52.0
54.0				25.7	84.4	12 400 *	33.4	89.6	13 900 *	43.5	95.1	14 500 *	51.7	98.2	13 400 *							54.0
56.0				19.5	79.5	11 600 *	28.8	86.2	13 000 *	39.9	92.9	13 700 *	48.6	96.5	12 600 *							56.0
58.0							23.4	82.1	12 100 *	36.0	90.2	12 900 *	45.4	94.6	11 900 *							58.0
60.0							16.3	76.4	11 300 *	31.8	87.2	12 200 *	41.9	92.5	11 200 *	50.1	95.3	10 100 *				60.0
62.0										26.9	83.6	11 600 *	38.2	90.1	10 700 *	46.9	93.5	9 500 *				62.0
64.0										21.0	79.0	10 900 *	34.2	87.3	10 100 *	43.6	91.5	9 000 *				64.0
68.0													24.5	80.1	9 000 *	36.2	86.6	8 000 *	44.9	89.7	6 300 *	68.0
72.0																27.1	80.0	7 100 *	37.7	85.1	5 500 *	72.0
76.0																13.0	68.8	6 300 *	29.0	78.9	4 800 *	76.0
80.0																			16.6	69.2	4 200 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 112 810 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
18.3	75.0	114.0	26 300 *																			18.3
20.0	73.1	113.5	25 500 *																			20.0
22.0	70.7	112.8	24 600 *																			22.0
24.0	68.4	112.1	23 600 *																			24.0
26.0	66.0	111.2	22 600 *																			26.0
28.0	63.5	110.2	21 500 *	70.0	112.1	27 000 *																28.0
30.0	61.0	109.2	20 400 *	67.6	111.3	26 600 *																30.0
32.0	58.4	108.0	19 200 *	65.2	110.4	25 600 *																32.0
34.0	55.8	106.7	18 100 *	62.7	109.4	24 500 *	66.6	110.5	26 400 *													34.0
36.0	53.1	105.2	17 000 *	60.2	108.3	23 500 *	64.2	109.6	25 300 *													36.0
38.0	50.2	103.6	15 900 *	57.6	107.1	22 500 *	61.7	108.5	24 200 *													38.0
40.0	47.3	101.8	14 900 *	54.9	105.8	21 400 *	59.1	107.4	23 100 *													40.0
42.0	44.1	99.8	13 900 *	52.2	104.3	19 700 *	56.5	106.1	22 000 *													42.0
44.0	40.8	97.6	13 000 *	49.3	102.6	18 100 *	53.8	104.7	20 700 *	60.7	106.9	19 500 *										44.0
46.0	37.3	95.1	12 100 *	46.3	100.7	16 700 *	51.0	103.1	19 000 *	58.2	105.7	18 300 *										46.0
48.0	33.4	92.3	11 300 *	43.1	98.7	15 500 *	48.1	101.4	17 500 *	55.5	104.4	17 200 *										48.0
50.0	29.1	88.9	10 600 *	39.7	96.4	14 300 *	45.0	99.4	16 200 *	52.8	102.9	16 200 *										50.0
52.0	24.1	84.8	9 900 *	36.1	93.8	13 300 *	41.8	97.3	15 000 *	49.9	101.3	15 200 *	57.0	103.5	14 000 *							52.0
54.0	17.8	79.5	9 300 *	32.1	90.8	12 400 *	38.3	94.9	13 900 *	46.9	99.5	14 300 *	54.3	102.1	13 200 *							54.0
56.0				27.6	87.2	11 600 *	34.5	92.1	13 000 *	43.8	97.5	13 500 *	51.5	100.5	12 400 *							56.0
58.0				22.3	82.8	10 800 *	30.3	88.9	12 100 *	40.5	95.2	12 800 *	48.6	98.8	11 800 *							58.0
60.0				15.2	76.8	10 000 *	25.6	85.1	11 300 *	36.9	92.7	12 100 *	45.6	97.0	11 100 *							60.0
62.0							19.7	80.2	10 500 *	33.0	89.8	11 400 *	42.4	94.9	10 500 *	50.0	97.6	9 300 *				62.0
64.0							11.2	72.7	9 800 *	28.6	86.4	10 800 *	38.9	92.5	9 900 *	47.0	95.8	8 800 *				64.0
68.0										17.0	76.6	9 700 *	31.1	86.7	8 800 *	40.6	91.6	7 800 *				68.0
72.0													20.9	78.3	7 900 *	33.1	86.1	6 900 *	41.9	89.9	5 400 *	72.0
76.0																23.7	78.6	6 200 *	34.7	84.8	4 700 *	76.0
80.0																			25.7	77.8	4 100 *	80.0