

Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 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 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**.

Designed And Tested
With The Intent To Be In
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M-250 SERIES 2

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, 93 890 kg crane counterweight and two 13 610 kg carbody counterweights.

Consult chart **No. 7639-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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M-250 SERIES 2

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	54 300 *	59.6	44.8	59 200 b										20.0
22.0	29.6	37.7	36 800 *	40.2	40.7	42 300 *	45.4	42.0	46 400 *	53.1	43.4	52 400										22.0
24.0	14.7	32.5	31 100 *	30.6	37.8	37 200 *	37.1	39.6	40 400 *	45.9	41.6	46 700	53.3	42.7	45 900							24.0
26.0							26.5	36.2	35 700 *	37.6	39.3	40 800 *	46.2	41.0	41 500							26.0
28.0										27.3	36.0	36 000 *	38.0	38.7	37 800	46.2	40.1	36 800				28.0
30.0													27.8	35.5	34 700	38.0	37.8	33 800				30.0
32.0													10.3	29.3	31 900	27.8	34.6	31 100	37.7	36.7	30 300	32.0
34.0																			27.3	33.4	28 100	34.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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M-250 SERIES 2

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	54 600 *													20.0
22.0	40.7	43.1	37 000 *	48.2	45.2	42 500 *	52.2	46.1	46 700 *	58.3	47.1	52 300										22.0
24.0	32.7	40.3	32 900 *	41.4	43.1	37 400 *	45.9	44.3	40 600 *	52.6	45.7	46 800										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	41 000 *	52.8	45.0	41 200							26.0
28.0				23.2	36.5	29 800 *	30.2	39.0	32 000 *	39.2	41.7	36 100 *	46.5	43.3	37 600							28.0
30.0							18.4	34.4	28 800 *	30.8	38.7	32 300 *	39.5	41.1	34 500	46.5	42.4	33 600				30.0
32.0										19.3	34.3	29 000 *	31.2	38.2	31 800	39.5	40.2	31 000	46.3	41.3	30 100	32.0
34.0													19.9	33.8	29 200 *	31.2	37.3	28 700	39.2	39.1	27 900	34.0
36.0																19.9	32.9	26 600	30.9	36.1	26 000	36.0
38.0																			19.4	31.7	24 200	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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M-250 SERIES 2

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	54 900 *													20.0
22.0	47.7	47.5	37 100 *	53.7	49.1	42 700 *	57.0	49.9	46 800 *													22.0
24.0	41.7	45.4	33 000 *	48.2	47.5	37 500 *	51.8	48.4	40 700 *	57.3	49.4	46 700										24.0
26.0	34.8	42.8	29 700 *	42.3	45.4	33 300 *	46.2	46.6	35 900 *	52.2	48.0	41 100 *	57.5	48.8	41 100							26.0
28.0	26.4	39.3	26 800 *	35.5	42.9	29 900 *	40.0	44.4	32 100 *	46.6	46.2	36 200 *	52.4	47.3	37 400							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	32 300 *	46.8	45.6	34 300							30.0
32.0				15.3	34.1	24 600 *	23.8	37.8	26 200 *	33.3	41.3	29 100 *	40.7	43.4	31 700	46.8	44.7	30 800				32.0
34.0										24.4	37.5	26 300 *	33.6	40.7	29 300	40.7	42.6	28 500	46.6	43.6	27 800	34.0
36.0													24.8	37.0	26 500 *	33.6	39.9	26 500	40.4	41.4	25 800	36.0
38.0													10.3	30.4	24 100 *	24.9	36.2	24 800	33.3	38.7	24 100	38.0
40.0																			24.5	35.0	22 500	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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M-250 SERIES 2

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	46 900 *													22.0
24.0	47.9	49.8	32 900 *	53.2	51.5	37 500 *	56.2	52.2	40 700 *													24.0
26.0	42.5	47.8	29 600 *	48.3	49.8	33 300 *	51.5	50.7	35 900 *	56.5	51.8	41 100 *										26.0
28.0	36.5	45.3	26 700 *	43.0	47.8	29 900 *	46.5	48.9	32 000 *	51.9	50.3	36 200 *	56.7	51.1	37 300							28.0
30.0	29.4	42.1	24 300 *	37.1	45.3	27 000 *	41.0	46.8	28 800 *	46.8	48.5	32 300 *	52.0	49.6	34 100							30.0
32.0	20.2	37.6	22 300 *	30.1	42.2	24 500 *	34.8	44.1	26 100 *	41.4	46.4	29 000 *	47.0	47.9	31 500	52.0	48.8	30 600				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	29 100	47.1	47.0	28 300				34.0
36.0							17.0	35.6	21 800 *	27.8	40.4	23 900 *	35.4	43.2	26 400 *	41.6	44.9	26 300				36.0
38.0										17.8	35.5	21 900 *	28.1	39.9	24 100 *	35.5	42.3	24 600				38.0
40.0													18.3	35.1	22 000 *	28.2	39.0	23 000	41.4	43.8	23 900	40.0
42.0																18.3	34.2	21 600	35.2	41.2	22 400	42.0
44.0																			27.9	37.8	21 000	44.0
																			17.9	32.9	19 700	



Liftcrane Luffing Jib Capacities

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 93 890 kg Crane Counterweight
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M-250 SERIES 2

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	41 900 *													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	41 800										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	37 200 *										28.0
30.0	37.8	47.7	25 000 *	43.6	50.1	27 700 *	46.7	51.2	29 500 *	51.6	52.6	33 100 *										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	31 300							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	26 900 *	47.2	50.2	29 000	51.8	51.1	28 100				34.0
36.0	13.2	34.7	18 000 *	25.0	41.1	21 200 *	29.9	43.4	22 300 *	36.6	46.2	24 500 *	42.3	48.1	26 900	47.2	49.3	26 100				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	24 400				38.0
40.0										22.4	39.0	20 700 *	30.6	42.6	22 600 *	36.9	44.8	22 800	42.1	46.1	22 100	40.0
42.0													22.8	38.5	20 700 *	30.6	41.7	21 400	36.7	43.6	20 800	42.0
44.0													10.3	31.4	19 100 *	22.8	37.6	20 100	30.4	40.5	19 500	44.0
46.0																			22.5	36.4	18 400	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
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M-250 SERIES 2

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	47 700 *													22.0
24.0	56.1	57.6	33 600 *	60.1	58.8	38 400 *	62.5	59.3	41 800 *													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	41 600										26.0
28.0	48.1	54.4	27 300 *	52.5	56.1	30 500 *	55.1	56.8	32 700 *	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	32 900 *										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	31 000							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	28 700							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	24 300 *	47.4	52.5	26 700							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	24 200				38.0
40.0				19.7	39.3	17 900 *	25.2	42.3	18 800 *	32.3	45.7	20 500 *	38.0	48.1	22 400 *	42.9	49.6	22 600	47.2	50.5	21 900	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	21 200	42.7	48.5	20 600	42.0
44.0										16.7	36.7	17 500 *	25.9	41.5	19 000 *	32.5	44.3	19 900	37.8	46.1	19 300	44.0
46.0													17.2	36.3	17 600 *	26.0	40.7	18 800	32.3	43.2	18 200	46.0
48.0																17.2	35.4	17 600 *	25.7	39.4	17 200	48.0
50.0																			16.8	34.1	16 200	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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M-250 SERIES 2

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	36 700 *													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	29 300 *	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	26 500 *	54.8	58.7	29 500 *										32.0
34.0	39.7	52.5	20 700 *	44.5	54.7	22 800 *	47.1	55.8	24 100 *	51.2	57.2	26 700 *	55.0	58.1	28 700							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	26 600							36.0
38.0	29.3	46.5	17 700 *	35.3	49.9	19 300 *	38.5	51.4	20 300 *	43.2	53.4	22 200 *	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	20 400 *	43.4	52.8	22 300 *	47.5	53.9	22 500				40.0
42.0	12.7	35.8	14 300 *	23.3	42.6	16 500 *	27.7	45.1	17 300 *	33.8	48.3	18 800 *	39.0	50.5	20 500 *	43.4	51.9	21 100				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	18 900 *	39.0	49.6	19 800	43.2	50.8	19 300	44.0
46.0										21.0	40.4	16 200 *	28.3	44.3	17 500 *	34.0	46.8	18 700	38.8	48.5	18 100	46.0
48.0													21.3	39.9	16 300 *	28.4	43.5	17 600 *	33.8	45.7	17 100	48.0
50.0													10.2	32.5	15 100 *	21.3	39.0	16 300 *	28.1	42.3	16 200	50.0
52.0																			21.0	37.8	15 300	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	26 400 *	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	24 200 *	54.6	60.4	26 400							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	20 300 *	47.6	57.1	22 200 *	51.2	58.0	22 300				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	20 900				42.0
44.0	17.9	40.2	14 100 *	25.9	45.6	15 200 *	29.7	47.9	15 900 *	35.1	50.8	17 300 *	39.7	52.8	18 800 *	43.8	54.3	19 700				44.0
46.0				18.6	40.5	14 100 *	23.6	43.8	14 800 *	30.0	47.6	16 100 *	35.3	50.2	17 400 *	39.8	52.0	18 500	43.7	53.1	17 900	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	16 900	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	15 900	50.0
52.0													16.3	37.5	13 900 *	24.3	42.2	15 000 *	30.1	45.0	15 100	52.0
54.0																16.4	36.6	13 900 *	24.0	41.0	14 300	54.0
56.0																			16.0	35.3	13 600	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	24 300 *	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	22 200 *	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	22 300 *	54.2	62.7	24 400							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	18 800 *	47.7	59.4	20 500 *	51.0	60.3	20 700				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	19 400				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	18 300				46.0
48.0	12.4	36.9	10 900 *	21.9	44.0	13 100 *	26.0	46.7	13 800 *	31.6	50.2	14 900 *	36.3	52.6	16 100 *	40.4	54.3	17 300	44.1	55.5	16 700	48.0
50.0				13.4	37.5	12 000 *	19.4	41.8	12 800 *	26.4	46.5	13 800 *	31.8	49.6	14 900 *	36.4	51.8	16 100 *	40.3	53.2	15 800	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	14 900	52.0
54.0													20.1	41.2	12 900 *	26.6	45.1	13 900 *	31.6	47.6	14 100	54.0
56.0													10.2	33.6	11 900 *	20.2	40.4	12 800 *	26.4	43.9	13 400	56.0
58.0																			19.9	39.1	12 700	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	36 900 *													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	26 400 *	62.1	69.5	29 500 *										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	20 100 *	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	18 500 *	50.8	64.1	20 200 *	53.9	65.0	22 200 *							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	20 300 *							42.0
44.0	33.8	54.3	13 800 *	38.2	57.1	15 000 *	40.6	58.5	15 800 *	44.4	60.4	17 100 *	47.8	61.7	18 600 *	50.9	62.6	19 200				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	17 200 *	47.8	60.8	18 100				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	14 700 *	41.0	57.6	15 900 *	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	15 900 *	44.4	57.8	15 500	50.0
52.0				17.8	41.8	11 200 *	22.3	45.2	11 700 *	28.3	49.3	12 700 *	33.1	52.2	13 600 *	37.3	54.2	14 700 *	40.9	55.6	14 700	52.0
54.0							14.7	39.1	10 900 *	22.7	45.0	11 800 *	28.5	48.8	12 700 *	33.1	51.3	13 600 *	37.1	53.1	13 900	54.0
56.0										15.3	39.1	11 000 *	22.9	44.5	11 800 *	28.5	47.9	12 700 *	33.0	50.2	13 200	56.0
58.0													15.7	38.6	11 000 *	23.0	43.7	11 800 *	28.3	46.7	12 500	58.0
60.0																15.7	37.8	11 000 *	22.7	42.4	11 800 *	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
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	26 600 *													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	22 000 *	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	20 100 *	56.2	69.4	22 100 *										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	22 200 *							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	18 600 *	53.6	67.3	20 300 *							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	17 100 *	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	15 800 *	47.9	64.0	17 100 *	50.8	64.9	18 000				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	16 900				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	13 600 *	41.5	59.9	14 700 *	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	11 700 *	34.1	55.3	12 600 *	38.0	57.5	13 600 *	41.5	59.0	14 600 *	44.7	60.1	14 600	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	13 600 *	41.4	57.9	13 800	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	13 100	56.0
58.0										18.9	43.0	10 200 *	25.2	47.5	10 900 *	30.0	50.6	11 800 *	34.1	52.7	12 400	58.0
60.0													19.2	42.5	10 200 *	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	10 200 *	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
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	26 300 *													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	19 900 *	58.3	73.0	21 900 *										38.0
40.0	48.4	68.2	15 800 *	51.4	69.9	17 300 *	53.1	70.7	18 300 *	55.8	71.7	20 000 *										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	20 100 *							42.0
44.0	42.5	64.2	13 600 *	45.8	66.3	14 700 *	47.6	67.3	15 500 *	50.6	68.7	16 900 *	53.4	69.6	18 400 *							44.0
46.0	39.2	61.9	12 600 *	42.7	64.2	13 600 *	44.7	65.4	14 400 *	47.8	66.9	15 600 *	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	16 700				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	13 400 *	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	11 500 *	38.6	60.5	12 400 *	42.0	62.2	13 400 *	45.0	63.5	14 500 *				52.0
54.0	22.8	48.4	9 400 *	28.1	52.8	10 200 *	30.9	54.9	10 700 *	35.1	57.7	11 500 *	38.7	59.9	12 400 *	42.0	61.4	13 400 *	44.9	62.4	13 600	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	12 900	56.0
58.0				17.1	43.0	8 800 *	21.3	46.6	9 200 *	26.8	51.0	10 000 *	31.3	54.1	10 800 *	35.2	56.3	11 500 *	38.6	57.9	12 200	58.0
60.0							14.3	40.2	8 600 *	21.7	46.4	9 300 *	27.0	50.4	10 000 *	31.4	53.2	10 800 *	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	8 700 *	21.9	45.1	9 300 *	26.8	48.4	10 000 *	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
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	19 800 *										40.0
42.0	48.4	70.5	14 400 *	51.2	72.2	15 700 *	52.9	73.0	16 600 *	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	15 400 *	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	13 100 *	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	13 200 *	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	11 300 *	42.2	65.2	12 200 *	45.2	66.7	13 200 *	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	10 500 *	39.2	62.8	11 300 *	42.4	64.6	12 200 *	45.2	65.8	13 200 *				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	11 400 *	42.4	63.7	12 200 *	45.1	64.7	12 700	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	12 000	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	8 500 *	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
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	16 500 *							46.0
48.0	43.2	68.9	11 300 *	46.1	70.9	12 200 *	47.8	71.9	12 900 *	50.4	73.3	14 000 *	52.9	74.3	15 200 *							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	12 000 *	48.0	70.9	13 000 *	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	10 300 *	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	8 900 *	36.7	62.6	9 600 *	39.8	64.6	10 300 *	42.7	66.1	11 100 *	45.3	67.0	11 800 *	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	11 100 *	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	8 300 *	33.5	59.2	8 900 *	36.8	61.2	9 600 *	39.7	62.6	10 300 *	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	9 600 *	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
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	56 800 *	62.0	48.2	58 700 b										20.0
22.0	30.2	40.9	37 100 *	41.7	44.2	43 400 *	47.4	45.5	48 300 *	55.7	46.9	52 000 b										22.0
24.0	15.9	36.0	32 600 *	32.6	41.5	38 100 *	39.4	43.3	41 900 *	48.8	45.3	46 600										24.0
26.0							29.7	40.3	36 800 *	41.0	43.2	42 100	50.0	44.8	40 900							26.0
28.0										31.8	40.4	37 900 *	42.4	42.8	37 300	50.9	44.1	36 200				28.0
30.0										18.6	35.9	33 500 *	33.4	40.2	34 200	43.4	42.1	33 200				30.0
32.0													21.3	36.1	31 500	34.7	39.6	30 600	44.1	41.1	29 700	32.0
34.0																23.2	35.8	28 300	35.5	38.6	27 500	34.0
36.0																			24.3	35.0	25 600	36.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	57 200 *													20.0
22.0	41.1	46.3	37 200 *	49.3	48.5	43 700 *	53.8	49.5	48 500 *	60.5	50.5	51 800 b										22.0
24.0	33.1	43.5	33 100 *	42.7	46.5	38 300 *	47.6	47.8	42 100 *	54.9	49.2	46 400										24.0
26.0	22.8	39.6	29 700 *	35.0	44.0	34 000 *	40.7	45.7	37 000 *	48.8	47.6	41 900	55.8	48.7	40 700							26.0
28.0				25.4	40.4	30 400 *	32.7	42.9	32 900 *	42.1	45.6	38 000	49.9	47.1	37 100							28.0
30.0							22.1	38.9	29 600 *	34.4	42.9	33 700 *	43.3	45.2	34 000							30.0
32.0										24.5	39.3	30 200 *	35.7	42.6	31 400	44.2	44.5	30 400				32.0
34.0													26.4	39.2	29 000	36.8	42.0	28 200	44.7	43.5	27 300	34.0
36.0																27.7	38.7	26 200	37.4	41.1	25 400	36.0
38.0																13.9	33.2	24 400	28.5	37.9	23 700	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	57 500 *													20.0
22.0	48.0	50.7	37 300 *	54.7	52.4	43 800 *	58.3	53.2	48 700 *													22.0
24.0	42.1	48.6	33 200 *	49.3	50.8	38 400 *	53.2	51.8	42 200 *	59.3	52.9	46 300										24.0
26.0	35.2	46.0	29 800 *	43.4	48.9	34 100 *	47.7	50.1	37 100 *	54.2	51.5	41 800										26.0
28.0	27.0	42.6	27 000 *	36.8	46.4	30 500 *	41.7	48.0	33 000 *	48.8	49.9	37 900	55.1	51.0	36 900							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	33 800 *	49.8	49.4	33 800							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	31 200	50.5	48.7	30 200				32.0
34.0										28.3	42.1	27 400 *	37.4	45.1	28 900	44.7	46.8	28 000				34.0
36.0										17.0	37.1	24 900 *	29.7	42.0	26 900	38.3	44.5	26 000	45.2	45.8	25 200	36.0
38.0													19.3	37.4	25 100	30.8	41.5	24 300	38.9	43.5	23 500	38.0
40.0																20.9	37.2	22 800	31.4	40.6	22 000	40.0
42.0																			21.8	36.4	20 700	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	48 900 *													22.0
24.0	48.1	53.0	33 100 *	54.1	54.8	38 400 *	57.4	55.5	42 200 *													24.0
26.0	42.8	50.9	29 700 *	49.3	53.1	34 000 *	52.8	54.1	37 100 *	58.3	55.2	41 600										26.0
28.0	36.8	48.5	26 900 *	44.0	51.2	30 400 *	47.9	52.4	33 000 *	53.7	53.8	37 800										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	33 700							30.0
32.0	20.8	41.0	22 400 *	31.5	45.9	25 000 *	36.5	47.9	26 800 *	43.6	50.2	30 200 *	49.7	51.7	31 000							32.0
34.0				23.1	41.9	22 800 *	29.4	44.7	24 400 *	37.7	47.8	27 300 *	44.5	49.8	28 700	50.3	51.0	27 800				34.0
36.0							20.2	40.2	22 300 *	30.9	44.8	24 800 *	38.7	47.5	26 700	45.2	49.1	25 800				36.0
38.0										22.3	40.7	22 700 *	32.1	44.6	24 900	39.5	46.8	24 100				38.0
40.0													23.9	40.7	23 100 *	33.0	44.0	22 600	40.0	45.9	21 800	40.0
42.0																25.1	40.3	21 200	33.6	43.1	20 500	42.0
44.0																13.2	34.3	19 900	25.8	39.5	19 200	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	38 100 *	61.5	58.8	41 400										26.0
28.0	43.4	53.3	27 600 *	49.2	55.4	31 300 *	52.5	56.4	33 800 *	57.5	57.6	37 700										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	34 500										30.0
32.0	32.0	48.0	23 000 *	39.3	51.2	25 600 *	43.1	52.7	27 400 *	48.9	54.5	31 000 *	54.0	55.6	30 800							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	28 500							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	26 500	50.2	53.3	25 600				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	24 800	45.5	51.4	23 900				38.0
40.0										25.8	43.8	21 400 *	34.0	47.1	23 200	40.5	49.2	22 400	45.9	50.4	21 600	40.0
42.0										15.9	38.3	19 700 *	27.1	43.7	21 600	34.8	46.5	21 000	40.9	48.2	20 300	42.0
44.0													17.9	38.7	20 000 *	28.1	43.2	19 700	35.2	45.6	19 100	44.0
46.0																19.3	38.5	18 600	28.7	42.3	17 900	46.0
48.0																			20.2	37.8	16 900	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	43 400 *													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	37 500										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	34 300										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	30 800 *	57.4	59.3	30 600							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	27 800 *	53.6	57.9	28 300							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	26 300							36.0
38.0	19.4	42.3	17 800 *	29.0	47.7	19 600 *	33.4	49.9	20 800 *	39.8	52.6	23 100 *	45.3	54.4	24 500	50.1	55.6	23 700				38.0
40.0				21.4	43.3	18 100 *	27.1	46.4	19 200 *	34.5	49.9	21 200 *	40.6	52.2	23 000	45.8	53.7	22 100				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	20 800	46.2	52.7	20 000	42.0
44.0										20.7	42.1	18 000 *	29.5	46.4	19 800 *	36.1	49.0	19 500	41.6	50.6	18 800	44.0
46.0													22.2	42.2	18 300 *	30.3	45.9	18 400	36.6	48.1	17 700	46.0
48.0																23.2	41.8	17 400	30.8	45.0	16 700	48.0
50.0																12.7	35.4	16 400	23.9	41.0	15 800	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	30 300 *	59.7	63.5	34 300										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	28 200							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	25 300 *	53.3	60.2	26 200							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	24 400							38.0
40.0	23.0	45.6	16 500 *	30.9	50.3	18 100 *	34.9	52.4	19 200 *	40.6	55.0	21 200 *	45.6	56.7	22 800	50.0	57.9	22 000				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	19 500 *	41.3	54.6	21 400	46.1	56.0	20 700				42.0
44.0				16.0	40.9	15 600 *	22.6	44.9	16 500 *	30.5	49.3	18 000 *	36.7	52.1	19 800 *	41.9	53.9	19 400				44.0
46.0										24.0	45.3	16 700 *	31.4	49.0	18 300 *	37.3	51.4	18 300	42.2	52.9	17 600	46.0
48.0										15.2	39.5	15 600 *	25.2	45.2	17 000 *	32.1	48.5	17 300	37.7	50.5	16 600	48.0
50.0													16.9	39.9	15 800 *	26.1	44.8	16 400	32.6	47.6	15 700	50.0
52.0																18.2	39.7	15 500	26.6	44.0	14 900	52.0
54.0																			18.9	39.1	14 100	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	38 000 *													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	30 100 *													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	27 700 *										34.0
36.0	40.7	58.0	19 100 *	45.5	60.5	21 100 *	48.2	61.6	22 500 *	52.4	63.1	25 100 *	56.3	64.0	26 000							36.0
38.0	36.3	55.5	17 600 *	41.6	58.3	19 400 *	44.5	59.7	20 600 *	48.9	61.4	22 900 *	53.0	62.5	24 200							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	22 700							40.0
42.0	25.7	48.7	15 200 *	32.5	52.9	16 600 *	36.0	54.8	17 500 *	41.2	57.3	19 300 *	45.8	59.1	21 200	49.9	60.2	20 400				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	19 200				44.0
46.0				20.2	44.6	14 400 *	25.3	48.0	15 100 *	32.1	51.9	16 500 *	37.7	54.5	18 100 *	42.4	56.2	18 100	46.6	57.3	17 400	46.0
48.0							17.9	42.8	14 100 *	26.5	48.2	15 300 *	33.0	51.6	16 700 *	38.2	53.8	17 100	42.7	55.3	16 400	48.0
50.0										19.5	43.4	14 300 *	27.5	48.1	15 500 *	33.6	51.0	16 100	38.6	52.9	15 500	50.0
52.0													20.8	43.5	14 500 *	28.3	47.6	15 300	34.0	50.1	14 700	52.0
54.0																21.8	43.2	14 500	28.7	46.8	13 900	54.0
56.0																12.4	36.5	13 600	22.4	42.5	13 200	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	38 400 *													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	25 300 *										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	24 000							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	21 100 *	52.7	64.9	22 400							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	19 400 *	49.5	63.2	21 000							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	19 000				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	17 900				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	16 800 *	42.9	58.6	16 900				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	16 000	43.2	57.6	15 300	50.0
52.0										22.6	46.7	13 300 *	29.4	50.8	14 500 *	34.8	53.5	15 100	39.3	55.3	14 500	52.0
54.0										14.6	40.6	12 300 *	23.7	46.7	13 500 *	30.1	50.3	14 300	35.2	52.6	13 700	54.0
56.0													16.2	41.1	12 500 *	24.5	46.4	13 600	30.5	49.4	13 000	56.0
58.0																17.3	41.0	12 600 *	25.0	45.5	12 300	58.0
60.0																			18.0	40.3	11 700	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	33 800 *													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	22 400 *	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	20 500 *	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	22 200							40.0
42.0	38.1	60.3	15 000 *	42.6	63.0	16 500 *	45.0	64.3	17 500 *	48.9	66.0	19 200 *	52.5	67.2	20 800							42.0
44.0	34.0	57.5	14 000 *	38.9	60.6	15 300 *	41.6	62.1	16 100 *	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	17 700				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	16 600				48.0
50.0	17.5	44.8	11 100 *	25.5	50.9	12 300 *	29.3	53.6	13 000 *	34.6	56.9	14 100 *	39.2	59.3	15 400 *	43.3	60.9	15 700				50.0
52.0				19.2	46.0	11 400 *	23.9	49.5	12 000 *	30.2	53.7	13 200 *	35.3	56.6	14 300 *	39.7	58.6	14 900	43.6	59.9	14 300	52.0
54.0							17.1	44.0	11 200 *	25.0	49.8	12 200 *	31.0	53.5	13 300 *	35.8	56.0	14 100	40.0	57.6	13 500	54.0
56.0										18.6	44.7	11 400 *	26.0	49.7	12 400 *	31.5	52.9	13 400	36.2	55.0	12 800	56.0
58.0													19.8	44.9	11 500 *	26.6	49.3	12 500 *	31.9	52.0	12 100	58.0
60.0																20.7	44.6	11 600 *	27.1	48.4	11 500	60.0
62.0																12.1	37.6	10 800 *	21.2	43.9	11 000	62.0
64.0																			13.0	37.2	10 400	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	20 900 *										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	20 700							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	19 400							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	16 300 *	49.4	67.8	17 900 *	52.6	68.7	17 500				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	15 100 *	46.4	66.0	16 600 *	49.8	67.1	16 500				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	15 600				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	14 800	47.0	64.2	14 100	52.0
54.0	12.7	41.5	9 100 *	22.0	49.3	10 600 *	26.0	52.4	11 200 *	31.6	56.3	12 200 *	36.2	59.0	13 200 *	40.3	61.0	14 000	43.9	62.2	13 400	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	13 200	40.6	60.0	12 700	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	12 000	58.0
60.0										14.1	41.7	9 800 *	22.5	48.2	10 700 *	28.4	52.0	11 500 *	33.1	54.6	11 400	60.0
62.0													15.6	42.3	9 900 *	23.2	47.8	10 700 *	28.8	51.2	10 800	62.0
64.0																16.6	42.2	10 000 *	23.7	47.0	10 300	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	27 000 *													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	20 300 *	59.3	76.5	22 600 *										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	15 800 *	51.7	72.3	17 500 *	54.7	73.3	19 200							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	15 400				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	14 500				52.0
54.0	23.1	51.7	9 500 *	29.0	56.5	10 400 *	32.0	58.8	11 000 *	36.5	61.8	12 000 *	40.4	64.0	13 000 *	44.0	65.6	13 800				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	13 000	44.2	64.6	12 500	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	11 800	58.0
60.0							16.4	45.2	8 800 *	23.8	51.3	9 600 *	29.3	55.3	10 500 *	33.9	58.0	11 400 *	37.8	59.9	11 200	60.0
62.0										17.8	45.9	8 900 *	24.7	51.3	9 700 *	29.9	54.7	10 600 *	34.2	57.1	10 600	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	10 100	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
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	24 300 *													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	11 500 *	43.4	69.0	12 600 *	46.7	70.6	13 800 *	49.7	71.7	14 300				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	13 600				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	12 800				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	10 200 *	37.8	63.9	11 000 *	41.3	65.7	12 000 *	44.5	66.9	11 600	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	9 500 *	34.4	61.1	10 300 *	38.2	63.2	11 200 *	41.5	64.7	11 000	60.0
62.0				14.4	44.3	7 600 *	19.5	49.0	8 100 *	25.7	54.3	8 800 *	30.7	57.9	9 600 *	34.8	60.5	10 400 *	38.4	62.3	10 400	62.0
64.0							12.0	41.7	7 500 *	20.6	49.5	8 200 *	26.5	54.2	8 900 *	31.1	57.4	9 700 *	35.1	59.6	9 900	64.0
68.0													26.5	54.2	8 900 *	31.1	57.4	9 700 *	35.1	59.6	9 900	68.0
72.0													15.1	43.4	7 700 *	22.2	49.3	8 400 *	27.4	52.9	7 800 *	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	18 500 *										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	17 200 *							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	15 800 *							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	14 100				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	13 300				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	12 600				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	11 400	58.0
60.0	22.1	53.1	7 300 *	27.6	58.2	8 000 *	30.5	60.6	8 500 *	34.7	63.9	9 200 *	38.4	66.3	10 000 *	41.7	68.0	10 900 *	44.7	69.2	10 800	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	9 400 *	38.8	65.6	10 100 *	41.9	67.0	10 200	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	9 700	64.0
68.0										17.2	47.1	6 900 *	23.6	52.8	7 500 *	28.5	56.5	8 100 *	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
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	68 600 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	50 300 *	58.3	50.4	51 500 b										22.0
24.0	16.9	39.4	33 200 *	34.4	45.1	39 000 *	41.6	46.9	43 400 *	51.6	48.9	46 100										24.0
26.0				22.8	41.2	34 600 *	32.5	44.2	38 100 *	44.2	47.0	41 700	53.6	48.5	40 300							26.0
28.0							19.8	39.9	33 800 *	35.7	44.6	38 000	46.5	46.8	36 700							28.0
30.0										24.6	41.0	34 900	38.3	44.5	33 700	48.3	46.2	32 600				30.0
32.0													28.3	41.3	31 100	40.5	44.1	30 000				32.0
34.0																31.1	41.2	27 800	42.1	43.3	26 900	34.0
36.0																17.4	36.5	25 800	33.1	40.6	25 000	36.0
38.0																			20.8	36.4	23 300	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	59 700													20.0
22.0	41.5	49.4	37 500 *	50.5	51.9	44 800 *	55.3	52.9	50 600 *													22.0
24.0	33.6	46.7	33 300 *	44.0	50.0	39 200 *	49.3	51.3	43 600 *	57.1	52.7	46 000										24.0
26.0	23.5	42.9	29 900 *	36.6	47.5	34 700 *	42.6	49.3	38 200 *	51.3	51.2	41 500										26.0
28.0				27.5	44.2	31 000 *	35.0	46.7	34 000 *	44.9	49.4	37 800	53.0	50.8	36 500							28.0
30.0				13.3	38.6	28 000 *	25.3	43.1	30 400 *	37.6	47.0	34 700	46.8	49.1	33 500							30.0
32.0							7.9	36.0	27 500 *	28.8	43.8	31 500	39.8	46.9	30 900	48.4	48.5	29 800				32.0
34.0													31.6	44.0	28 600	41.7	46.4	27 600				34.0
36.0													20.5	39.8	26 600	33.8	43.8	25 700	43.1	45.6	24 800	36.0
38.0																23.7	40.0	23 900	35.5	43.1	23 100	38.0
40.0																			26.0	39.6	21 600	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	59 500													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	43 800 *													24.0
26.0	35.6	49.2	30 000 *	44.6	52.3	34 800 *	49.2	53.6	38 400 *	56.3	55.0	41 400										26.0
28.0	27.5	45.9	27 100 *	38.1	50.0	31 100 *	43.4	51.6	34 000 *	51.0	53.5	37 700										28.0
30.0	15.6	40.6	24 700 *	30.6	46.9	28 100 *	36.8	49.2	30 500 *	45.3	51.7	34 600	52.6	53.1	33 300							30.0
32.0				20.6	42.6	25 500 *	28.9	46.0	27 500 *	39.0	49.4	31 600	47.1	51.4	30 800							32.0
34.0							18.0	41.2	25 100 *	31.6	46.5	28 500 *	40.9	49.3	28 500	48.5	50.8	27 400				34.0
36.0										22.1	42.4	25 800 *	33.9	46.6	26 500	42.5	48.8	25 500				36.0
38.0													25.3	42.9	24 700	35.8	46.2	23 800	43.8	47.9	22 900	38.0
40.0																27.7	42.9	22 300	37.2	45.5	21 500	40.0
42.0																16.0	37.7	20 900	29.4	42.4	20 100	42.0
44.0																			18.9	37.7	18 900	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	58 500 *													20.0
22.0	53.3	57.8	37 600 *	59.5	59.4	45 000 *	63.0	60.0	51 100 *													22.0
24.0	48.4	56.1	33 400 *	55.0	58.1	39 300 *	58.6	58.9	43 800 *													24.0
26.0	43.1	54.1	29 900 *	50.2	56.5	34 800 *	54.1	57.5	38 300 *	60.0	58.7	41 100										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	37 500										28.0
30.0	30.3	48.6	24 600 *	39.4	52.3	28 000 *	44.0	53.9	30 400 *	50.8	55.8	34 400										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	31 500	52.2	55.4	30 500							32.0
34.0				24.9	45.8	23 200 *	31.5	48.6	25 000 *	40.1	51.8	28 400 *	47.3	53.7	28 300							34.0
36.0				12.7	39.7	21 300 *	23.0	44.6	22 800 *	33.8	49.0	25 700 *	41.8	51.6	26 300	48.5	53.1	25 300				36.0
38.0							8.5	37.2	20 900 *	26.0	45.5	23 500 *	35.7	49.1	24 500	43.2	51.1	23 600				38.0
40.0													28.5	45.8	23 000	37.3	48.7	22 100	44.3	50.2	21 200	40.0
42.0													18.8	41.0	21 500	30.4	45.6	20 700	38.5	47.9	19 900	42.0
44.0																21.6	41.4	19 500	31.9	45.0	18 700	44.0
46.0																			23.6	41.1	17 600	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	51 700 *													22.0
24.0	52.9	60.1	34 200 *	58.6	61.7	40 400 *	61.8	62.4	45 200 *													24.0
26.0	48.5	58.4	30 700 *	54.4	60.4	35 700 *	57.8	61.2	39 400 *													26.0
28.0	43.7	56.4	27 700 *	50.1	58.8	31 900 *	53.6	59.8	34 900 *	59.1	61.0	37 300										28.0
30.0	38.4	54.1	25 200 *	45.4	56.9	28 700 *	49.2	58.2	31 200 *	55.0	59.7	34 100										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	31 500	56.2	59.2	30 300							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	29 100	51.9	57.7	28 000							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	26 400 *	47.4	56.0	26 100							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	24 300	48.6	55.4	23 300				38.0
40.0							16.8	42.4	19 800 *	28.8	48.3	22 100 *	37.1	51.5	22 800	43.8	53.4	21 900				40.0
42.0										20.4	43.8	20 300 *	30.9	48.5	21 400	38.5	51.1	20 500	44.8	52.6	19 700	42.0
44.0													23.2	44.4	20 100	32.5	48.2	19 300	39.6	50.3	18 500	44.0
46.0																25.3	44.5	18 200	33.8	47.5	17 400	46.0
48.0																15.1	38.8	17 100	26.9	44.0	16 500	48.0
50.0																			17.6	39.0	15 500	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	45 000 *													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	34 700 *	61.9	64.5	37 100										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	33 900										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	31 300										32.0
34.0	34.1	53.7	21 000 *	41.1	57.1	23 600 *	44.9	58.6	25 400 *	50.5	60.4	28 900	55.6	61.6	27 800							34.0
36.0	27.8	50.3	19 300 *	36.0	54.5	21 600 *	40.2	56.3	23 200 *	46.3	58.6	26 300 *	51.7	60.0	25 800							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	23 900 *	47.5	58.3	24 100							38.0
40.0				23.0	47.3	18 400 *	28.9	50.4	19 600 *	36.7	54.0	21 900 *	43.1	56.3	22 600	48.6	57.7	21 600				40.0
42.0				12.3	40.7	16 700 *	21.4	46.0	18 100 *	31.0	50.9	20 200 *	38.2	53.9	21 100	44.2	55.7	20 300				42.0
44.0							8.8	38.3	16 700 *	24.1	47.0	18 600 *	32.7	51.0	19 900	39.5	53.5	19 100	45.1	54.9	18 300	44.0
46.0													26.3	47.4	18 800	34.2	50.7	18 000	40.5	52.7	17 200	46.0
48.0													17.6	42.3	17 600	28.0	47.3	17 000	35.3	50.0	16 200	48.0
50.0																20.1	42.7	16 000	29.3	46.8	15 400	50.0
52.0																			21.9	42.5	14 500	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	39 500 *													26.0
28.0	52.3	64.7	27 600 *	57.2	66.4	31 800 *	59.9	67.1	34 900 *													28.0
30.0	48.5	63.0	25 100 *	53.6	65.0	28 700 *	56.5	65.9	31 200 *	61.0	66.9	33 900										30.0
32.0	44.5	61.1	22 900 *	49.9	63.4	25 900 *	52.9	64.4	28 100 *	57.6	65.7	31 200										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	28 800										34.0
36.0	35.4	56.2	19 400 *	41.8	59.4	21 700 *	45.2	60.9	23 200 *	50.4	62.7	26 400 *	55.1	63.9	25 700							36.0
38.0	30.0	53.0	17 900 *	37.2	56.9	19 900 *	40.9	58.7	21 300 *	46.5	60.9	24 000 *	51.5	62.3	24 000							38.0
40.0	23.4	48.9	16 600 *	32.0	54.0	18 400 *	36.2	56.1	19 700 *	42.3	58.8	22 000 *	47.7	60.6	22 400							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	21 100	48.6	60.0	20 200				42.0
44.0				17.9	45.2	15 800 *	24.5	49.2	16 800 *	32.7	53.5	18 600 *	39.1	56.3	19 800	44.6	58.1	19 000				44.0
46.0							16.0	43.6	15 600 *	26.8	49.9	17 200 *	34.2	53.6	18 700	40.3	55.8	17 900	45.4	57.2	17 100	46.0
48.0										19.2	45.1	16 000 *	28.6	50.2	17 600	35.5	53.2	16 900	41.2	55.0	16 100	48.0
50.0													21.6	45.8	16 400 *	30.1	50.0	16 000	36.5	52.5	15 300	50.0
52.0																23.6	46.0	15 100	31.2	49.4	14 400	52.0
54.0																14.4	40.0	14 300	25.0	45.6	13 700	54.0
56.0																			16.6	40.2	13 000	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	30 900										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	28 600										34.0
36.0	40.9	61.2	19 200 *	46.2	63.9	21 500 *	49.2	65.1	23 000 *	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	23 700 *	54.7	66.2	23 800							38.0
40.0	31.7	55.6	16 400 *	38.1	59.4	18 200 *	41.5	61.1	19 400 *	46.7	63.2	21 700 *	51.3	64.7	22 200							40.0
42.0	26.0	51.9	15 200 *	33.5	56.5	16 800 *	37.2	58.6	17 900 *	42.8	61.2	20 000 *	47.8	62.9	20 800							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	19 600	48.7	62.3	18 700				44.0
46.0				21.6	48.7	14 500 *	27.0	52.1	15 400 *	34.1	56.0	17 000 *	39.9	58.7	18 500	44.9	60.4	17 600				46.0
48.0				12.0	41.8	13 300 *	20.1	47.4	14 300 *	28.9	52.7	15 800 *	35.5	56.0	17 400	41.0	58.2	16 600	45.7	59.5	15 900	48.0
50.0							9.0	39.4	13 300 *	22.6	48.4	14 700 *	30.5	52.9	16 100 *	36.6	55.7	15 700	41.8	57.4	15 000	50.0
52.0													24.6	49.0	15 000 *	31.8	52.7	14 900	37.5	54.9	14 200	52.0
54.0													16.7	43.5	14 000 *	26.1	49.0	14 100	32.8	52.0	13 500	54.0
56.0																19.0	44.0	13 400	27.3	48.5	12 800	56.0
58.0																			20.6	43.9	12 100	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	30 700										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	28 400										34.0
36.0	45.1	65.7	19 300 *	49.8	68.0	21 600 *	52.4	69.0	23 200 *	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	22 000							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	20 700							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	18 500 *	47.8	65.2	19 400							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	18 300	48.7	64.6	17 400				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	17 200	45.2	62.7	16 500				48.0
50.0				17.1	46.4	12 700 *	23.1	50.6	13 500 *	30.6	55.4	14 800 *	36.5	58.5	16 200	41.5	60.5	15 500				50.0
52.0							15.3	44.7	12 500 *	25.1	51.5	13 800 *	32.0	55.5	15 100 *	37.6	58.1	14 700	42.3	59.7	14 000	52.0
54.0										18.2	46.3	12 800 *	26.8	51.9	14 000 *	33.2	55.2	13 900	38.4	57.3	13 300	54.0
56.0													20.4	47.2	13 100 *	28.2	51.8	13 200	34.1	54.5	12 600	56.0
58.0																22.2	47.4	12 500	29.2	51.2	11 900	58.0
60.0																13.9	41.1	11 900	23.5	47.1	11 300	60.0
62.0																			15.9	41.4	10 800	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	28 200										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	26 000										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	21 600 *	56.9	72.2	21 800							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	20 400							42.0
44.0	34.3	60.7	14 000 *	39.6	64.1	15 500 *	42.5	65.7	16 400 *	47.0	67.8	18 300 *	51.0	69.3	19 200							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	18 000	51.8	68.6	17 200				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	15 600 *	44.6	65.6	17 000	48.7	66.9	16 200				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	14 500 *	41.2	63.4	16 000	45.5	65.0	15 300				50.0
52.0				20.5	50.0	11 700 *	25.4	53.7	12 300 *	32.0	58.0	13 500 *	37.4	60.9	14 900 *	42.0	62.9	14 500	46.1	64.1	13 800	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	13 700	42.7	62.0	13 000	54.0
56.0							9.2	40.4	10 400 *	21.4	49.8	11 800 *	28.7	54.6	12 900 *	34.4	57.7	13 000	39.1	59.7	12 300	56.0
58.0													23.2	50.4	12 000 *	29.9	54.5	12 300	35.2	57.0	11 700	58.0
60.0													16.0	44.7	11 200 *	24.7	50.5	11 700	30.8	53.9	11 100	60.0
62.0																18.1	45.3	11 100	25.8	50.1	10 600	62.0
64.0																6.7	35.8	10 500	19.6	45.2	10 000	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	25 300 *													34.0
36.0	51.6	73.9	19 000 *	55.3	75.7	21 400 *	57.5	76.5	23 000 *	60.9	77.5	26 000										36.0
38.0	48.7	72.2	17 500 *	52.6	74.2	19 600 *	54.8	75.2	21 000 *	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	20 300							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	19 000							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	17 900							46.0
48.0	31.2	60.1	12 100 *	36.6	63.9	13 300 *	39.5	65.7	14 100 *	44.0	68.1	15 600 *	48.0	69.8	16 900	51.6	70.9	16 100				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	15 900	48.7	69.2	15 200				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	14 300				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	13 600	46.3	66.4	12 900	54.0
56.0				16.4	47.6	10 100 *	22.0	52.1	10 700 *	28.9	57.1	11 700 *	34.4	60.5	12 800 *	39.1	62.9	12 900	43.1	64.4	12 200	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	12 200	39.8	62.1	11 600	58.0
60.0										17.4	47.6	10 200 *	25.4	53.5	11 200 *	31.3	57.1	11 600	36.1	59.5	11 000	60.0
62.0													19.5	48.5	10 400 *	26.7	53.4	11 000	32.1	56.5	10 500	62.0
64.0													10.8	40.9	9 600 *	21.1	48.8	10 500	27.6	52.9	9 900	64.0
68.0																			15.3	42.5	9 000	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	29 900 *													30.0
32.0	59.1	80.4	22 500 *	62.3	81.7	25 600 *	64.2	82.3	27 800 *													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	23 500 *										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	17 500 *	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	18 000 *	56.0	76.9	18 800							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	17 700							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	16 700							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	14 200 *	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	14 500 *	48.7	71.5	14 100				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	13 400				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	12 700				56.0
58.0				19.6	51.4	9 200 *	24.2	55.2	9 800 *	30.3	59.8	10 700 *	35.3	63.0	11 700 *	39.7	65.2	12 000	43.5	66.7	11 400	58.0
60.0				11.6	44.0	8 400 *	18.3	49.9	9 100 *	25.8	56.0	10 000 *	31.5	59.9	10 900 *	36.2	62.6	11 400	40.3	64.4	10 800	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	10 800	36.9	61.9	10 200	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	9 700	64.0
68.0																17.4	46.5	9 000 *	24.5	51.6	8 800	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	26 400 *													32.0
34.0	58.6	82.8	20 300 *	61.7	84.1	23 000 *	63.5	84.7	24 800 *													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	18 800 *	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	15 900 *	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	17 500							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	16 500							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	14 300 *	51.3	75.5	13 900				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	13 100				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	12 500				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	10 400 *	39.4	68.1	11 500 *	43.2	69.9	11 800	46.6	71.0	11 100	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	9 700 *	36.2	65.5	10 700 *	40.2	67.6	11 200	43.8	69.0	10 500	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	10 600	40.8	66.8	10 000	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	10 100	37.7	64.3	9 500	64.0
68.0													18.7	49.8	8 100 *	25.4	55.0	8 800 *	30.5	58.3	8 600	68.0
72.0																13.2	43.3	7 600 *	21.3	49.9	7 800	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	24 400 *													32.0
34.0	60.3	86.3	19 700 *	63.2	87.6	21 800 *	64.9	88.1	22 900 *													34.0
36.0	58.1	85.1	18 300 *	61.1	86.5	20 400 *	62.8	87.1	21 500 *													36.0
38.0	55.9	83.8	16 800 *	58.9	85.3	18 900 *	60.7	86.0	20 200 *													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	17 300							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	16 200							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	12 900				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	12 200				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	11 600				58.0
60.0	22.4	56.4	7 400 *	28.4	62.0	8 200 *	31.5	64.5	8 600 *	36.0	67.9	9 500 *	40.0	70.4	10 400 *	43.5	72.2	11 000	46.7	73.3	10 300	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	10 400	44.1	71.3	9 800	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	9 000 *	37.7	67.5	9 900	41.3	69.1	9 300	64.0
68.0							9.4	42.6	6 300 *	19.6	52.5	7 100 *	26.0	57.9	7 900 *	31.0	61.5	8 600 *	35.1	64.0	8 400	68.0
72.0													15.0	47.0	6 700 *	22.5	53.5	7 400 *	27.8	57.4	7 500	72.0
76.0																7.6	38.2	6 400 *	18.0	47.7	6 800	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	68 100 b													18.0
20.0	40.8	50.2	42 800 *	52.0	52.9	53 400 *	57.9	53.9	59 600 b													20.0
22.0	31.4	47.4	37 500 *	44.7	51.1	45 800 *	51.2	52.4	52 400	60.7	53.8	51 000 b										22.0
24.0	18.0	42.8	33 400 *	36.2	48.6	39 900 *	43.8	50.5	45 100 *	54.3	52.5	45 600										24.0
26.0				25.4	45.1	35 300 *	35.1	48.0	39 400 *	47.3	50.8	41 300	57.1	52.1	39 700 b							26.0
28.0							23.8	44.3	34 900 *	39.3	48.6	37 600	50.3	50.6	36 200							28.0
30.0										29.5	45.5	34 500	42.7	48.6	33 200							30.0
32.0										14.3	40.3	31 800	33.9	46.0	30 600	45.7	48.3	29 400				32.0
34.0													22.0	42.1	28 300	37.4	45.9	27 300				34.0
36.0																27.0	42.6	25 300	40.2	45.3	24 400	36.0
38.0																7.8	35.8	23 600	30.6	42.4	22 700	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	59 400 b													20.0
22.0	41.9	52.6	37 700 *	51.6	55.2	46 000 *	56.8	56.3	52 400													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	45 400										24.0
26.0	24.1	46.2	30 100 *	38.0	51.1	35 500 *	44.5	52.9	39 500 *	53.6	54.8	41 000										26.0
28.0				29.4	48.0	31 700 *	37.1	50.5	35 000 *	47.5	53.1	37 400	56.1	54.5	36 000							28.0
30.0				16.9	43.1	28 500 *	28.2	47.2	31 300 *	40.6	51.0	34 300	50.1	52.9	33 000							30.0
32.0							14.8	41.9	28 200 *	32.5	48.2	31 700	43.6	51.0	30 400	52.4	52.4	29 200				32.0
34.0										21.9	44.1	29 300	36.1	48.5	28 200	46.1	50.6	27 100				34.0
36.0													26.8	45.1	26 200	39.0	48.3	25 100				36.0
38.0													12.0	39.1	24 400	30.6	45.3	23 500	41.4	47.7	22 500	38.0
40.0																18.9	40.8	21 900	33.5	45.0	21 100	40.0
42.0																23.2	41.1	19 700	23.2	41.1	19 700	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	59 300 b													20.0
22.0	48.7	57.0	37 800 *	56.6	59.0	46 200 *	60.9	59.8	52 300													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	39 700 *	58.2	58.5	40 900										26.0
28.0	27.9	49.1	27 300 *	39.4	53.5	31 700 *	45.0	55.2	35 100 *	53.1	57.1	37 300										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	34 200	55.3	56.8	32 800							30.0
32.0				22.8	46.6	25 900 *	31.2	49.9	28 300 *	41.6	53.3	31 500	50.0	55.2	30 300							32.0
34.0							21.4	45.7	25 700 *	34.7	50.7	29 200	44.2	53.3	28 000							34.0
36.0										26.3	47.2	26 900 *	37.7	50.9	26 000	46.4	52.9	25 000				36.0
38.0										13.5	41.4	24 400 *	30.1	47.9	24 300	40.3	50.7	23 300				38.0
40.0													19.9	43.4	22 800	33.1	47.9	21 800	42.3	50.0	20 900	40.0
42.0																24.2	44.1	20 400	35.5	47.5	19 600	42.0
44.0																8.5	36.9	19 200	27.3	44.1	18 400	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	52 300													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	39 700 *	61.8	62.0	40 600										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	37 000										28.0
30.0	30.7	51.8	24 700 *	40.5	55.8	28 500 *	45.4	57.5	31 300 *	52.7	59.4	34 000										30.0
32.0	21.9	47.6	22 600 *	34.1	53.1	25 900 *	39.8	55.3	28 200 *	47.8	57.7	31 300	54.7	59.1	30 000							32.0
34.0				26.5	49.6	23 600 *	33.3	52.5	25 600 *	42.4	55.6	29 000	49.9	57.5	27 800							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	25 800							36.0
38.0							13.9	43.0	21 400 *	29.3	50.0	24 300 *	39.0	53.3	24 100	46.7	55.2	23 100				38.0
40.0										20.0	45.5	22 300 *	32.4	50.5	22 600	41.2	53.1	21 600				40.0
42.0													24.3	46.7	21 200	35.0	50.4	20 300	43.0	52.4	19 400	42.0
44.0													11.6	40.2	19 900	27.6	47.1	19 000	37.1	49.9	18 200	44.0
46.0																17.5	42.1	17 900	30.1	46.8	17 100	46.0
48.0																			21.2	42.5	16 100	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	52 200													22.0
24.0	53.2	63.2	34 400 *	59.3	65.0	41 400 *	62.8	65.7	46 500													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	36 000 *	60.7	64.4	36 800										28.0
30.0	38.7	57.3	25 300 *	46.3	60.3	29 300 *	50.4	61.6	32 100 *	56.6	63.2	33 700										30.0
32.0	32.7	54.4	23 200 *	41.3	58.2	26 500 *	45.8	59.8	28 900 *	52.4	61.7	31 100										32.0
34.0	25.6	50.7	21 300 *	35.7	55.6	24 200 *	40.7	57.6	26 200 *	47.9	60.0	28 800	54.2	61.4	27 600							34.0
36.0	15.5	45.2	19 000 *	29.2	52.4	22 200 *	35.0	55.0	23 900 *	43.0	58.0	26 800	49.8	59.8	25 600							36.0
38.0				21.0	48.0	20 400 *	28.4	51.7	22 000 *	37.7	55.6	24 900	45.1	57.9	23 900							38.0
40.0							19.8	47.1	20 200 *	31.6	52.6	22 800 *	40.0	55.7	22 400	46.9	57.5	21 400				40.0
42.0										24.1	48.7	21 000 *	34.3	53.0	21 000	42.0	55.4	20 000				42.0
44.0										12.9	42.5	19 400 *	27.4	49.6	19 700	36.5	52.9	18 800	43.6	54.7	18 000	44.0
46.0													18.4	44.7	18 600	30.1	49.8	17 800	38.3	52.3	16 900	46.0
48.0																22.2	45.6	16 800	32.3	49.4	16 000	48.0
50.0																8.8	38.0	15 800	25.0	45.7	15 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	46 400													24.0
26.0	52.8	65.5	30 700 *	58.5	67.3	36 400 *	61.7	68.1	40 600 *													26.0
28.0	48.7	63.9	27 700 *	54.7	66.0	32 400 *	58.1	66.9	35 800 *													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	33 500										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	30 900										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	28 600										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	26 600	53.8	63.7	25 400							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	23 700							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	22 100	51.3	61.6	21 100				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	20 800	47.1	59.8	19 800				42.0
44.0							13.4	44.1	17 100 *	27.0	51.6	19 200 *	35.7	55.5	19 500	42.6	57.7	18 600				44.0
46.0										18.7	46.7	17 800 *	29.8	52.3	18 400	37.7	55.3	17 500	44.1	57.0	16 700	46.0
48.0													22.5	48.1	17 400	32.1	52.4	16 500	39.3	54.7	15 700	48.0
50.0													11.4	41.3	16 400	25.5	48.6	15 600	34.0	52.0	14 900	50.0
52.0																16.4	43.3	14 800	27.7	48.5	14 100	52.0
54.0																			19.7	43.8	13 300	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	40 900 *													26.0
28.0	52.5	67.8	27 800 *	57.8	69.7	32 500 *	60.8	70.5	36 000 *													28.0
30.0	48.8	66.2	25 200 *	54.3	68.3	29 200 *	57.4	69.2	32 100 *													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	30 800										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	28 500										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	26 500										36.0
38.0	30.3	56.3	18 000 *	38.0	60.5	20 300 *	42.1	62.3	21 800 *	48.1	64.6	24 700	53.4	66.0	23 600							38.0
40.0	23.8	52.2	16 700 *	33.0	57.6	18 700 *	37.5	59.9	20 000 *	44.0	62.6	22 700 *	49.7	64.4	22 000							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	20 800 *	45.7	62.6	20 700	51.1	63.9	19 700				42.0
44.0				19.7	49.3	16 000 *	26.4	53.3	17 100 *	34.8	57.7	19 200 *	41.5	60.4	19 400	47.2	62.1	18 500				44.0
46.0							18.6	48.3	15 900 *	29.2	54.4	17 800 *	36.9	57.9	18 300	43.1	60.1	17 400				46.0
48.0										22.5	50.2	16 500 *	31.7	54.9	17 300	38.7	57.7	16 500	44.5	59.3	15 600	48.0
50.0										12.5	43.6	15 300 *	25.5	51.2	16 400	33.7	54.9	15 500	40.1	57.1	14 800	50.0
52.0													17.4	45.9	15 500	27.9	51.5	14 700	35.3	54.5	14 000	52.0
54.0																20.8	47.0	14 000	29.9	51.3	13 200	54.0
56.0																9.1	39.1	13 200	23.3	47.2	12 500	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	30 500										32.0
34.0	45.1	66.5	20 900 *	50.5	69.0	23 900 *	53.5	70.1	25 900 *	58.3	71.5	28 200										34.0
36.0	41.1	64.4	19 200 *	46.9	67.2	21 800 *	50.1	68.5	23 600 *	55.0	70.1	26 200										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	24 500										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	21 800							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	20 400							42.0
44.0	19.2	50.3	14 200 *	29.2	56.8	15 800 *	33.8	59.5	16 900 *	40.4	62.7	19 000 *	46.0	64.9	19 200							44.0
46.0				23.0	52.6	14 700 *	28.5	56.1	15 700 *	36.0	60.1	17 500 *	42.1	62.8	18 100	47.4	64.4	17 200				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	17 100	43.6	62.4	16 200				48.0
50.0							12.9	45.2	13 600 *	25.2	53.2	15 100 *	33.2	57.5	16 100	39.5	60.1	15 300	44.8	61.7	14 500	50.0
52.0										17.7	48.0	14 100 *	27.8	54.0	15 300	35.0	57.4	14 500	40.8	59.5	13 700	52.0
54.0													21.2	49.5	14 400	29.9	54.2	13 800	36.4	56.9	13 000	54.0
56.0													11.2	42.4	13 500 *	23.8	50.2	13 000	31.6	53.9	12 300	56.0
58.0																15.7	44.4	12 300	25.9	50.1	11 700	58.0
60.0																			18.6	45.1	11 100	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	40 400 *													26.0
28.0	58.2	75.3	27 800 *	62.5	76.7	32 700 *	65.0	77.3	36 300 *													28.0
30.0	55.2	73.9	25 200 *	59.6	75.6	29 300 *	62.2	76.3	32 200 *													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	26 100 *	60.6	75.0	28 100										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	26 000										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	24 300										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	21 600							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	20 200							42.0
44.0	28.4	58.0	14 300 *	35.5	62.6	15 900 *	39.2	64.7	17 000 *	44.7	67.3	19 100 *	49.6	69.0	19 000							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	17 900	50.8	68.5	17 000				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	16 900	47.5	66.7	16 000				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	15 900	43.9	64.7	15 100				50.0
52.0							17.7	49.6	12 800 *	27.4	56.1	14 100 *	34.4	60.0	15 100	40.2	62.5	14 300	45.1	64.0	13 500	52.0
54.0										21.2	51.5	13 200 *	29.6	56.7	14 300	36.1	59.9	13 500	41.4	61.8	12 800	54.0
56.0										12.2	44.7	12 300 *	24.0	52.7	13 600	31.5	56.8	12 800	37.4	59.3	12 100	56.0
58.0													16.6	47.1	12 700 *	26.2	53.1	12 200	33.0	56.4	11 500	58.0
60.0																19.6	48.3	11 600	28.0	53.0	10 900	60.0
62.0																9.2	40.2	11 000	21.9	48.6	10 400	62.0
64.0																			13.4	42.1	9 800	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	35 800 *													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	25 900 *													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	25 800										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	24 100										38.0
40.0	42.2	69.1	16 300 *	47.2	71.8	18 400 *	50.0	73.1	19 700 *	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	20 000							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	18 700							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	17 700							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	16 700	50.7	70.8	15 800				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	14 900 *	43.0	67.4	15 700	47.6	69.0	14 900				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	14 900	44.3	67.0	14 100				52.0
54.0				13.8	47.6	10 800 *	21.0	53.2	11 700 *	29.2	58.8	12 900 *	35.5	62.4	14 100	40.8	64.8	13 300	45.3	66.3	12 600	54.0
56.0							12.6	46.3	10 800 *	23.8	54.7	12 100 *	31.2	59.3	13 300	37.0	62.3	12 600	41.9	64.1	11 900	56.0
58.0										16.9	49.2	11 300 *	26.2	55.6	12 400 *	32.8	59.4	12 000	38.2	61.7	11 300	58.0
60.0													20.1	50.8	11 600 *	28.1	55.9	11 400	34.2	58.9	10 700	60.0
62.0													11.1	43.4	10 900 *	22.5	51.6	10 800	29.7	55.7	10 100	62.0
64.0																15.1	45.6	10 200	24.4	51.7	9 700	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	31 900 *													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	21 500 *	59.3	79.7	23 900										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	22 300										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	18 700							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	17 500							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	16 500							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	15 600	50.6	73.1	14 700				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	13 800 *	43.4	69.7	14 800	47.7	71.3	13 900				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	14 000	44.6	69.4	13 200				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	13 200	41.3	67.2	12 500	45.6	68.6	11 800	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	11 900	42.3	66.5	11 100	58.0
60.0										20.2	52.9	10 500 *	28.0	58.4	11 600 *	34.0	61.9	11 300	38.9	64.1	10 600	60.0
62.0										12.0	45.7	9 800 *	22.8	54.1	10 800 *	29.7	58.6	10 700	35.2	61.4	10 000	62.0
64.0													15.9	48.3	10 100 *	24.8	54.7	10 200	31.1	58.3	9 500	64.0
68.0																9.4	41.3	9 200	20.9	49.9	8 600	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	28 500 *													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	23 700										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	22 100										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	18 600 *										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	17 300							46.0
48.0	36.4	68.8	11 900 *	41.4	72.3	13 300 *	44.1	74.0	14 100 *	48.3	76.1	15 800 *	52.2	77.6	16 300							48.0
50.0	32.6	65.9	11 100 *	38.1	69.9	12 300 *	41.0	71.7	13 100 *	45.4	74.2	14 700 *	49.5	75.9	15 400							50.0
52.0	28.5	62.4	10 400 *	34.5	67.1	11 500 *	37.7	69.3	12 200 *	42.4	72.1	13 600 *	46.7	74.1	14 500	50.5	75.4	13 700				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	13 800	47.7	73.6	13 000				54.0
56.0	17.6	52.8	8 800 *	26.1	60.1	10 000 *	30.1	63.2	10 600 *	35.7	67.1	11 800 *	40.6	69.8	13 000	44.8	71.7	12 300				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	12 100 *	41.8	69.5	11 600	45.8	70.9	10 900	58.0
60.0				13.5	48.7	8 500 *	20.0	54.5	9 300 *	27.7	60.5	10 200 *	33.6	64.5	11 300 *	38.5	67.1	11 000	42.7	68.8	10 300	60.0
62.0							12.4	47.4	8 500 *	22.7	56.2	9 600 *	29.5	61.1	10 600 *	35.0	64.4	10 500	39.5	66.5	9 800	62.0
64.0										16.3	50.4	8 900 *	24.9	57.2	9 800 *	31.1	61.3	10 000	36.1	63.9	9 300	64.0
68.0													11.0	44.5	8 600 *	21.5	53.0	9 000	28.2	57.4	8 400	68.0
72.0																			17.1	47.6	7 600	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	26 600 *													32.0
34.0	58.7	85.9	20 400 *	62.1	87.3	23 400 *	64.1	88.0	25 100 *													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	21 900										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	17 100							46.0
48.0	40.3	73.8	11 700 *	44.7	76.8	13 000 *	47.1	78.2	13 900 *	51.0	80.1	15 600 *	54.5	81.4	16 100							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	15 200							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	14 300							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	13 600	50.4	77.7	12 700				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	11 500 *	44.0	74.4	12 800	47.8	75.9	12 000				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	11 400				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	10 800	45.9	73.2	10 100	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	10 300	43.1	71.1	9 600	62.0
64.0				7.7	43.7	6 800 *	16.4	52.0	7 900 *	24.7	59.2	8 700 *	30.8	63.8	9 600 *	35.8	66.8	9 700	40.1	68.9	9 100	64.0
68.0										11.8	46.8	7 600 *	21.8	55.5	8 400 *	28.3	60.4	8 800	33.4	63.4	8 200	68.0
72.0																18.0	50.8	8 000	25.2	56.2	7 400	72.0
76.0																			12.8	44.3	6 700	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	24 500 *													32.0
34.0	60.4	89.4	19 700 *	63.6	90.8	22 000 *	65.5	91.4	23 200 *													34.0
36.0	58.2	88.2	18 400 *	61.5	89.7	20 600 *	63.4	90.4	21 800 *													36.0
38.0	56.0	86.9	16 900 *	59.3	88.6	19 200 *	61.2	89.3	20 500 *													38.0
40.0	53.7	85.5	15 500 *	57.1	87.3	17 600 *	59.1	88.1	19 100 *	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	15 300 *	56.5	85.1	15 900							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	15 000							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	14 100							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	13 300							54.0
56.0	31.1	67.7	8 600 *	36.2	72.0	9 500 *	38.9	74.1	10 100 *	43.1	76.8	11 300 *	46.9	78.7	12 500	50.4	80.0	11 800				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	11 200				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	10 600				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	10 100	46.1	75.5	9 400	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	9 500	43.4	73.5	8 900	64.0
68.0							12.1	48.5	6 500 *	21.7	57.6	7 400 *	28.2	62.9	8 200 *	33.3	66.4	8 600	37.6	68.7	8 000	68.0
72.0													18.5	53.4	7 100 *	25.5	59.2	7 800	30.8	62.7	7 200	72.0
76.0																14.2	47.9	6 800 *	22.3	54.6	6 500	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	59 200 b													20.0
22.0	31.9	50.6	37 800 *	46.1	54.5	47 000 *	53.0	55.9	52 500 b													22.0
24.0	18.9	46.2	33 600 *	37.9	52.2	40 900 *	45.8	54.1	46 700	56.9	56.0	45 100 b										24.0
26.0				27.7	48.9	36 100 *	37.6	51.8	40 800 *	50.1	54.4	40 800										26.0
28.0							27.3	48.5	36 000 *	42.6	52.5	37 200	53.9	54.3	35 600 b							28.0
30.0										33.6	49.8	34 100	46.8	52.6	32 600							30.0
32.0										21.6	45.8	31 400	38.7	50.4	30 100	50.4	52.2	28 800				32.0
34.0													28.8	47.2	27 900	42.9	50.3	26 600				34.0
36.0																34.0	47.7	24 800				36.0
38.0																22.2	43.7	23 100	38.1	47.4	22 100	38.0
40.0																			27.9	44.2	20 600	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	59 100 b													20.0
22.0	42.3	55.8	38 000 *	52.7	58.5	47 300 *	58.3	59.6	52 300													22.0
24.0	34.5	53.2	33 700 *	46.5	56.8	41 100 *	52.5	58.2	46 700													24.0
26.0	24.7	49.5	30 200 *	39.5	54.6	36 300 *	46.2	56.4	40 900 *	55.9	58.3	40 500										26.0
28.0				31.1	51.6	32 300 *	39.2	54.2	36 100 *	50.0	56.7	37 000										28.0
30.0				19.8	47.3	29 100 *	30.8	51.2	32 200 *	43.4	54.8	33 900	53.3	56.6	32 400							30.0
32.0							19.3	46.7	29 000 *	35.9	52.3	31 300	47.1	54.9	29 900							32.0
34.0										26.6	48.9	29 000	40.1	52.7	27 700	50.2	54.5	26 400				34.0
36.0													32.0	49.9	25 700	43.7	52.6	24 500				36.0
38.0													21.1	45.7	24 000	36.2	50.1	22 900				38.0
40.0																27.0	46.8	21 400				40.0
42.0																			39.6	49.7	20 400	42.0
44.0																			31.3	46.8	19 200	44.0
																			20.1	42.5	18 000	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	58 900 b													20.0
22.0	48.9	60.1	38 100 *	57.5	62.3	47 500 *	62.2	63.1	52 100													22.0
24.0	43.1	58.1	33 800 *	52.3	60.8	41 200 *	57.3	61.9	46 700													24.0
26.0	36.4	55.6	30 300 *	46.8	59.1	36 400 *	52.1	60.5	41 100 *	60.2	61.9	40 400										26.0
28.0	28.4	52.4	27 400 *	40.6	56.9	32 400 *	46.6	58.7	36 200 *	55.2	60.6	36 800										28.0
30.0	17.3	47.4	24 900 *	33.6	54.2	29 100 *	40.4	56.5	32 300 *	49.9	59.0	33 800										30.0
32.0				24.8	50.5	26 400 *	33.3	53.8	29 000 *	44.1	57.1	31 100	52.8	58.9	29 700							32.0
34.0							24.4	50.0	26 300 *	37.6	54.7	28 800	47.3	57.2	27 500							34.0
36.0										29.9	51.7	26 800	41.2	55.1	25 600	50.1	56.8	24 400				36.0
38.0										19.6	47.1	25 000	34.3	52.4	23 900	44.3	54.9	22 700				38.0
40.0													25.7	48.8	22 400	37.8	52.6	21 300	46.9	54.3	20 200	40.0
42.0																30.2	49.5	20 000	40.8	52.1	19 000	42.0
44.0																20.1	45.1	18 800	33.7	49.4	17 800	44.0
46.0																			25.0	45.7	16 800	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	52 000													22.0
24.0	49.0	62.4	33 700 *	56.7	64.6	41 200 *	60.9	65.5	46 500													24.0
26.0	43.7	60.4	30 200 *	52.0	63.2	36 300 *	56.5	64.3	41 100 *													26.0
28.0	37.8	58.1	27 300 *	47.0	61.4	32 300 *	51.8	62.8	36 200 *	59.1	64.3	36 600										28.0
30.0	31.1	55.1	24 800 *	41.5	59.3	29 100 *	46.8	61.0	32 200 *	54.6	62.9	33 500										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	30 900	57.1	62.7	29 400							32.0
34.0				28.1	53.4	24 000 *	35.2	56.3	26 200 *	44.6	59.4	28 700	52.4	61.2	27 300							34.0
36.0				18.2	48.5	22 000 *	27.8	52.9	23 900 *	38.9	57.1	26 700	47.5	59.5	25 300							36.0
38.0							17.8	48.0	21 900 *	32.3	54.3	24 800	42.1	57.4	23 700							38.0
40.0										24.1	50.4	23 100 *	36.0	54.9	22 100	44.8	57.2	21 000				40.0
42.0													28.8	51.7	20 800	39.1	55.0	19 700				42.0
44.0													19.3	47.0	19 500	32.6	52.1	18 600	41.7	54.5	17 600	44.0
46.0																24.5	48.3	17 500	35.5	51.9	16 500	46.0
48.0																			28.2	48.6	15 600	48.0
50.0																			18.5	43.8	14 800	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	46 300													24.0
26.0	49.0	64.7	31 000 *	56.0	67.0	37 300 *	59.9	67.9	41 800													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	33 300										30.0
32.0	33.1	57.6	23 300 *	42.3	61.6	27 000 *	47.0	63.3	29 700 *	54.1	65.3	30 700										32.0
34.0	26.0	54.0	21 400 *	36.8	59.2	24 600 *	42.1	61.2	26 900 *	49.7	63.6	28 400	56.4	65.0	27 100							34.0
36.0	16.2	48.6	19 300 *	30.5	56.1	22 500 *	36.6	58.7	24 500 *	45.0	61.8	26 400	52.1	63.5	25 100							36.0
38.0				22.7	52.0	20 700 *	30.3	55.6	22 500 *	39.9	59.5	24 700	47.6	61.8	23 400							38.0
40.0							22.4	51.5	20 700 *	34.1	56.8	23 100	42.7	59.8	21 900	49.9	61.4	20 800				40.0
42.0										27.3	53.3	21 600	37.3	57.3	20 600	45.2	59.6	19 500				42.0
44.0										18.2	48.4	20 000 *	31.2	54.3	19 300	40.1	57.3	18 300				44.0
46.0													23.6	50.4	18 200	34.4	54.6	17 300	42.4	56.8	16 400	46.0
48.0																27.6	51.2	16 300	36.9	54.3	15 400	48.0
50.0																18.6	46.4	15 400	30.7	51.3	14 600	50.0
52.0																			22.9	47.2	13 800	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	41 600													26.0
28.0	49.0	67.0	27 900 *	55.4	69.3	33 100 *	59.1	70.2	37 100 *													28.0
30.0	44.6	65.1	25 300 *	51.5	67.8	29 600 *	55.3	68.9	32 900 *	61.2	70.2	33 100										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	30 500										32.0
34.0	34.7	60.1	21 200 *	42.9	64.0	24 400 *	47.2	65.6	26 700 *	53.7	67.6	28 200										34.0
36.0	28.6	56.8	19 500 *	38.0	61.6	22 300 *	42.7	63.6	24 300 *	49.6	65.9	26 200	55.8	67.3	24 900							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	24 500	51.9	65.8	23 200							38.0
40.0				25.9	55.0	18 900 *	32.2	58.2	20 500 *	40.7	61.9	22 900	47.7	64.1	21 700							40.0
42.0				17.1	49.8	17 600 *	25.6	54.5	18 900 *	35.6	59.3	21 400	43.3	62.1	20 400	49.8	63.7	19 300				42.0
44.0							16.7	49.2	17 500 *	29.6	56.1	19 800 *	38.4	59.7	19 200	45.5	61.9	18 100				44.0
46.0										22.3	51.9	18 300 *	33.0	56.9	18 000	40.9	59.7	17 000	47.4	61.2	16 100	46.0
48.0													26.6	53.3	17 000	35.8	57.1	16 100	43.0	59.1	15 200	48.0
50.0													18.1	48.3	16 100	29.9	53.9	15 200	38.1	56.8	14 300	50.0
52.0																22.7	49.8	14 400	32.6	53.9	13 600	52.0
54.0																			26.0	50.2	12 800	54.0
56.0																			17.3	45.0	12 200	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	41 500													26.0
28.0	52.7	71.0	27 900 *	58.4	72.9	33 200 *	61.7	73.8	37 100 *													28.0
30.0	49.0	69.3	25 300 *	55.0	71.6	29 800 *	58.3	72.6	32 900 *													30.0
32.0	45.0	67.4	23 100 *	51.3	70.1	26 900 *	54.8	71.2	29 500 *	60.3	72.5	30 300										32.0
34.0	40.7	65.2	21 200 *	47.5	68.3	24 500 *	51.2	69.7	26 700 *	56.9	71.3	28 100										34.0
36.0	35.9	62.6	19 500 *	43.4	66.3	22 400 *	47.3	67.9	24 300 *	53.3	69.9	26 100										36.0
38.0	30.6	59.5	18 000 *	38.9	64.0	20 500 *	43.2	65.9	22 200 *	49.6	68.2	24 300	55.3	69.7	23 100							38.0
40.0	24.2	55.5	16 700 *	34.0	61.2	18 900 *	38.8	63.6	20 400 *	45.6	66.4	22 800	51.7	68.1	21 600							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	21 400	47.8	66.4	20 300							42.0
44.0				21.2	53.4	16 300 *	28.1	57.4	17 500 *	36.8	61.7	19 900 *	43.8	64.4	19 000	49.7	66.0	18 000				44.0
46.0							20.9	52.9	16 200 *	31.5	58.7	18 300 *	39.3	62.1	17 900	45.8	64.2	17 000				46.0
48.0										25.3	54.9	17 000 *	34.5	59.4	16 900	41.6	62.0	16 000				48.0
50.0										17.1	49.6	15 800 *	28.9	56.1	16 000	36.9	59.5	15 100	43.5	61.5	14 200	50.0
52.0													22.0	51.8	15 200	31.7	56.6	14 300	39.0	59.1	13 400	52.0
54.0																25.6	52.8	13 500	34.1	56.4	12 700	54.0
56.0																17.5	47.6	12 800	28.4	53.0	12 100	56.0
58.0																			21.4	48.6	11 500	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	41 300													26.0
28.0	55.8	74.7	27 700 *	60.9	76.5	33 000 *	63.9	77.2	37 200 *													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	30 100										32.0
34.0	45.3	69.7	21 000 *	51.1	72.4	24 300 *	54.4	73.5	26 600 *	59.5	74.9	27 800										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	25 900										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	24 100										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	22 600	54.8	72.0	21 300							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	21 200	51.5	70.4	20 000							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	19 600 *	47.9	68.7	18 800							44.0
46.0				24.2	56.5	14 900 *	30.0	60.1	16 000 *	37.7	64.1	18 100 *	44.1	66.8	17 700	49.7	68.3	16 700				46.0
48.0				16.3	50.9	13 900 *	24.0	56.0	14 900 *	33.0	61.3	16 700 *	40.1	64.5	16 700	46.0	66.5	15 800				48.0
50.0							15.9	50.4	13 900 *	27.6	57.8	15 500 *	35.7	61.9	15 800	42.1	64.4	14 900				50.0
52.0										21.0	53.2	14 500 *	30.7	58.8	15 000	37.9	62.0	14 100	43.9	63.8	13 200	52.0
54.0													24.8	54.9	14 200	33.2	59.1	13 300	39.8	61.5	12 500	54.0
56.0													17.1	49.5	13 400	27.9	55.6	12 600	35.3	58.9	11 900	56.0
58.0																21.3	51.2	12 000	30.3	55.7	11 300	58.0
60.0																			24.4	51.7	10 700	60.0
62.0																			16.5	46.2	10 100	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	37 200													28.0
30.0	55.4	77.1	25 300 *	60.2	78.8	29 900 *	62.9	79.6	33 300 *													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	26 800 *	61.8	78.4	27 600										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	25 700										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	23 900										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	22 300										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	21 000	54.5	74.3	19 800							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	19 700	51.3	72.8	18 600							44.0
46.0	22.8	57.0	13 400 *	31.8	63.1	15 000 *	36.2	65.7	16 100 *	42.5	68.9	18 200 *	48.0	71.0	17 500							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	16 500	49.6	70.6	15 500				48.0
50.0				20.1	54.7	13 000 *	26.3	59.0	14 000 *	34.3	63.8	15 600 *	40.8	66.9	15 600	46.2	68.8	14 600				50.0
52.0							19.8	54.2	13 000 *	29.5	60.5	14 600 *	36.7	64.3	14 800	42.6	66.7	13 900				52.0
54.0										23.8	56.4	13 600 *	32.2	61.4	14 000	38.7	64.3	13 100	44.2	66.1	12 300	54.0
56.0										16.3	50.8	12 600 *	27.1	57.8	13 300	34.5	61.6	12 500	40.5	63.9	11 600	56.0
58.0													20.8	53.1	12 600	29.7	58.4	11 800	36.4	61.3	11 000	58.0
60.0																24.1	54.3	11 200	31.9	58.3	10 500	60.0
62.0																16.7	48.8	10 600	26.7	54.7	9 900	62.0
64.0																			20.2	49.9	9 400	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	25 400										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	23 700										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	22 100										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	20 700										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	19 500	54.1	76.6	18 300							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	17 300							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	16 300							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	15 400	49.6	72.9	14 400				50.0
52.0				22.9	58.0	12 000 *	28.2	61.8	12 800 *	35.4	66.3	14 400 *	41.3	69.2	14 500	46.4	71.1	13 600				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	13 800	43.1	69.0	12 900				54.0
56.0							15.3	51.5	11 200 *	26.1	59.4	12 500 *	33.5	63.9	13 100	39.5	66.7	12 200	44.5	68.4	11 400	56.0
58.0										19.9	54.6	11 700 *	28.9	60.5	12 400	35.6	64.1	11 600	41.1	66.2	10 800	58.0
60.0													23.5	56.4	11 800	31.2	61.0	11 000	37.3	63.7	10 200	60.0
62.0													16.4	50.7	11 200	26.3	57.3	10 400	33.2	60.9	9 700	62.0
64.0																20.2	52.5	9 900	28.5	57.4	9 200	64.0
68.0																			15.8	47.4	8 300	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	32 500 *													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	23 500										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	22 000										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	20 600										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	19 300										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	17 100							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	16 100							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	15 200							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	14 200 *	45.0	73.7	14 400	49.6	75.2	13 500				52.0
54.0	14.3	52.1	9 400 *	25.1	61.0	11 100 *	29.8	64.5	11 800 *	36.3	68.7	13 200 *	41.8	71.6	13 600	46.6	73.4	12 700				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	12 900	43.4	71.4	12 100				56.0
58.0							18.9	55.5	10 400 *	27.9	62.2	11 500 *	34.6	66.4	12 300	40.1	69.1	11 400	44.8	70.7	10 700	58.0
60.0										22.6	57.9	10 800 *	30.4	63.2	11 700	36.5	66.5	10 900	41.6	68.6	10 100	60.0
62.0										15.7	52.0	10 100 *	25.6	59.4	11 100	32.5	63.6	10 300	38.1	66.1	9 600	62.0
64.0													19.8	54.5	10 400	28.1	60.1	9 800	34.3	63.4	9 100	64.0
68.0																16.1	50.0	8 900	25.2	56.2	8 200	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	28 800 *													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	21 800 *													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	21 800										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	20 400										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	19 100										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	17 700 *	56.1	82.7	16 900							46.0
48.0	36.5	72.0	12 000 *	41.9	75.7	13 400 *	44.9	77.5	14 400 *	49.4	79.7	16 300 *	53.6	81.2	15 900							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	15 000							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	14 200	52.2	79.2	13 200				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	13 400	49.5	77.5	12 500				54.0
56.0	18.0	56.2	8 900 *	27.0	63.9	10 100 *	31.2	67.1	10 800 *	37.1	71.1	12 100 *	42.2	73.9	12 700	46.7	75.7	11 800				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	12 100	43.8	73.7	11 200				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	11 400	40.6	71.5	10 600	45.1	73.1	9 900	60.0
62.0							14.8	52.7	8 800 *	24.8	61.0	9 800 *	31.7	65.8	10 900	37.3	68.9	10 100	42.0	70.9	9 400	62.0
64.0										19.1	55.9	9 200 *	27.4	62.2	10 200	33.6	66.1	9 600	38.7	68.5	8 900	64.0
68.0													15.8	51.9	8 900 *	25.0	58.8	8 700	31.4	62.8	8 000	68.0
72.0																			21.9	54.6	7 200	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	26 800 *													32.0
34.0	58.8	89.0	20 500 *	62.5	90.6	23 900 *	64.7	91.2	25 500 *													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	21 600										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	20 200										42.0
44.0	46.3	81.2	13 600 *	50.6	83.9	15 400 *	53.0	85.1	16 600 *	56.9	86.6	18 900										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	15 700							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	14 800							50.0
52.0	33.9	71.6	10 200 *	39.3	75.7	11 400 *	42.2	77.7	12 300 *	46.7	80.2	13 800 *	50.8	82.0	14 000							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	13 200	52.1	81.5	12 300				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	12 500	49.5	79.8	11 600				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	11 900	46.8	78.0	11 000				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	11 300	44.0	76.0	10 400				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	9 900	45.3	75.4	9 100	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	9 400	42.4	73.3	8 700	64.0
68.0										15.2	53.2	7 800 *	24.4	60.9	8 700 *	30.9	65.4	8 500	36.1	68.3	7 800	68.0
72.0																21.8	57.2	7 600	28.6	61.9	7 000	72.0
76.0																			18.5	52.5	6 300	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	23 500 *													34.0
36.0	58.4	91.4	18 500 *	61.9	93.0	20 800 *	63.9	93.6	22 100 *													36.0
38.0	56.1	90.1	17 000 *	59.7	91.8	19 500 *	61.8	92.6	20 800 *													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	17 800 *	60.9	91.4	20 000										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	18 700										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	14 500							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	13 500 *	53.1	85.8	13 800							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	12 500 *	50.7	84.3	13 000							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	12 300							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	11 600	49.5	82.1	10 800				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	11 000	46.9	80.3	10 200				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	10 400	44.3	78.3	9 700				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	9 200	45.5	77.7	8 400	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	8 300	39.9	73.3	7 600	68.0
72.0													21.4	59.2	7 300 *	28.2	64.5	7 500	33.5	67.8	6 800	72.0
76.0																18.6	55.1	6 700	25.8	60.7	6 100	76.0
80.0																			14.8	49.7	5 500	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	58 800 b													20.0
22.0	32.5	53.8	38 000 *	47.5	57.9	48 400 *	54.8	59.3	52 100 b													22.0
24.0	19.8	49.6	33 800 *	39.5	55.7	42 000 *	47.8	57.6	46 700	59.4	59.4	44 600 b										24.0
26.0							39.9	55.5	42 200	52.9	58.0	40 300										26.0
28.0							30.3	52.5	37 100 *	45.7	56.3	36 800										28.0
30.0							16.0	47.6	33 000 *	37.4	53.9	33 700	50.6	56.4	32 200							30.0
32.0										27.0	50.6	31 100	43.1	54.5	29 700							32.0
34.0													34.3	51.9	27 400	47.8	54.4	26 100				34.0
36.0													22.6	48.0	25 500	39.9	52.2	24 300				36.0
38.0																30.3	49.2	22 700				38.0
40.0																			35.9	49.3	20 200	40.0
42.0																			24.9	45.8	18 900	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	58 700 b													20.0
22.0	42.6	58.9	38 200 *	53.8	61.9	48 600 *	59.8	62.9	51 900 b													22.0
24.0	35.0	56.4	33 900 *	47.7	60.2	42 200 *	54.1	61.6	46 500													24.0
26.0	25.3	52.8	30 400 *	40.8	58.0	37 100 *	48.0	59.9	42 100	58.2	61.8	40 100										26.0
28.0				32.8	55.3	33 000 *	41.2	57.8	37 300 *	52.4	60.3	36 600										28.0
30.0				22.3	51.3	29 700 *	33.2	55.1	33 200 *	46.1	58.6	33 500										30.0
32.0							22.9	51.2	29 800 *	39.0	56.3	30 900	50.4	58.7	29 400							32.0
34.0										30.6	53.3	28 700	43.9	56.8	27 200							34.0
36.0										18.9	48.8	26 600	36.4	54.3	25 400	48.0	56.7	24 000				36.0
38.0													27.3	51.0	23 700	41.2	54.6	22 400				38.0
40.0																33.2	51.8	21 000				40.0
42.0																22.9	47.9	19 700	45.0	54.1	19 900	42.0
44.0																			37.8	51.8	18 700	44.0
																			29.0	48.6	17 500	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	51 800 b													22.0
24.0	43.4	61.3	34 000 *	53.3	64.2	42 300 *	58.6	65.3	46 400													24.0
26.0	36.8	58.8	30 500 *	47.8	62.5	37 200 *	53.5	63.9	41 900	62.1	65.3	39 900										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	36 400										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	33 400										30.0
32.0				26.6	54.3	26 900 *	35.3	57.6	29 800 *	46.4	60.9	30 800	55.5	62.6	29 200							32.0
34.0							27.0	54.2	27 000 *	40.2	58.7	28 500	50.2	61.0	27 000							34.0
36.0							14.8	48.7	24 600 *	33.1	55.9	26 500	44.5	59.1	25 200							36.0
38.0										24.1	52.1	24 800	38.0	56.8	23 500	48.1	59.0	22 300				38.0
40.0													30.4	53.7	22 000	42.1	56.9	20 800				40.0
42.0													20.4	49.4	20 600	35.3	54.3	19 500	45.5	56.4	18 500	42.0
44.0																27.0	50.9	18 400	39.2	54.2	17 300	44.0
46.0																			31.8	51.3	16 400	46.0
48.0																			22.4	47.2	15 400	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	51 600													22.0
24.0	49.2	65.5	34 000 *	57.5	67.9	42 300 *	62.1	68.8	46 200													24.0
26.0	44.0	63.6	30 400 *	52.9	66.5	37 200 *	57.7	67.6	41 700													26.0
28.0	38.2	61.2	27 500 *	48.0	64.8	33 000 *	53.1	66.2	37 500 *	60.8	67.7	36 200										28.0
30.0	31.5	58.3	24 900 *	42.6	62.7	29 700 *	48.2	64.5	33 200 *	56.4	66.4	33 100										30.0
32.0	23.0	54.3	22 800 *	36.6	60.3	26 800 *	42.8	62.5	29 800 *	51.7	65.0	30 500										32.0
34.0				29.6	57.1	24 400 *	36.9	60.0	26 900 *	46.7	63.2	28 300	54.9	64.9	26 800							34.0
36.0				20.4	52.7	22 300 *	29.9	56.9	24 500 *	41.2	61.1	26 300	50.1	63.3	24 900							36.0
38.0							20.9	52.6	22 400 *	35.0	58.4	24 600	44.9	61.4	23 300							38.0
40.0										27.6	55.0	23 000	39.3	59.2	21 800	48.2	61.3	20 600				40.0
42.0										17.5	50.0	21 500	32.7	56.3	20 400	42.8	59.2	19 300				42.0
44.0													24.7	52.6	19 200	36.9	56.8	18 200				44.0
46.0																29.9	53.7	17 100	40.3	56.5	16 100	46.0
48.0																20.9	49.3	16 100	33.9	53.8	15 200	48.0
50.0																			26.2	50.3	14 400	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	46 000													24.0
26.0	49.2	67.8	31 200 *	56.8	70.2	38 200 *	61.0	71.2	41 500													26.0
28.0	44.5	65.9	28 200 *	52.5	68.8	33 900 *	56.9	70.0	37 800													28.0
30.0	39.3	63.6	25 600 *	48.1	67.1	30 400 *	52.7	68.5	34 200 *	59.8	70.1	32 900										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	30 300										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	28 100										34.0
36.0	16.8	52.0	19 500 *	31.8	59.7	22 900 *	38.1	62.5	25 100 *	46.9	65.5	26 100	54.4	67.2	24 700							36.0
38.0				24.4	55.9	21 000 *	32.1	59.5	23 000 *	42.0	63.4	24 400	50.0	65.6	23 000							38.0
40.0							24.7	55.7	21 100 *	36.5	60.9	22 800	45.3	63.7	21 500							40.0
42.0							14.1	49.8	19 400 *	30.1	57.8	21 400	40.2	61.5	20 200	48.3	63.6	19 100				42.0
44.0										22.2	53.6	20 100	34.5	58.9	19 000	43.4	61.6	17 900				44.0
46.0													27.8	55.5	17 900	38.1	59.2	16 900	46.1	61.1	15 900	46.0
48.0													18.9	50.7	16 900	32.1	56.3	15 900	41.1	58.9	15 000	48.0
50.0																24.7	52.5	15 000	35.5	56.3	14 100	50.0
52.0																			29.0	53.1	13 400	52.0
54.0																			20.7	48.6	12 700	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	41 300													26.0
28.0	49.2	70.1	28 000 *	56.1	72.6	33 700 *	60.0	73.6	37 600													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	30 100										32.0
34.0	34.9	63.3	21 300 *	43.7	67.4	24 800 *	48.3	69.1	27 400 *	55.2	71.1	27 800										34.0
36.0	28.9	60.1	19 600 *	38.9	65.1	22 700 *	43.9	67.2	24 900 *	51.3	69.6	25 900										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	24 200	53.9	69.5	22 800							38.0
40.0				27.2	58.8	19 200 *	33.8	62.1	20 900 *	42.6	65.7	22 600	49.9	67.9	21 300							40.0
42.0				19.0	54.0	17 800 *	27.5	58.6	19 300 *	37.7	63.3	21 200	45.6	66.1	20 000							42.0
44.0							19.5	53.9	17 900 *	32.1	60.4	19 900	41.0	63.9	18 800	48.3	65.9	17 700				44.0
46.0										25.5	56.6	18 800	35.9	61.3	17 700	43.9	63.9	16 600				46.0
48.0										16.4	51.2	17 500 *	30.1	58.2	16 700	39.1	61.6	15 700	46.4	63.4	14 700	48.0
50.0													22.9	54.0	15 800	33.8	58.8	14 800	41.8	61.3	13 900	50.0
52.0																27.5	55.4	14 000	36.8	58.8	13 100	52.0
54.0																19.5	50.6	13 300	31.1	55.7	12 400	54.0
56.0																			24.2	51.8	11 800	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	41 200													26.0
28.0	52.9	74.1	28 100 *	59.1	76.2	33 900 *	62.5	77.0	37 500													28.0
30.0	49.2	72.4	25 500 *	55.6	74.9	30 400 *	59.2	75.9	33 900													30.0
32.0	45.2	70.5	23 200 *	52.0	73.4	27 400 *	55.8	74.6	30 300 *	61.6	75.9	29 900										32.0
34.0	40.9	68.4	21 300 *	48.2	71.7	24 900 *	52.2	73.1	27 400 *	58.2	74.8	27 700										34.0
36.0	36.2	65.8	19 600 *	44.2	69.7	22 700 *	48.4	71.4	24 900 *	54.7	73.4	25 800										36.0
38.0	30.9	62.7	18 100 *	39.8	67.5	20 900 *	44.3	69.5	22 700 *	51.1	71.9	24 000										38.0
40.0	24.5	58.8	16 800 *	35.0	64.8	19 300 *	40.0	67.2	20 800 *	47.2	70.1	22 500	53.6	71.8	21 200							40.0
42.0	16.0	53.2	15 400 *	29.4	61.5	17 800 *	35.2	64.6	19 200 *	43.1	68.1	21 100	49.8	70.2	19 900							42.0
44.0				22.7	57.3	16 500 *	29.7	61.3	17 800 *	38.6	65.7	19 800	45.9	68.4	18 700							44.0
46.0							23.0	57.2	16 500 *	33.7	62.9	18 700	41.7	66.2	17 600	48.4	68.2	16 500				46.0
48.0							13.5	50.9	15 300 *	27.9	59.5	17 500 *	37.1	63.8	16 600	44.3	66.2	15 600				48.0
50.0										20.7	54.9	16 200 *	31.9	60.8	15 700	40.0	64.0	14 700				50.0
52.0													25.8	57.1	14 900	35.2	61.3	13 900	42.4	63.6	13 000	52.0
54.0													17.8	51.9	14 100	29.7	58.1	13 200	37.9	61.2	12 300	54.0
56.0																23.0	54.0	12 500	32.8	58.3	11 700	56.0
58.0																			26.9	54.7	11 100	58.0
60.0																			19.4	49.9	10 500	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	41 000													26.0
28.0	56.0	77.9	27 900 *	61.5	79.7	33 700 *	64.7	80.5	37 300													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	27 300 *	60.8	78.3	27 500										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	25 500										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	23 800										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	22 300	56.5	75.6	20 900							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	20 900	53.2	74.1	19 600							42.0
44.0	20.1	57.0	14 300 *	31.2	64.2	16 300 *	36.3	67.0	17 600 *	43.6	70.4	19 600	49.8	72.5	18 400							44.0
46.0				25.4	60.4	15 100 *	31.4	64.0	16 300 *	39.5	68.1	18 500	46.1	70.7	17 400	51.9	72.2	16 300				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	16 400	48.4	70.5	15 300				48.0
50.0							18.4	55.1	14 200 *	29.9	62.2	16 000 *	38.0	66.2	15 500	44.7	68.5	14 500				50.0
52.0										23.8	58.2	14 900 *	33.4	63.3	14 700	40.7	66.3	13 700	46.8	68.0	12 800	52.0
54.0										15.7	52.4	13 900 *	28.0	59.9	13 900	36.3	63.8	13 000	42.9	65.9	12 100	54.0
56.0													21.5	55.4	13 200	31.4	60.7	12 300	38.8	63.6	11 400	56.0
58.0																25.7	57.0	11 700	34.2	60.8	10 900	58.0
60.0																18.4	51.9	11 100	29.0	57.5	10 300	60.0
62.0																			22.7	53.3	9 800	62.0
64.0																			13.9	47.0	9 300	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	37 100													28.0
30.0	55.5	80.2	25 500 *	60.7	82.1	30 500 *	63.7	82.9	33 900													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	25 300										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	23 600										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	22 000										40.0
42.0	33.8	67.8	15 500 *	41.1	72.2	17 700 *	45.0	74.1	19 200 *	50.8	76.5	20 700	56.1	77.9	19 400							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	19 400	53.0	76.4	18 200							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	18 300	49.7	74.8	17 100							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	17 300	46.3	73.0	16 200	51.7	74.5	15 100				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	15 300	48.5	72.8	14 300				50.0
52.0							21.7	58.6	13 200 *	31.5	64.8	15 000 *	38.9	68.6	14 400	45.0	70.8	13 500				52.0
54.0							13.1	52.0	12 200 *	26.2	61.1	13 900 *	34.6	65.8	13 700	41.3	68.7	12 700				54.0
56.0										19.6	56.3	13 000 *	29.9	62.6	13 000	37.3	66.2	12 100	43.4	68.2	11 200	56.0
58.0													24.2	58.6	12 300	32.9	63.3	11 500	39.5	65.9	10 600	58.0
60.0													16.9	53.1	11 700	27.8	59.8	10 900	35.4	63.3	10 100	60.0
62.0																21.7	55.4	10 300	30.7	60.2	9 600	62.0
64.0																13.1	48.8	9 800	25.3	56.3	9 100	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	33 700													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	22 700 *	59.4	83.0	23 300										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	21 800										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	20 400										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	19 200	55.6	80.2	18 000							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	18 100	52.7	78.7	16 900							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	17 000	49.7	77.1	15 900							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	15 000							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	14 200	48.5	75.1	13 200				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	13 500	45.2	73.2	12 500				54.0
56.0							17.5	56.4	11 400 *	28.1	63.9	12 800 *	35.7	68.3	12 800	41.8	71.0	11 900				56.0
58.0										22.5	59.6	12 000 *	31.4	65.2	12 100	38.1	68.6	11 200	43.7	70.6	10 400	58.0
60.0										15.1	53.6	11 200 *	26.4	61.5	11 500	34.1	65.8	10 700	40.2	68.3	9 800	60.0
62.0													20.4	56.8	10 900	29.6	62.5	10 100	36.3	65.7	9 300	62.0
64.0													11.6	49.6	10 400	24.3	58.5	9 600	32.1	62.7	8 800	64.0
68.0																			21.5	54.7	8 000	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	24 800 *													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	21 700										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	20 300										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	19 100										44.0
46.0	35.9	72.8	13 100 *	42.1	76.9	14 900 *	45.5	78.7	16 100 *	50.6	81.1	17 900	55.3	82.5	16 800							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	16 900	52.5	81.1	15 800							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	14 900							50.0
52.0	22.0	61.7	10 700 *	30.8	68.6	12 000 *	35.1	71.5	12 900 *	41.3	75.2	14 700 *	46.7	77.6	14 100	51.4	79.1	13 100				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	13 400	48.5	77.4	12 400				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	12 600	45.5	75.5	11 700				56.0
58.0							20.7	60.0	10 500 *	29.7	66.6	11 800 *	36.6	70.7	12 000	42.3	73.4	11 100	47.2	74.9	10 300	58.0
60.0							12.8	53.1	9 700 *	24.8	62.7	11 100 *	32.6	67.8	11 400	38.8	71.0	10 500	44.1	72.9	9 700	60.0
62.0										18.7	57.6	10 300 *	28.2	64.3	10 800	35.1	68.3	10 000	40.7	70.7	9 200	62.0
64.0										9.3	49.3	9 700 *	23.0	60.1	10 300	31.0	65.2	9 500	37.2	68.2	8 800	64.0
68.0																20.7	56.7	8 600	29.0	61.9	7 900	68.0
72.0																17.6	52.4	7 100	17.6	52.4	7 100	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	29 000 *													32.0
34.0	57.0	88.5	20 800 *	61.3	90.3	24 500 *	63.7	91.1	27 300 *													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	20 400 *	60.7	88.9	21 400										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	20 100										42.0
44.0	43.3	80.0	13 900 *	48.4	83.2	15 900 *	51.3	84.6	17 200 *	55.8	86.4	18 800										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	17 700	57.5	86.2	16 500							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	16 700	54.9	84.9	15 600							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	14 700							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	14 400 *	49.6	81.7	13 800							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	13 100	51.3	81.4	12 100				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	12 400	48.5	79.7	11 500				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	11 800	45.7	77.8	10 900				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	11 200	42.7	75.7	10 300				60.0
62.0							16.9	57.6	9 000 *	26.7	65.6	10 100 *	33.7	70.3	10 600	39.5	73.4	9 800	44.3	75.2	9 000	62.0
64.0							5.8	47.3	7 900 *	21.5	61.0	9 400 *	29.7	67.0	10 100	36.0	70.7	9 300	41.2	73.0	8 500	64.0
68.0													19.5	58.1	9 100	28.0	64.2	8 400	34.4	67.8	7 600	68.0
72.0																16.9	54.4	7 500	25.9	60.8	6 900	72.0
76.0																			13.2	49.3	6 200	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	27 000 *													32.0
34.0	59.0	92.1	20 600 *	62.9	93.8	24 300 *	65.2	94.5	25 800 *													34.0
36.0	56.6	90.8	18 800 *	60.7	92.7	22 100 *	63.0	93.5	24 200 *													36.0
38.0	54.2	89.4	17 300 *	58.4	91.5	20 100 *	60.8	92.4	22 200 *													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	21 200										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	19 900										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	18 700										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	17 500										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	16 500	57.0	88.5	15 400							48.0
50.0	37.5	77.6	10 900 *	42.9	81.5	12 400 *	45.9	83.3	13 400 *	50.4	85.7	15 400 *	54.6	87.2	14 500							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	13 700							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	12 900							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	12 200	51.2	83.7	11 300				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	11 600	48.6	82.0	10 700				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	11 000	45.9	80.1	10 100				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	10 400	43.0	78.0	9 600				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	9 900	40.0	75.7	9 100	44.6	77.5	8 300	64.0
68.0										18.0	58.8	8 000 *	26.8	66.0	8 900	33.3	70.3	8 200	38.6	73.0	7 400	68.0
72.0													15.7	55.5	7 900 *	25.1	63.0	7 400	31.6	67.2	6 700	72.0
76.0																12.5	51.0	6 700	22.9	59.3	6 000	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	23 700 *													34.0
36.0	58.5	94.5	18 600 *	62.3	96.2	21 100 *	64.5	96.9	22 400 *													36.0
38.0	56.2	93.2	17 000 *	60.1	95.1	19 800 *	62.4	95.9	21 100 *													38.0
40.0	53.9	91.8	15 700 *	57.9	93.8	18 200 *	60.2	94.8	19 800 *													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	19 700										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	18 400										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	17 300										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	16 300										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	14 200							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	13 400							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	12 700							54.0
56.0	31.5	74.2	8 600 *	37.3	79.1	9 800 *	40.5	81.3	10 500 *	45.3	84.3	12 000 *	49.5	86.3	12 000							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	11 400	51.1	86.0	10 400				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	10 300 *	44.4	82.5	10 800	48.6	84.3	9 900				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	10 200	46.0	82.4	9 300				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	9 700	43.3	80.3	8 800	47.5	81.8	8 000	64.0
68.0							16.3	58.8	6 900 *	25.5	67.2	7 800 *	32.1	72.2	8 700	37.5	75.6	8 000	42.1	77.7	7 200	68.0
72.0										14.2	55.8	6 800 *	24.0	64.6	7 600 *	30.7	69.6	7 100	36.1	72.7	6 500	72.0
76.0													11.3	51.8	6 600 *	22.1	61.4	6 400	29.0	66.3	5 800	76.0
80.0																			19.7	57.4	5 200	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	58 400 b													20.0
22.0	33.0	57.1	38 300 *	48.9	61.2	49 800 *	56.5	62.7	51 700 b													22.0
24.0	20.7	52.9	34 000 *	41.1	59.2	43 000 *	49.7	61.1	46 400													24.0
26.0				31.8	56.3	37 800 *	42.1	59.1	42 000	55.5	61.6	39 800 b										26.0
28.0				18.7	51.9	33 500 *	33.1	56.4	38 100	48.6	60.0	36 300										28.0
30.0							20.8	52.3	34 100 *	40.8	57.9	33 300	54.2	60.1	31 500							30.0
32.0										31.5	55.0	30 700	47.1	58.4	29 100							32.0
34.0													39.1	56.2	27 000							34.0
36.0													29.3	53.1	25 100	45.1	56.4	23 700				36.0
38.0													13.9	47.8	23 300	36.8	54.0	22 100				38.0
40.0																26.1	50.6	20 600	42.5	53.9	19 500	40.0
42.0																			33.6	51.3	18 300	42.0
44.0																			21.6	47.3	17 200	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	58 200 b													20.0
22.0	43.0	62.1	38 500 *	54.9	65.2	50 100 *	61.2	66.2	51 500 b													22.0
24.0	35.4	59.6	34 100 *	48.9	63.5	43 200 *	55.6	65.0	46 200													24.0
26.0	25.9	56.1	30 600 *	42.2	61.5	38 000 *	49.6	63.4	41 800	60.4	65.2	39 600 b										26.0
28.0				34.4	58.9	33 700 *	43.0	61.4	38 000	54.7	63.9	36 100										28.0
30.0				24.6	55.2	30 200 *	35.5	58.9	34 300 *	48.7	62.3	33 100										30.0
32.0				4.8	47.1	27 000 *	26.0	55.4	30 600 *	41.9	60.2	30 500	53.5	62.4	28 800							32.0
34.0										34.1	57.6	28 300	47.4	60.7	26 700							34.0
36.0										24.2	53.8	26 300	40.5	58.6	24 900							36.0
38.0													32.4	55.8	23 200	45.7	58.7	21 800				38.0
40.0													21.7	51.7	21 700	38.5	56.4	20 400				40.0
42.0																29.9	53.4	19 200	43.4	56.3	18 000	42.0
44.0																17.9	48.7	18 000	35.9	53.8	16 900	44.0
46.0																			26.6	50.3	16 000	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	51 400 b													22.0
24.0	43.7	64.4	34 200 *	54.3	67.5	43 400 *	59.9	68.6	46 000													24.0
26.0	37.2	62.0	30 600 *	48.9	65.8	38 100 *	54.9	67.3	41 600													26.0
28.0	29.4	58.9	27 700 *	43.0	63.8	33 800 *	49.6	65.7	37 900	59.2	67.6	35 900										28.0
30.0	18.8	54.2	25 100 *	36.3	61.4	30 300 *	43.7	63.8	34 300	54.1	66.2	32 900										30.0
32.0				28.3	58.1	27 400 *	37.2	61.3	30 700 *	48.7	64.6	30 300										32.0
34.0				17.1	53.1	24 800 *	29.4	58.2	27 700 *	42.8	62.6	28 100	53.0	64.7	26 500							34.0
36.0							18.8	53.6	25 200 *	36.1	60.0	26 200	47.5	63.0	24 600							36.0
38.0										28.0	56.7	24 400	41.5	60.9	23 000							38.0
40.0													34.6	58.3	21 500	46.0	61.0	20 200				40.0
42.0													26.1	54.8	20 200	39.8	58.8	19 000				42.0
44.0													13.1	48.9	19 000	32.6	56.0	17 800	44.1	58.6	16 700	44.0
46.0																23.4	52.1	16 800	37.6	56.2	15 700	46.0
48.0																			29.9	53.1	14 900	48.0
50.0																			19.5	48.6	14 000	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	45 800													24.0
26.0	44.3	66.8	30 700 *	53.8	69.8	38 200 *	58.9	71.0	41 400													26.0
28.0	38.5	64.4	27 700 *	48.9	68.1	33 900 *	54.3	69.6	37 700													28.0
30.0	31.8	61.5	25 200 *	43.6	66.2	30 400 *	49.5	68.0	34 300	58.2	69.9	32 700										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	30 100										32.0
34.0				31.0	60.8	24 900 *	38.5	63.7	27 700 *	48.7	66.9	27 900										34.0
36.0				22.4	56.7	22 700 *	31.9	60.8	25 200 *	43.4	64.9	26 000	52.6	67.0	24 400							36.0
38.0				6.4	48.5	20 800 *	23.6	56.9	23 000 *	37.6	62.5	24 200	47.7	65.3	22 800							38.0
40.0										30.7	59.4	22 700	42.3	63.3	21 300	51.4	65.1	20 000				40.0
42.0										22.0	55.3	21 300	36.3	60.8	20 000	46.3	63.3	18 700				42.0
44.0													29.2	57.6	18 800	40.8	61.2	17 600				44.0
46.0													19.8	53.0	17 700	34.6	58.5	16 600	44.6	60.9	15 500	46.0
48.0																27.0	55.1	15 700	38.8	58.6	14 600	48.0
50.0																16.6	49.9	14 800	32.2	55.7	13 800	50.0
52.0																			24.1	51.9	13 000	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	45 600													24.0
26.0	49.4	71.0	31 400 *	57.5	73.5	39 100 *	62.0	74.5	41 200													26.0
28.0	44.7	69.1	28 300 *	53.3	72.1	34 700 *	58.0	73.3	37 500													28.0
30.0	39.6	66.8	25 700 *	48.9	70.4	31 000 *	53.9	71.9	34 400													30.0
32.0	33.7	64.1	23 500 *	44.1	68.5	28 000 *	49.5	70.3	31 400	57.4	72.2	29 900										32.0
34.0	26.8	60.5	21 600 *	38.9	66.2	25 500 *	44.7	68.4	28 300 *	53.2	70.8	27 700										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	25 700										36.0
38.0				25.9	59.7	21 400 *	33.8	63.4	23 500 *	44.0	67.2	24 000	52.3	69.3	22 500							38.0
40.0				16.0	54.3	19 500 *	26.9	59.9	21 600 *	38.7	64.9	22 500	47.8	67.6	21 100							40.0
42.0							17.5	54.8	19 900 *	32.8	62.0	21 100	43.0	65.6	19 800	51.2	67.4	18 500				42.0
44.0										25.6	58.4	19 800	37.6	63.2	18 600	46.6	65.6	17 400				44.0
46.0													31.5	60.2	17 500	41.6	63.5	16 400				46.0
48.0													23.9	56.3	16 500	36.1	61.0	15 400	45.0	63.2	14 400	48.0
50.0													12.6	50.0	15 600	29.7	57.8	14 600	39.9	61.0	13 600	50.0
52.0																21.6	53.5	13 800	34.1	58.3	12 900	52.0
54.0																			27.2	54.8	12 200	54.0
56.0																			18.1	49.8	11 500	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	41 000													26.0
28.0	49.4	73.3	28 100 *	56.8	75.8	34 500 *	61.0	76.9	37 300													28.0
30.0	45.1	71.4	25 500 *	53.0	74.4	30 800 *	57.3	75.6	34 200													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	29 600										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	27 400										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	25 500										36.0
38.0	21.8	59.0	18 200 *	34.6	65.9	21 200 *	40.4	68.5	23 300 *	48.8	71.5	23 800										38.0
40.0				28.5	62.5	19 500 *	35.3	65.9	21 400 *	44.4	69.5	22 300	52.0	71.6	20 800							40.0
42.0				20.8	58.0	18 000 *	29.3	62.6	19 700 *	39.7	67.3	20 900	47.9	69.9	19 500							42.0
44.0				7.3	49.7	15 900 *	21.9	58.3	18 200 *	34.4	64.6	19 600	43.5	67.9	18 300							44.0
46.0										28.3	61.2	18 500	38.7	65.6	17 300	46.8	68.0	16 100				46.0
48.0										20.5	56.6	17 400	33.2	62.8	16 300	42.3	65.9	15 200				48.0
50.0													26.9	59.2	15 400	37.3	63.4	14 400	45.3	65.5	13 300	50.0
52.0													18.5	54.3	14 600	31.7	60.4	13 600	40.7	63.3	12 600	52.0
54.0																25.0	56.6	12 900	35.5	60.7	11 900	54.0
56.0																15.6	51.0	12 200	29.6	57.5	11 300	56.0
58.0																			22.3	53.3	10 700	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	40 800													26.0
28.0	53.1	77.2	28 200 *	59.7	79.4	34 700 *	63.4	80.3	37 200													28.0
30.0	49.4	75.6	25 600 *	56.3	78.2	31 000 *	60.1	79.2	34 100													30.0
32.0	45.4	73.7	23 400 *	52.7	76.7	27 900 *	56.7	78.0	31 200	62.9	79.3	29 500										32.0
34.0	41.1	71.5	21 400 *	48.9	75.0	25 300 *	53.1	76.5	28 100 *	59.6	78.2	27 300										34.0
36.0	36.5	69.0	19 700 *	44.9	73.1	23 100 *	49.4	74.9	25 500 *	56.1	76.9	25 400										36.0
38.0	31.2	65.9	18 200 *	40.6	70.9	21 200 *	45.4	73.0	23 300 *	52.6	75.4	23 700										38.0
40.0	24.9	62.1	16 900 *	35.9	68.3	19 500 *	41.2	70.9	21 300 *	48.8	73.8	22 100	55.4	75.4	20 700							40.0
42.0	16.5	56.6	15 500 *	30.5	65.2	18 000 *	36.5	68.3	19 700 *	44.8	71.8	20 800	51.8	73.9	19 400							42.0
44.0				24.1	61.2	16 700 *	31.2	65.3	18 100 *	40.5	69.6	19 500	48.0	72.2	18 200							44.0
46.0				15.3	55.5	15 400 *	25.0	61.4	16 800 *	35.7	67.0	18 400	43.9	70.3	17 200	50.8	72.0	16 000				46.0
48.0							16.6	56.0	15 600 *	30.3	63.9	17 400	39.5	68.0	16 200	47.0	70.3	15 100				48.0
50.0										23.8	59.9	16 400	34.7	65.3	15 300	42.8	68.2	14 300				50.0
52.0													29.1	62.0	14 500	38.3	65.8	13 500	45.6	67.8	12 500	52.0
54.0													22.3	57.7	13 800	33.3	63.0	12 800	41.4	65.7	11 800	54.0
56.0													12.2	51.1	13 000	27.5	59.5	12 100	36.7	63.2	11 200	56.0
58.0																20.2	54.9	11 500	31.5	60.2	10 600	58.0
60.0																			25.3	56.4	10 100	60.0
62.0																			17.1	51.1	9 600	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	37 000													28.0
30.0	52.8	79.5	25 400 *	59.0	81.8	30 800 *	62.4	82.7	33 800													30.0
32.0	49.3	77.9	23 100 *	55.8	80.5	27 700 *	59.4	81.6	31 200													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	27 100										34.0
36.0	41.7	73.9	19 500 *	48.9	77.3	22 900 *	52.8	78.8	25 400 *	58.9	80.5	25 100										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	23 400										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	21 900										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	20 600	55.0	77.8	19 200							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	19 300	51.6	76.2	18 000							44.0
46.0				26.6	64.2	15 300 *	32.8	67.8	16 700 *	41.1	72.0	18 200	48.1	74.5	17 000							46.0
48.0				19.6	59.4	14 300 *	27.3	64.3	15 500 *	36.8	69.5	17 200	44.3	72.6	16 000	50.7	74.3	14 800				48.0
50.0				7.8	50.8	12 700 *	20.6	59.7	14 400 *	32.0	66.5	16 200	40.3	70.3	15 100	47.1	72.6	14 000				50.0
52.0										26.4	62.8	15 300 *	35.9	67.7	14 300	43.3	70.5	13 200				52.0
54.0										19.3	57.9	14 300 *	30.9	64.6	13 500	39.2	68.2	12 500	45.9	70.1	11 500	54.0
56.0													25.1	60.8	12 800	34.7	65.5	11 900	42.0	68.0	11 000	56.0
58.0													17.5	55.5	12 200	29.5	62.2	11 300	37.7	65.6	10 400	58.0
60.0																23.4	58.1	10 700	33.0	62.7	9 800	60.0
62.0																15.0	52.2	10 100	27.6	59.2	9 300	62.0
64.0																			21.0	54.7	8 800	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	36 800													28.0
30.0	55.7	83.3	25 600 *	61.3	85.3	31 100 *	64.4	86.1	33 600													30.0
32.0	52.6	81.8	23 300 *	58.3	84.1	28 000 *	61.6	85.1	31 000													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	25 600 *	61.2	84.1	24 900										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	23 200										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	21 700										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	20 300										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	19 100	54.6	80.1	17 800							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	18 000	51.4	78.5	16 700							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	17 000	48.1	76.8	15 700							48.0
50.0				22.7	62.7	13 400 *	29.2	67.1	14 500 *	37.7	71.9	16 000	44.6	74.9	14 900	50.6	76.6	13 800				50.0
52.0				14.7	56.6	12 400 *	23.5	62.9	13 500 *	33.4	69.0	15 200	40.9	72.7	14 100	47.2	74.9	13 000				52.0
54.0							15.8	57.2	12 600 *	28.4	65.6	14 300	36.9	70.2	13 300	43.7	72.9	12 300				54.0
56.0										22.5	61.3	13 400 *	32.4	67.2	12 600	39.9	70.6	11 600				56.0
58.0													27.3	63.7	12 000	35.8	68.0	11 000	42.5	70.4	10 100	58.0
60.0													21.1	59.1	11 400	31.2	64.9	10 500	38.6	68.0	9 600	60.0
62.0													12.0	52.1	10 800	25.8	61.1	10 000	34.3	65.2	9 100	62.0
64.0																19.1	56.2	9 500	29.5	62.0	8 700	64.0
68.0																			16.3	52.3	7 800	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	33 400													30.0
32.0	55.3	85.6	23 300 *	60.5	87.7	28 000 *	63.5	88.5	30 800													32.0
34.0	52.4	84.1	21 300 *	57.8	86.5	25 300 *	60.9	87.5	28 100 *													34.0
36.0	49.3	82.5	19 500 *	54.9	85.1	23 000 *	58.1	86.3	25 400 *													36.0
38.0	46.1	80.6	18 000 *	52.0	83.6	21 100 *	55.3	84.9	23 100 *	60.4	86.4	23 000										38.0
40.0	42.7	78.5	16 600 *	48.9	81.9	19 300 *	52.4	83.4	21 100 *	57.7	85.2	21 400										40.0
42.0	39.1	76.2	15 400 *	45.7	80.1	17 800 *	49.3	81.8	19 400 *	54.8	83.9	20 100										42.0
44.0	35.2	73.5	14 300 *	42.3	78.0	16 500 *	46.1	79.9	17 900 *	51.9	82.3	18 900										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	17 800	54.3	82.4	16 500							46.0
48.0	25.7	66.6	12 400 *	34.7	72.8	14 200 *	39.1	75.5	15 300 *	45.6	78.8	16 800	51.3	80.9	15 500							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	15 800	48.2	79.1	14 600							50.0
52.0				25.1	65.8	12 300 *	30.8	69.7	13 300 *	38.5	74.3	15 000	44.9	77.2	13 800	50.5	78.9	12 700				52.0
54.0				18.7	60.7	11 500 *	25.8	65.9	12 400 *	34.5	71.5	14 100	41.5	75.0	13 100	47.4	77.2	12 100				54.0
56.0				8.1	51.9	9 900 *	19.5	61.0	11 500 *	30.1	68.3	13 200 *	37.7	72.6	12 400	44.0	75.2	11 400				56.0
58.0										24.9	64.4	12 300 *	33.7	69.7	11 800	40.5	73.0	10 800	46.3	74.8	9 900	58.0
60.0										18.4	59.2	11 500 *	29.1	66.4	11 200	36.7	70.4	10 200	42.9	72.7	9 300	60.0
62.0													23.7	62.3	10 600	32.5	67.5	9 700	39.3	70.4	8 900	62.0
64.0													16.8	56.7	10 100	27.8	64.0	9 300	35.4	67.7	8 400	64.0
68.0																14.4	53.3	8 300	26.0	60.8	7 600	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	30 600													32.0
34.0	54.9	87.9	21 100 *	59.9	90.1	25 200 *	62.7	90.9	28 200													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	21 300										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	19 900										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	18 800										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	17 600	56.7	86.1	16 300							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	16 600	54.0	84.7	15 400							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	15 700	51.2	83.2	14 500							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	14 800	48.2	81.4	13 700							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	13 000	50.4	81.2	11 900				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	12 300	47.5	79.5	11 300				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	11 700	44.4	77.5	10 700				58.0
60.0							15.3	58.3	10 000 *	26.9	67.3	11 300 *	34.7	72.2	11 100	41.1	75.3	10 100	46.4	77.1	9 200	60.0
62.0										21.3	62.7	10 600 *	30.6	69.1	10 500	37.5	72.8	9 600	43.3	75.0	8 700	62.0
64.0										13.8	56.2	9 900 *	25.8	65.3	10 000	33.7	70.0	9 100	39.9	72.7	8 300	64.0
68.0													11.8	53.2	9 000	24.5	62.7	8 200	32.3	67.2	7 400	68.0
72.0																			22.6	59.3	6 700	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	29 200 *													32.0
34.0	57.1	91.6	20 900 *	61.7	93.6	24 900 *	64.4	94.4	27 800 *													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	22 900 *													38.0
40.0	49.3	87.1	16 200 *	54.3	89.8	19 000 *	57.2	90.9	20 900 *	61.6	92.3	21 100										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	19 700										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	18 500										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	17 400										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	16 400	56.3	88.4	15 100							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	15 500	53.7	87.0	14 300							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	14 600	51.0	85.5	13 500							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	12 700							54.0
56.0	18.7	63.0	9 100 *	28.7	71.4	10 400 *	33.3	74.8	11 200 *	39.8	79.0	12 800 *	45.4	81.8	12 000	50.3	83.5	11 000				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	11 400	47.5	81.8	10 400				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	10 800	44.6	79.8	9 900				60.0
62.0				8.4	53.1	7 900 *	18.7	62.3	9 100 *	28.5	70.0	10 400 *	35.7	74.7	10 300	41.5	77.7	9 400				62.0
64.0							10.1	54.3	8 500 *	23.7	65.9	9 700 *	31.9	71.7	9 800	38.3	75.2	8 900	43.6	77.4	8 000	64.0
68.0													22.6	63.8	8 800	30.8	69.3	8 000	37.1	72.6	7 200	68.0
72.0																21.1	60.9	7 200	29.4	66.4	6 500	72.0
76.0																			19.0	57.3	5 800	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	27 100 *													32.0
34.0	59.1	95.2	20 700 *	63.3	97.0	24 500 *	65.8	97.7	25 900 *													34.0
36.0	56.7	94.0	18 900 *	61.1	95.9	22 500 *	63.6	96.8	24 700 *													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	19 500										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	18 300										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	17 200										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	16 200										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	15 300	55.9	90.8	14 000							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	14 400	53.4	89.3	13 300							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	12 600							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	11 900							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	11 200	50.3	85.8	10 200				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	10 600	47.6	84.1	9 700				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	10 100	44.9	82.1	9 200				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	9 600	42.0	80.0	8 700	46.7	81.7	7 800	64.0
68.0										20.4	64.1	8 200 *	29.1	70.8	8 700	35.6	74.9	7 800	41.0	77.5	7 000	68.0
72.0													19.2	61.8	7 800	28.0	68.4	7 100	34.4	72.2	6 300	72.0
76.0																17.6	58.7	6 300	26.5	65.3	5 600	76.0
80.0																			15.2	54.6	5 000	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	23 900 *													34.0
36.0	58.6	97.6	18 600 *	62.7	99.4	21 300 *	65.0	100.2	22 700 *													36.0
38.0	56.4	96.3	17 100 *	60.5	98.3	20 100 *	62.9	99.2	21 400 *													38.0
40.0	54.1	94.9	15 800 *	58.3	97.1	18 500 *	60.8	98.1	20 200 *													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	17 100 *	60.5	97.1	18 100										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	16 900										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	16 000										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	15 000										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	14 200	55.6	93.1	13 000							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	12 300							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	11 600							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	11 400 *	48.3	88.3	11 000	52.6	89.8	10 000				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	10 400	50.2	88.1	9 400				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	9 900	47.7	86.4	8 900				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	9 300	45.1	84.4	8 400				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	8 400	39.4	80.0	7 500	44.2	82.0	6 700	68.0
72.0										17.0	61.7	6 900 *	26.3	69.7	7 600	33.0	74.5	6 800	38.4	77.4	6 000	72.0
76.0													15.6	59.1	6 800	25.2	67.2	6 100	31.9	71.6	5 400	76.0
80.0																13.7	55.6	5 500	23.7	63.9	4 800	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	58 000 b													20.0
22.0	33.6	60.3	38 500 *	50.2	64.6	51 400 *b	58.3	66.0	51 300 b													22.0
24.0	21.5	56.3	34 200 *	42.6	62.6	44 200 *	51.6	64.5	46 000													24.0
26.0				33.7	60.0	38 600 *	44.2	62.7	41 600	58.1	65.1	39 300 b										26.0
28.0				21.8	56.0	34 300 *	35.7	60.2	37 900	51.4	63.6	35 800 b										28.0
30.0							24.6	56.6	34 800	44.0	61.7	32 800										30.0
32.0										35.4	59.2	30 300	50.9	62.2	28 500							32.0
34.0										24.2	55.6	28 100	43.4	60.3	26 400							34.0
36.0													34.7	57.7	24 600							36.0
38.0													23.2	54.0	22 900							38.0
40.0																42.3	58.4	21 500				40.0
42.0																33.4	55.7	20 100				42.0
44.0																21.2	51.7	18 800	40.6	56.0	17 600	44.0
																			31.1	53.1	16 600	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	51 200 b													22.0
24.0	35.9	62.8	34 500 *	50.0	66.9	44 900 *	57.1	68.3	45 800													24.0
26.0	26.5	59.3	30 900 *	43.5	64.9	39 000 *	51.3	66.8	41 500	62.5	68.6	39 000 b										26.0
28.0				36.0	62.5	34 600 *	44.9	65.0	37 800	57.0	67.4	35 500 b										28.0
30.0				26.7	59.1	30 900 *	37.6	62.6	34 700	51.1	65.9	32 600										30.0
32.0				11.7	53.0	27 900 *	28.8	59.5	31 600	44.7	64.0	30 100	56.6	66.0	28 200							32.0
34.0										37.4	61.6	27 900	50.7	64.5	26 200							34.0
36.0										28.5	58.5	25 900	44.2	62.6	24 300							36.0
38.0										15.4	53.2	24 200	36.8	60.2	22 700							38.0
40.0													27.7	56.9	21 200							40.0
42.0																43.2	60.7	19 800				42.0
44.0																35.7	58.2	18 600				44.0
46.0																26.3	54.8	17 500	41.7	58.4	16 300	46.0
48.0																			33.9	55.7	15 400	48.0
																			23.8	51.9	14 500	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	51 000 b													22.0
24.0	44.0	67.6	34 600 *	55.2	70.8	44 900 *	61.2	71.9	45 600													24.0
26.0	37.5	65.2	31 000 *	49.9	69.2	39 100 *	56.3	70.7	41 300													26.0
28.0	29.8	62.1	27 900 *	44.1	67.3	34 600 *	51.0	69.1	37 600	61.1	71.0	35 400										28.0
30.0	19.5	57.6	25 300 *	37.6	64.9	31 000 *	45.3	67.3	34 500	56.1	69.7	32 400										30.0
32.0				30.0	61.8	28 000 *	39.0	65.0	31 700	50.9	68.2	29 900										32.0
34.0				19.7	57.3	25 400 *	31.6	62.1	28 600 *	45.2	66.3	27 700	55.7	68.4	25 900							34.0
36.0							22.1	58.0	25 900 *	38.8	64.1	25 800	50.5	66.8	24 100							36.0
38.0										31.4	61.1	24 100	44.7	64.9	22 500							38.0
40.0										21.8	57.0	22 500	38.3	62.6	21 100	49.7	65.0	19 700				40.0
42.0													30.8	59.6	19 800	43.9	63.1	18 400				42.0
44.0													20.9	55.3	18 600	37.4	60.7	17 300				44.0
46.0																29.6	57.5	16 300	42.6	60.7	15 200	46.0
48.0																19.2	53.0	15 400	35.9	58.2	14 300	48.0
50.0																			27.7	54.8	13 500	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	45 400													24.0
26.0	44.6	69.9	30 900 *	54.6	73.1	39 100 *	60.0	74.3	41 000													26.0
28.0	38.8	67.6	27 900 *	49.8	71.5	34 600 *	55.6	73.0	37 400													28.0
30.0	32.2	64.7	25 300 *	44.7	69.6	30 900 *	50.8	71.4	34 300	59.9	73.3	32 200										30.0
32.0	24.1	60.9	23 100 *	38.9	67.3	27 900 *	45.7	69.6	31 600	55.4	72.0	29 700										32.0
34.0				32.4	64.4	25 300 *	40.1	67.4	28 500 *	50.7	70.5	27 500										34.0
36.0				24.2	60.6	23 100 *	33.8	64.7	25 800 *	45.6	68.7	25 500	55.1	70.7	23 900							36.0
38.0				11.4	54.1	21 200 *	26.0	61.1	23 500 *	40.0	66.4	23 800	50.3	69.1	22 200							38.0
40.0										33.6	63.7	22 300	45.2	67.2	20 800							40.0
42.0										25.8	60.1	20 900	39.5	65.0	19 600	49.6	67.3	18 200				42.0
44.0										14.4	54.4	19 700	33.0	62.2	18 400	44.4	65.4	17 100				44.0
46.0													25.1	58.5	17 300	38.7	63.1	16 100				46.0
48.0																32.1	60.2	15 200	43.3	63.0	14 000	48.0
50.0																23.8	56.3	14 300	37.4	60.6	13 300	50.0
52.0																			30.5	57.6	12 500	52.0
54.0																			21.7	53.3	11 800	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	40 800													26.0
28.0	45.0	72.2	28 600 *	54.1	75.4	35 600 *	59.1	76.6	37 200													28.0
30.0	39.8	70.0	26 000 *	49.8	73.8	31 800 *	55.0	75.3	34 100													30.0
32.0	34.1	67.3	23 700 *	45.1	71.9	28 700 *	50.7	73.7	31 400	59.0	75.7	29 400										32.0
34.0	27.2	63.8	21 700 *	39.9	69.7	26 000 *	46.0	71.9	29 000	54.9	74.4	27 200										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	25 300										36.0
38.0				27.4	63.5	21 800 *	35.4	67.2	24 200 *	45.9	71.0	23 600	54.6	73.0	22 000							38.0
40.0				18.3	58.6	20 000 *	28.8	63.9	22 200 *	40.9	68.8	22 100	50.2	71.4	20 600							40.0
42.0							20.4	59.4	20 400 *	35.2	66.2	20 700	45.5	69.6	19 300							42.0
44.0										28.6	62.9	19 500	40.5	67.4	18 200	49.6	69.6	16 800				44.0
46.0										20.1	58.3	18 400	34.8	64.7	17 100	44.9	67.7	15 800				46.0
48.0													28.1	61.3	16 100	39.7	65.5	15 000				48.0
50.0													19.3	56.6	15 200	33.9	62.7	14 100	43.8	65.4	13 000	50.0
52.0																27.1	59.2	13 400	38.6	63.0	12 300	52.0
54.0																17.8	54.2	12 600	32.6	60.1	11 700	54.0
56.0																			25.4	56.4	11 000	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	40 600													26.0
28.0	49.6	76.4	28 500 *	57.5	79.1	35 500 *	61.9	80.2	36 900													28.0
30.0	45.3	74.5	25 800 *	53.7	77.7	31 700 *	58.3	79.0	33 900													30.0
32.0	40.7	72.3	23 500 *	49.7	76.1	28 500 *	54.5	77.6	31 200	61.8	79.2	29 200										32.0
34.0	35.5	69.7	21 600 *	45.4	74.2	25 900 *	50.5	76.0	28 900	58.2	78.0	27 000										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	25 100										36.0
38.0	22.3	62.3	18 300 *	35.6	69.4	21 600 *	41.7	72.1	24 000 *	50.4	75.1	23 400										38.0
40.0				29.7	66.2	19 900 *	36.7	69.6	22 000 *	46.2	73.3	21 900	54.1	75.3	20 300							40.0
42.0				22.4	62.0	18 400 *	31.0	66.6	20 200 *	41.6	71.1	20 500	50.1	73.7	19 100							42.0
44.0				11.2	55.1	16 700 *	24.1	62.6	18 600 *	36.6	68.6	19 300	45.8	71.9	17 900							44.0
46.0										30.8	65.6	18 200	41.2	69.7	16 900	49.5	71.9	15 600				46.0
48.0										23.8	61.6	17 200	36.2	67.2	15 900	45.2	70.0	14 700				48.0
50.0										13.8	55.5	16 200	30.3	64.0	15 000	40.6	67.8	13 900				50.0
52.0													23.2	60.0	14 200	35.4	65.2	13 100	44.3	67.7	12 000	52.0
54.0																29.5	62.0	12 400	39.5	65.4	11 400	54.0
56.0																22.1	57.7	11 800	34.2	62.7	10 800	56.0
58.0																			28.1	59.3	10 200	58.0
60.0																			20.2	54.7	9 700	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	40 500													26.0
28.0	53.3	80.3	28 400 *	60.3	82.7	35 600 *	64.3	83.6	36 800													28.0
30.0	49.6	78.7	25 700 *	56.9	81.4	31 600 *	61.0	82.5	33 700													30.0
32.0	45.6	76.8	23 500 *	53.4	80.0	28 400 *	57.6	81.3	31 100													32.0
34.0	41.4	74.7	21 500 *	49.6	78.4	25 800 *	54.1	79.9	28 700	60.9	81.6	26 900										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	25 000										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	23 300										38.0
40.0	25.3	65.4	16 900 *	36.8	71.9	19 800 *	42.3	74.5	21 900 *	50.3	77.4	21 800	57.3	79.0	20 200							40.0
42.0	17.1	60.1	15 500 *	31.6	68.9	18 300 *	37.8	72.0	20 100 *	46.4	75.6	20 400	53.7	77.6	18 900							42.0
44.0				25.4	65.1	16 900 *	32.7	69.1	18 600 *	42.2	73.5	19 200	50.0	76.0	17 800							44.0
46.0				17.2	59.8	15 700 *	26.8	65.6	17 200 *	37.6	71.0	18 100	46.1	74.2	16 800							46.0
48.0							19.2	60.7	16 000 *	32.5	68.1	17 100	41.9	72.1	15 800	49.5	74.2	14 600				48.0
50.0										26.6	64.5	16 100	37.3	69.6	14 900	45.5	72.3	13 800				50.0
52.0										18.9	59.6	15 300	32.1	66.6	14 200	41.3	70.2	13 000				52.0
54.0													26.1	63.0	13 400	36.6	67.6	12 300	44.7	70.0	11 300	54.0
56.0													18.2	57.9	12 700	31.4	64.6	11 700	40.3	67.8	10 700	56.0
58.0																25.1	60.8	11 100	35.6	65.1	10 100	58.0
60.0																16.8	55.4	10 500	30.1	62.0	9 600	60.0
62.0																			23.6	57.9	9 100	62.0
64.0																			14.5	52.0	8 700	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	36 600													28.0
30.0	53.0	82.6	25 500 *	59.6	85.0	31 400 *	63.2	86.0	33 500													30.0
32.0	49.5	81.0	23 300 *	56.4	83.8	28 300 *	60.2	84.9	30 900													32.0
34.0	45.9	79.2	21 300 *	53.1	82.3	25 600 *	57.0	83.7	28 500													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	24 700										36.0
38.0	37.7	74.6	18 100 *	45.9	78.8	21 300 *	50.3	80.7	23 700 *	56.9	82.7	23 000										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	21 500										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	20 200										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	19 000	53.4	79.9	17 600							44.0
46.0				27.7	67.9	15 500 *	34.1	71.7	17 000 *	42.7	75.8	17 900	49.9	78.3	16 500							46.0
48.0				21.1	63.4	14 500 *	28.9	68.3	15 800 *	38.6	73.4	16 900	46.3	76.5	15 600							48.0
50.0				11.0	56.2	13 200 *	22.6	64.1	14 700 *	34.0	70.7	16 000	42.4	74.4	14 700	49.5	76.5	13 500				50.0
52.0										28.7	67.3	15 100	38.2	72.0	13 900	45.8	74.6	12 800				52.0
54.0										22.4	63.0	14 300	33.6	69.2	13 200	41.9	72.5	12 100				54.0
56.0										13.3	56.6	13 600	28.3	65.8	12 500	37.6	70.1	11 400	45.0	72.3	10 400	56.0
58.0													21.8	61.4	11 900	32.9	67.2	10 900	41.0	70.1	9 900	58.0
60.0																27.5	63.7	10 300	36.7	67.6	9 300	60.0
62.0																20.8	59.1	9 800	31.8	64.6	8 900	62.0
64.0																10.4	51.7	9 300	26.2	60.9	8 400	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	33 300													30.0
32.0	52.7	85.0	23 500 *	58.9	87.4	28 500 *	62.4	88.4	30 700													32.0
34.0	49.5	83.3	21 500 *	55.9	86.1	25 800 *	59.5	87.3	28 400													34.0
36.0	46.1	81.5	19 700 *	52.8	84.6	23 500 *	56.5	86.0	26 200													36.0
38.0	42.5	79.4	18 200 *	49.6	83.0	21 500 *	53.4	84.6	23 900 *	59.4	86.3	22 800										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	21 300										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	20 000										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	18 700										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	17 700	53.1	82.2	16 300							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	16 700	49.9	80.6	15 300							48.0
50.0				23.9	66.6	13 600 *	30.6	71.0	14 800 *	39.3	75.8	15 800	46.5	78.8	14 500							50.0
52.0				16.5	61.0	12 600 *	25.1	67.1	13 700 *	35.1	73.2	14 900	42.9	76.7	13 700	49.4	78.8	12 500				52.0
54.0							18.2	62.0	12 900 *	30.4	70.0	14 100	39.0	74.4	13 000	46.0	76.9	11 800				54.0
56.0										25.0	66.1	13 400	34.8	71.7	12 300	42.4	74.9	11 200				56.0
58.0										18.0	60.9	12 700	30.1	68.5	11 700	38.5	72.5	10 600	45.3	74.6	9 600	58.0
60.0													24.5	64.5	11 100	34.2	69.7	10 100	41.6	72.5	9 100	60.0
62.0													17.3	59.1	10 500	29.4	66.4	9 600	37.6	70.0	8 600	62.0
64.0																23.6	62.3	9 100	33.2	67.1	8 200	64.0
68.0																			22.3	59.4	7 400	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	30 400													32.0
34.0	52.5	87.3	21 400 *	58.3	89.7	25 800 *	61.6	90.8	28 100													34.0
36.0	49.5	85.6	19 600 *	55.5	88.4	23 400 *	58.9	89.6	26 100													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	21 100										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	19 700										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	18 500										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	17 400	55.8	86.0	16 000							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	16 500	52.8	84.5	15 100							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	15 500	49.8	82.9	14 200							50.0
52.0				26.1	69.6	12 500 *	32.0	73.6	13 600 *	40.0	78.2	14 700	46.6	81.1	13 400	52.4	82.7	12 300				52.0
54.0				20.0	64.8	11 700 *	27.2	70.0	12 700 *	36.1	75.6	13 900	43.3	79.1	12 700	49.4	81.1	11 600				54.0
56.0				10.9	57.3	10 300 *	21.4	65.5	11 800 *	31.9	72.6	13 200	39.7	76.8	12 000	46.2	79.3	10 900				56.0
58.0										27.0	69.0	12 500	35.8	74.1	11 400	42.8	77.2	10 400				58.0
60.0										21.2	64.4	11 800 *	31.6	71.1	10 900	39.2	74.8	9 800	45.5	76.9	8 800	60.0
62.0										13.0	57.7	11 000 *	26.6	67.4	10 300	35.3	72.2	9 300	42.1	74.8	8 400	62.0
64.0													20.7	62.8	9 800	30.9	69.0	8 800	38.4	72.4	7 900	64.0
68.0																19.7	60.4	8 000	29.9	66.4	7 100	68.0
72.0																			18.2	57.2	6 400	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	30 300													32.0
34.0	55.1	91.1	21 200 *	60.4	93.3	25 600 *	63.4	94.2	28 000													34.0
36.0	52.3	89.6	19 500 *	57.8	92.1	23 300 *	60.9	93.1	26 000													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	20 900										40.0
42.0	43.3	84.0	15 300 *	49.5	87.6	17 900 *	52.9	89.2	19 800 *	58.2	91.0	19 600										42.0
44.0	39.9	81.8	14 200 *	46.5	85.8	16 600 *	50.1	87.6	18 200 *	55.6	89.7	18 400										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	17 300										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	16 300	55.4	88.3	14 900							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	15 400	52.6	86.8	14 100							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	14 600	49.8	85.2	13 300							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	13 800	46.8	83.4	12 600							54.0
56.0				22.7	68.1	10 800 *	28.9	72.8	11 700 *	37.0	78.0	13 100	43.6	81.4	12 000	49.4	83.4	10 800				56.0
58.0				15.8	62.2	10 000 *	23.8	68.6	10 900 *	33.1	75.1	12 400	40.3	79.1	11 300	46.4	81.6	10 300				58.0
60.0							17.4	63.2	10 200 *	28.8	71.7	11 700 *	36.7	76.6	10 700	43.2	79.5	9 700				60.0
62.0										23.7	67.6	10 900 *	32.8	73.7	10 200	39.8	77.2	9 200	45.7	79.2	8 300	62.0
64.0										17.2	62.1	10 200 *	28.4	70.2	9 700	36.2	74.6	8 800	42.5	77.1	7 800	64.0
68.0													16.6	60.3	8 800	27.8	68.1	7 900	35.4	72.1	7 000	68.0
72.0																15.5	57.8	7 100	26.7	65.4	6 300	72.0
76.0																			13.6	54.2	5 600	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	29 100 *													32.0
34.0	57.3	94.7	21 000 *	62.2	96.8	25 500 *	65.0	97.6	27 800													34.0
36.0	54.7	93.4	19 200 *	59.8	95.7	23 100 *	62.6	96.6	25 800													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	20 700										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	19 400										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	18 200										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	17 100										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	16 100										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	15 200	55.0	90.6	13 900							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	14 300	52.4	89.2	13 100							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	13 600	49.7	87.5	12 400							54.0
56.0	19.0	66.3	9 100 *	29.5	75.1	10 500 *	34.3	78.6	11 500 *	41.1	82.9	12 900	46.9	85.7	11 700							56.0
58.0				24.8	71.1	9 800 *	30.3	75.4	10 700 *	37.8	80.4	12 200	44.0	83.7	11 100	49.4	85.7	10 000				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	10 500	46.5	83.9	9 500				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	10 000	43.5	81.8	9 000				62.0
64.0							12.9	60.0	8 700 *	25.7	70.6	9 900 *	33.9	76.2	9 500	40.4	79.6	8 500	45.9	81.5	7 600	64.0
68.0										12.7	58.8	8 700 *	25.3	69.0	8 500	33.4	74.2	7 600	39.7	77.2	6 800	68.0
72.0																24.6	66.8	6 900	32.5	71.6	6 100	72.0
76.0																10.4	53.8	6 200	23.5	64.0	5 400	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	25 900 *													34.0
36.0	56.9	97.1	19 000 *	61.5	99.2	22 900 *	64.2	100.0	24 800 *													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	19 100										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	17 900										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	16 900										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	15 900										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	15 000										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	14 100	54.7	93.0	12 900							52.0
54.0	30.7	78.0	9 600 *	37.9	83.7	11 100 *	41.6	86.2	12 000 *	47.2	89.4	13 400	52.3	91.5	12 200							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	12 700	49.7	89.8	11 500							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	12 000	47.0	88.0	10 900	51.9	89.7	9 800				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	10 300	49.3	88.0	9 200				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	9 800	46.7	86.2	8 700				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	9 300	43.8	84.2	8 300				64.0
68.0										22.6	69.1	8 500 *	31.2	75.5	8 400	37.7	79.5	7 400	43.2	81.8	6 500	68.0
72.0													22.2	67.4	7 500	30.6	73.5	6 700	37.0	77.0	5 800	72.0
76.0																21.5	65.2	6 000	29.8	70.8	5 200	76.0
80.0																			20.3	62.1	4 600	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	22 100 *													36.0
38.0	56.5	99.4	17 000 *	60.9	101.5	19 600 *	63.5	102.4	21 000 *													38.0
40.0	54.2	98.0	15 900 *	58.8	100.4	18 400 *	61.4	101.4	19 800 *													40.0
42.0	51.8	96.5	14 800 *	56.5	99.1	17 200 *	59.2	100.2	18 600 *													42.0
44.0	49.4	94.8	13 700 *	54.2	97.7	16 000 *	57.0	99.0	17 500 *	61.3	100.4	17 700										44.0
46.0	46.8	93.0	12 600 *	51.9	96.2	14 800 *	54.7	97.6	16 300 *	59.1	99.3	16 600										46.0
48.0	44.2	91.0	11 700 *	49.4	94.5	13 700 *	52.3	96.1	15 000 *	56.9	98.0	15 600										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	14 700										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	13 900	56.7	96.7	12 600							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	13 100	54.4	95.3	11 900							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	12 500	52.1	93.8	11 200							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	11 800	49.7	92.1	10 600							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	10 000	51.8	92.0	9 000				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	9 500	49.3	90.3	8 500				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	9 000	46.8	88.5	8 000				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	8 100	41.3	84.3	7 200	46.2	86.2	6 300	68.0
72.0										19.4	67.1	7 200 *	28.5	74.6	7 300	35.2	79.1	6 500	40.7	81.9	5 600	72.0
76.0													19.0	65.4	6 600	27.9	72.5	5 800	34.5	76.6	5 000	76.0
80.0																18.2	63.0	5 200	27.1	69.8	4 400	80.0
84.0																			16.8	59.7	3 900	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	57 500 b													20.0
22.0	34.1	63.5	39 000 *	51.5	67.9	51 900 *b	59.9	69.3	50 900 b													22.0
24.0	22.3	59.6	34 500 *	44.1	66.0	45 800 *	53.4	68.0	45 600 b													24.0
26.0				35.5	63.6	39 800 *	46.3	66.2	41 300	60.6	68.5	38 700 b										26.0
28.0				24.4	59.9	35 200 *	38.1	63.9	37 600	54.1	67.2	35 300 b										28.0
30.0							28.0	60.7	34 500	47.0	65.5	32 400										30.0
32.0							10.8	54.7	31 800	39.0	63.2	29 800	54.5	65.9	27 800 b							32.0
34.0										29.1	60.1	27 700	47.4	64.2	25 800							34.0
36.0													39.5	62.0	24 000							36.0
38.0													29.7	59.0	22 400	47.3	62.5	20 800				38.0
40.0																39.3	60.3	19 500				40.0
42.0																29.6	57.3	18 300				42.0
44.0																14.6	52.1	17 200	38.5	58.0	15 900	44.0
46.0																			28.5	54.9	15 000	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	50 700 b													22.0
24.0	36.3	66.0	34 700 *	51.2	70.2	46 100 *	58.6	71.7	45 400													24.0
26.0	27.1	62.6	31 000 *	44.8	68.4	40 000 *	52.9	70.3	41 100													26.0
28.0				37.5	66.0	35 300 *	46.6	68.5	37 400	59.2	70.8	35 000 b										28.0
30.0				28.6	62.8	31 500 *	39.6	66.3	34 400	53.5	69.5	32 100										30.0
32.0				15.6	57.7	28 400 *	31.3	63.4	31 700	47.3	67.8	29 600										32.0
34.0							20.1	59.1	29 200	40.4	65.6	27 400	53.8	68.2	25 600							34.0
36.0										32.3	62.8	25 500	47.6	66.5	23 800							36.0
38.0										21.5	58.7	23 800	40.8	64.4	22 200							38.0
40.0													32.7	61.6	20 700	47.5	64.8	19 200				40.0
42.0													22.2	57.6	19 500	40.7	62.7	18 100				42.0
44.0																32.6	59.9	17 000				44.0
46.0																22.0	55.9	16 000	40.0	60.4	14 700	46.0
48.0																			31.8	57.6	13 900	48.0
50.0																			20.8	53.3	13 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	45 300													24.0
26.0	37.9	68.4	31 100 *	50.9	72.5	40 100 *	57.6	74.0	40 900													26.0
28.0	30.3	65.3	28 100 *	45.3	70.7	35 400 *	52.4	72.6	37 300													28.0
30.0	20.2	60.9	25 500 *	38.9	68.4	31 600 *	46.9	70.8	34 200	58.1	73.2	32 000										30.0
32.0				31.5	65.5	28 500 *	40.8	68.7	31 500	53.0	71.8	29 400										32.0
34.0				22.0	61.4	25 900 *	33.7	66.0	29 200	47.5	70.1	27 300										34.0
36.0							25.0	62.3	26 600 *	41.4	68.0	25 400	53.3	70.5	23 600							36.0
38.0							10.7	55.8	24 200 *	34.5	65.3	23 700	47.8	68.8	22 000							38.0
40.0										26.0	61.8	22 100	41.8	66.8	20 600							40.0
42.0													34.9	64.1	19 300	47.7	67.1	17 800				42.0
44.0													26.5	60.7	18 200	41.7	65.0	16 800				44.0
46.0																34.8	62.4	15 800	47.2	64.9	14 500	46.0
48.0																26.4	58.9	14 900	41.1	62.8	13 700	48.0
50.0																13.6	53.2	14 000	34.1	60.1	12 900	50.0
52.0																			25.4	56.5	12 200	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	45 000													24.0
26.0	44.8	73.1	31 000 *	55.5	76.4	40 100 *	61.2	77.6	40 700													26.0
28.0	39.1	70.8	28 000 *	50.8	74.8	35 400 *	56.8	76.4	37 000													28.0
30.0	32.6	67.9	25 400 *	45.6	73.0	31 600 *	52.1	74.9	34 000													30.0
32.0	24.6	64.2	23 200 *	40.0	70.8	28 400 *	47.1	73.1	31 300	57.2	75.5	29 200										32.0
34.0				33.7	68.0	25 800 *	41.7	71.0	29 000	52.6	74.1	27 000										34.0
36.0				25.9	64.4	23 500 *	35.5	68.5	26 500 *	47.6	72.4	25 100										36.0
38.0				14.7	58.8	21 500 *	28.3	65.2	24 100 *	42.2	70.3	23 400	52.8	72.8	21 700							38.0
40.0							18.5	60.4	22 100 *	36.2	67.8	21 900	47.9	71.1	20 300							40.0
42.0										29.1	64.6	20 600	42.5	69.1	19 100							42.0
44.0										19.7	60.0	19 400	36.5	66.6	17 900	47.8	69.4	16 500				44.0
46.0													29.5	63.4	16 900	42.5	67.4	15 500				46.0
48.0													20.3	59.0	15 900	36.5	64.9	14 600				48.0
50.0																29.4	61.7	13 800	41.9	65.1	12 700	50.0
52.0																20.1	57.2	13 100	35.8	62.6	12 000	52.0
54.0																			28.6	59.3	11 300	54.0
56.0																			19.0	54.6	10 700	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	40 400													26.0
28.0	45.2	75.4	28 800 *	54.9	78.7	36 400 *	60.1	80.0	36 800													28.0
30.0	40.1	73.2	26 100 *	50.6	77.1	32 500 *	56.1	78.7	33 800													30.0
32.0	34.4	70.5	23 800 *	46.0	75.3	29 200 *	51.8	77.2	31 100	60.6	79.1	28 900										32.0
34.0	27.6	67.0	21 800 *	40.9	73.1	26 500 *	47.3	75.4	28 800	56.5	77.8	26 800										34.0
36.0	18.7	62.2	19 900 *	35.3	70.5	24 100 *	42.4	73.4	26 800	52.3	76.4	24 900										36.0
38.0				28.7	67.2	22 100 *	36.9	70.9	24 800	47.8	74.7	23 300										38.0
40.0				20.3	62.7	20 400 *	30.7	67.8	22 700 *	42.9	72.6	21 700	52.5	75.1	20 100							40.0
42.0							22.9	63.8	20 800 *	37.5	70.2	20 400	48.0	73.4	18 900							42.0
44.0							10.6	56.8	19 100 *	31.4	67.2	19 200	43.2	71.4	17 700							44.0
46.0										23.8	63.3	18 100	37.8	69.0	16 700	47.9	71.7	15 300				46.0
48.0													31.7	66.1	15 700	43.1	69.7	14 400				48.0
50.0													24.3	62.2	14 900	37.8	67.3	13 600				50.0
52.0																31.6	64.3	12 900	42.6	67.5	11 700	52.0
54.0																24.2	60.5	12 200	37.2	65.0	11 100	54.0
56.0																13.1	54.3	11 500	31.0	62.0	10 500	56.0
58.0																			23.3	58.0	10 000	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	40 200													26.0
28.0	49.8	79.6	28 600 *	58.2	82.4	36 400 *	62.9	83.4	36 600													28.0
30.0	45.6	77.7	25 900 *	54.4	81.0	32 300 *	59.3	82.3	33 500													30.0
32.0	40.9	75.5	23 600 *	50.5	79.4	29 000 *	55.5	81.0	30 900													32.0
34.0	35.8	72.9	21 600 *	46.2	77.6	26 300 *	51.6	79.5	28 600	59.6	81.5	26 600										34.0
36.0	30.0	69.8	19 900 *	41.7	75.5	24 000 *	47.4	77.7	26 600	55.9	80.2	24 700										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	23 000										38.0
40.0				30.9	69.9	20 200 *	38.1	73.3	22 500 *	47.9	77.0	21 500	56.1	78.9	19 800							40.0
42.0				23.9	66.0	18 600 *	32.6	70.4	20 700 *	43.4	75.0	20 200	52.2	77.4	18 600							42.0
44.0				14.0	59.9	17 300 *	26.1	66.8	19 100 *	38.6	72.6	19 000	48.1	75.7	17 400							44.0
46.0							17.3	61.6	17 600 *	33.2	69.8	17 900	43.7	73.7	16 400	52.2	75.7	15 000				46.0
48.0										26.8	66.2	16 900	38.9	71.4	15 500	48.0	74.0	14 100				48.0
50.0										18.4	61.3	15 900	33.5	68.6	14 600	43.6	72.0	13 300				50.0
52.0													27.2	65.1	13 800	38.8	69.7	12 600	47.6	71.8	11 500	52.0
54.0													18.9	60.3	13 100	33.4	66.9	11 900	43.2	69.8	10 800	54.0
56.0																27.1	63.4	11 300	38.3	67.4	10 200	56.0
58.0																18.8	58.5	10 700	32.9	64.6	9 700	58.0
60.0																			26.4	61.0	9 200	60.0
62.0																			17.8	55.9	8 700	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	36 500													28.0
30.0	49.8	81.9	25 900 *	57.6	84.7	32 300 *	61.9	85.8	33 400													30.0
32.0	45.8	80.0	23 600 *	54.0	83.3	29 000 *	58.5	84.7	30 800													32.0
34.0	41.6	77.9	21 600 *	50.3	81.7	26 200 *	55.0	83.3	28 500	62.2	85.0	26 400										34.0
36.0	37.0	75.4	19 900 *	46.4	79.9	23 900 *	51.4	81.8	26 500	58.9	83.8	24 500										36.0
38.0	31.8	72.4	18 300 *	42.3	77.8	21 900 *	47.6	80.0	24 500	55.4	82.5	22 900										38.0
40.0	25.7	68.7	17 000 *	37.7	75.4	20 100 *	43.5	78.0	22 400 *	51.8	81.0	21 400										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	20 100	55.6	81.2	18 400							42.0
44.0				26.7	68.9	17 200 *	34.1	73.0	19 000 *	43.9	77.3	18 900	52.0	79.7	17 300							44.0
46.0				19.0	64.0	16 000 *	28.4	69.6	17 600 *	39.5	75.0	17 800	48.2	78.0	16 300							46.0
48.0							21.4	65.2	16 300 *	34.6	72.3	16 800	44.1	76.1	15 400							48.0
50.0							10.5	57.9	15 100 *	29.1	69.0	15 900	39.7	73.8	14 500	48.1	76.3	13 300				50.0
52.0										22.2	64.7	15 000	34.9	71.1	13 800	44.1	74.4	12 500				52.0
54.0													29.4	67.9	13 000	39.7	72.1	11 800				54.0
56.0													22.6	63.7	12 400	34.8	69.4	11 200	43.7	72.1	10 100	56.0
58.0																29.3	66.1	10 600	39.2	69.8	9 600	58.0
60.0																22.5	61.9	10 100	34.3	67.1	9 100	60.0
62.0																12.6	55.4	9 600	28.7	63.8	8 600	62.0
64.0																			21.8	59.4	8 200	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	36 300													28.0
30.0	53.2	85.8	25 600 *	60.1	88.3	32 200 *	64.0	89.3	33 200													30.0
32.0	49.7	84.2	23 400 *	57.0	87.0	28 800 *	61.0	88.2	30 600													32.0
34.0	46.1	82.3	21 400 *	53.7	85.6	26 100 *	57.9	87.0	28 300													34.0
36.0	42.2	80.2	19 700 *	50.3	84.0	23 700 *	54.6	85.6	26 300	61.3	87.3	24 300										36.0
38.0	38.0	77.8	18 100 *	46.6	82.2	21 700 *	51.2	84.1	24 300	58.2	86.2	22 600										38.0
40.0	33.3	74.9	16 800 *	42.8	80.2	19 900 *	47.7	82.3	22 200 *	55.0	84.8	21 100										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	19 800										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	18 600	55.1	83.6	17 100							44.0
46.0				28.8	71.7	15 800 *	35.4	75.4	17 400 *	44.3	79.6	17 500	51.8	82.0	16 100							46.0
48.0				22.4	67.4	14 700 *	30.3	72.3	16 100 *	40.2	77.4	16 500	48.2	80.3	15 100							48.0
50.0				13.5	61.0	13 700 *	24.4	68.3	15 000 *	35.8	74.8	15 600	44.5	78.4	14 300							50.0
52.0							16.5	62.8	13 900 *	30.9	71.7	14 800	40.5	76.2	13 500	48.2	78.6	12 300				52.0
54.0										25.0	67.8	14 000	36.1	73.6	12 800	44.4	76.7	11 600				54.0
56.0										17.4	62.5	13 300	31.2	70.5	12 100	40.4	74.4	11 000				56.0
58.0													25.4	66.7	11 500	36.0	71.9	10 400	44.1	74.5	9 300	58.0
60.0													17.9	61.5	10 900	31.1	68.8	9 900	40.0	72.2	8 800	60.0
62.0																25.3	65.0	9 400	35.6	69.6	8 400	62.0
64.0																17.8	59.8	8 900	30.6	66.4	7 900	64.0
68.0																			16.9	57.1	7 100	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	33 000													30.0
32.0	52.9	88.1	23 800 *	59.4	90.6	29 400 *	63.1	91.7	30 300													32.0
34.0	49.7	86.5	21 700 *	56.5	89.4	26 500 *	60.2	90.6	28 100													34.0
36.0	46.3	84.6	19 900 *	53.4	87.9	24 100 *	57.3	89.3	26 100													36.0
38.0	42.7	82.5	18 400 *	50.2	86.3	22 000 *	54.3	87.9	24 300	60.5	89.7	22 400										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	20 900										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	19 600										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	18 400										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	17 300	54.7	85.9	15 800							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	16 300	51.6	84.3	14 900							48.0
50.0				25.0	70.5	13 800 *	31.9	74.9	15 100 *	40.9	79.7	15 500	48.3	82.6	14 100							50.0
52.0				18.1	65.3	12 900 *	26.7	71.2	14 100 *	36.8	77.2	14 600	44.8	80.7	13 300	51.5	82.6	12 000				52.0
54.0							20.2	66.5	13 100 *	32.4	74.2	13 800	41.1	78.5	12 600	48.2	80.9	11 300				54.0
56.0							10.5	59.0	11 800 *	27.2	70.7	13 100	37.1	76.0	11 900	44.7	79.0	10 700				56.0
58.0										21.0	66.1	12 400	32.6	73.1	11 300	41.0	76.8	10 200				58.0
60.0													27.5	69.6	10 700	37.0	74.3	9 600	44.4	76.8	8 600	60.0
62.0													21.4	65.1	10 200	32.5	71.4	9 100	40.7	74.6	8 100	62.0
64.0													12.5	58.3	9 700	27.5	67.8	8 700	36.6	72.0	7 700	64.0
68.0																12.3	56.5	7 800	26.9	65.4	6 900	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	30 100													32.0
34.0	52.7	90.4	21 400 *	58.8	93.0	26 300 *	62.3	94.1	27 800													34.0
36.0	49.6	88.8	19 700 *	56.0	91.7	23 800 *	59.6	92.9	25 800													36.0
38.0	46.4	86.9	18 100 *	53.1	90.2	21 800 *	56.8	91.7	24 100													38.0
40.0	43.1	84.9	16 800 *	50.1	88.6	19 900 *	53.9	90.3	22 400 *	59.9	92.1	20 700										40.0
42.0	39.5	82.6	15 500 *	46.9	86.8	18 400 *	50.9	88.7	20 400 *	57.1	90.8	19 400										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	18 200										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	17 100	57.2	89.6	15 600							46.0
48.0	26.3	73.1	12 500 *	36.2	80.0	14 600 *	41.1	82.8	16 000 *	48.2	86.2	16 100	54.4	88.2	14 600							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	15 200	51.4	86.6	13 800							50.0
52.0				27.1	73.4	12 700 *	33.2	77.4	13 800 *	41.4	82.1	14 400	48.3	84.9	13 000							52.0
54.0				21.3	68.8	11 800 *	28.5	74.0	12 900 *	37.7	79.6	13 600	45.1	83.0	12 300	51.4	84.9	11 100				54.0
56.0				13.1	62.1	10 700 *	23.0	69.8	12 000 *	33.6	76.8	12 900	41.6	80.9	11 700	48.3	83.2	10 500				56.0
58.0							15.8	64.0	11 200 *	29.0	73.4	12 300	37.9	78.4	11 100	45.0	81.3	9 900				58.0
60.0										23.7	69.3	11 600	33.8	75.6	10 500	41.6	79.1	9 400				60.0
62.0										16.7	63.7	11 100	29.3	72.3	10 000	37.8	76.7	8 900	44.7	79.1	7 900	62.0
64.0													24.0	68.2	9 500	33.8	73.9	8 400	41.2	76.9	7 400	64.0
68.0																23.9	66.5	7 600	33.4	71.6	6 700	68.0
72.0																			23.3	64.0	6 000	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	30 000													32.0
34.0	55.2	94.2	21 300 *	60.8	96.5	26 100 *	64.0	97.5	27 700													34.0
36.0	52.5	92.7	19 600 *	58.3	95.3	23 700 *	61.5	96.4	25 700													36.0
38.0	49.6	91.1	18 000 *	55.6	94.0	21 600 *	59.0	95.3	23 900													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	20 500										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	19 200										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	18 000										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	17 000										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	16 000	56.8	91.9	14 500							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	15 100	54.1	90.5	13 700							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	14 300	51.3	89.0	12 900							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	13 500	48.4	87.2	12 200							54.0
56.0				23.7	72.0	10 900 *	30.1	76.7	11 900 *	38.4	82.0	12 800	45.3	85.3	11 600	51.2	87.2	10 400				56.0
58.0				17.3	66.5	10 200 *	25.3	72.8	11 100 *	34.7	79.3	12 200	42.1	83.2	10 900	48.3	85.5	9 800				58.0
60.0							19.3	67.8	10 400 *	30.5	76.1	11 500	38.6	80.8	10 400	45.3	83.6	9 300				60.0
62.0							10.4	60.1	9 400 *	25.8	72.3	11 000	34.9	78.1	9 900	42.0	81.5	8 800				62.0
64.0										20.0	67.5	10 400	30.8	74.9	9 400	38.6	79.1	8 300	45.0	81.4	7 300	64.0
68.0													20.3	66.4	8 500	30.7	73.2	7 500	38.2	76.8	6 500	68.0
72.0																20.2	64.7	6 700	30.3	70.9	5 900	72.0
76.0																			19.6	62.1	5 200	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	29 000 *													32.0
34.0	57.4	97.9	21 100 *	62.6	100.0	26 000 *	65.6	100.9	27 600 *													34.0
36.0	54.9	96.5	19 300 *	60.2	98.9	23 500 *	63.3	99.9	25 500 *													36.0
38.0	52.3	95.0	17 800 *	57.8	97.7	21 400 *	60.9	98.8	23 700 *													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	19 000 *										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	17 800 *										44.0
46.0	40.6	87.3	13 000 *	47.2	91.4	15 300 *	50.7	93.3	16 900 *	56.2	95.5	16 700 *										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	15 700 *										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	14 900 *	56.4	94.2	13 400 *							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	14 000 *	53.8	92.8	12 700 *							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	13 300 *	51.1	91.3	12 000 *							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	12 600 *	48.4	89.5	11 300 *							56.0
58.0				25.7	75.0	9 900 *	31.4	79.3	10 800 *	39.1	84.4	11 900 *	45.5	87.6	10 700 *	51.1	89.5	9 500 *				58.0
60.0				20.3	70.2	9 300 *	27.1	75.7	10 100 *	35.6	81.7	11 300 *	42.5	85.5	10 100 *	48.4	87.8	9 000 *				60.0
62.0				12.8	63.2	8 500 *	22.0	71.2	9 500 *	31.8	78.7	10 800 *	39.3	83.2	9 600 *	45.5	85.9	8 500 *				62.0
64.0							15.3	65.1	8 800 *	27.5	75.1	10 200 *	35.8	80.6	9 100 *	42.4	83.8	8 100 *				64.0
68.0										16.1	64.9	8 900 *	27.8	74.0	8 200 *	35.8	78.8	7 200 *	42.1	81.6	6 300 *	68.0
72.0													16.5	64.0	7 400 *	27.7	72.3	6 500 *	35.4	76.5	5 600 *	72.0
76.0																16.4	62.2	5 800 *	27.3	69.9	5 000 *	76.0
80.0																			15.6	59.5	4 400 *	80.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	25 300 *													34.0
36.0	57.0	100.2	19 200 *	61.9	102.4	22 800 *	64.8	103.3	24 200 *													36.0
38.0	54.6	98.8	17 800 *	59.7	101.3	21 500 *	62.6	102.3	23 100 *													38.0
40.0	52.1	97.3	16 300 *	57.3	100.0	19 600 *	60.3	101.2	21 900 *													40.0
42.0	49.5	95.7	15 100 *	54.9	98.7	18 000 *	58.0	100.0	20 200 *													42.0
44.0	46.9	93.8	14 000 *	52.5	97.2	16 600 *	55.6	98.6	18 400 *	60.5	100.3	17 600										44.0
46.0	44.1	91.8	12 900 *	49.9	95.5	15 300 *	53.2	97.2	16 900 *	58.2	99.1	16 500										46.0
48.0	41.1	89.6	12 000 *	47.3	93.7	14 100 *	50.6	95.6	15 600 *	55.9	97.8	15 600										48.0
50.0	38.0	87.2	11 200 *	44.5	91.8	13 100 *	48.0	93.9	14 400 *	53.4	96.4	14 600										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	13 800	56.0	96.6	12 400							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	13 100	53.6	95.1	11 700							54.0
56.0	26.8	77.6	9 100 *	35.1	84.5	10 500 *	39.4	87.5	11 500 *	45.6	91.2	12 400	51.0	93.6	11 100							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	11 700	48.4	91.8	10 500							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	11 100	45.7	89.9	10 000	51.0	91.8	8 800				60.0
62.0				22.7	73.4	8 500 *	28.6	78.5	9 300 *	36.4	84.2	10 600	42.9	87.9	9 400	48.4	90.1	8 300				62.0
64.0				16.7	67.7	8 000 *	24.1	74.3	8 700 *	32.9	81.2	10 000	39.8	85.6	8 900	45.7	88.2	7 800				64.0
68.0							10.4	61.1	7 400 *	24.6	73.8	8 800 *	33.1	80.1	8 100	39.8	83.8	7 000	45.4	86.0	6 100	68.0
72.0													24.8	72.7	7 300	33.1	78.4	6 300	39.5	81.6	5 400	72.0
76.0													12.0	60.5	6 500	24.8	71.0	5 600	32.7	76.0	4 800	76.0
80.0																11.9	58.6	5 100	24.3	68.5	4 300	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	22 300 *													36.0
38.0	56.6	102.5	17 100 *	61.3	104.8	19 800 *	64.0	105.7	21 200 *													38.0
40.0	54.3	101.1	16 000 *	59.2	103.6	18 600 *	61.9	104.7	20 100 *													40.0
42.0	51.9	99.6	14 900 *	56.9	102.3	17 500 *	59.8	103.5	18 900 *													42.0
44.0	49.5	98.0	13 700 *	54.7	101.0	16 300 *	57.6	102.3	17 800 *													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	16 300										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	15 300										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	14 400										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	13 600										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	12 900	55.6	98.9	11 500							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	12 200	53.3	97.4	10 900							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	11 500	50.9	95.9	10 300							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	10 900	48.5	94.1	9 700							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	10 400	45.9	92.3	9 200	50.9	94.1	8 000				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	8 700	48.4	92.4	7 600				64.0
68.0				12.6	64.3	6 500 *	21.1	72.6	7 400 *	30.3	80.5	8 500 *	37.3	85.4	7 800	43.1	88.5	6 800				68.0
72.0										21.6	72.2	7 400 *	30.5	79.4	7 000	37.3	83.7	6 100	42.9	86.3	5 200	72.0
76.0													21.9	71.1	6 300	30.5	77.6	5 400	37.0	81.4	4 600	76.0
80.0																21.8	69.4	4 800	30.1	75.3	4 000	80.0
84.0																			21.3	66.8	3 500	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	50 500 b													22.0
24.0	23.1	62.9	34 800 *	45.6	69.5	46 600 *	55.2	71.4	45 200 b													24.0
26.0				37.3	67.1	40 700 *	48.2	69.7	40 900													26.0
28.0				26.8	63.8	36 000 *	40.4	67.6	37 300	56.7	70.7	34 800 b										28.0
30.0							30.9	64.7	34 200	49.9	69.1	31 900										30.0
32.0							17.2	60.0	31 500	42.3	67.1	29 400	57.9	69.5	27 300 b							32.0
34.0										33.4	64.4	27 300	51.2	68.0	25 300 b							34.0
36.0										21.2	60.4	25 300	43.8	66.1	23 500							36.0
38.0													35.1	63.6	21 900							38.0
40.0													23.8	59.9	20 500	44.6	64.6	19 000				40.0
42.0																36.1	62.1	17 800				42.0
44.0																25.3	58.6	16 700				44.0
46.0																			36.4	60.0	14 400	46.0
48.0																			25.6	56.6	13 600	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	50 300 b													22.0
24.0	36.7	69.2	34 900 *	52.3	73.6	46 200 *	60.1	75.0	45 000 b													24.0
26.0	27.7	65.9	31 200 *	46.0	71.8	41 000 *	54.4	73.7	40 700													26.0
28.0				38.9	69.5	36 100 *	48.3	72.0	37 100	61.3	74.3	34 600 b										28.0
30.0				30.5	66.5	32 200 *	41.6	70.0	34 100	55.8	73.0	31 700										30.0
32.0				18.7	62.0	29 000 *	33.7	67.3	31 400	49.8	71.4	29 200										32.0
34.0							23.6	63.5	29 000	43.2	69.5	27 000										34.0
36.0										35.7	66.9	25 200	50.9	70.3	23 300							36.0
38.0										26.3	63.5	23 500	44.5	68.4	21 700							38.0
40.0													37.1	66.0	20 300	51.6	68.7	18 700				40.0
42.0													28.2	62.8	19 100	45.2	66.9	17 500				42.0
44.0													14.8	57.5	17 900	38.0	64.5	16 500				44.0
46.0																29.3	61.4	15 500	45.4	64.8	14 200	46.0
48.0																16.8	56.5	14 600	38.2	62.5	13 400	48.0
50.0																			29.5	59.4	12 600	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	44 800 b													24.0
26.0	38.3	71.6	31 300 *	52.0	75.9	41 100 *	58.9	77.4	40 500													26.0
28.0	30.7	68.6	28 200 *	46.4	74.1	36 200 *	53.8	76.0	36 900													28.0
30.0	20.8	64.3	25 600 *	40.2	71.9	32 300 *	48.4	74.3	33 900	60.0	76.6	31 500										30.0
32.0				33.0	69.1	29 000 *	42.5	72.3	31 300	55.0	75.3	29 000										32.0
34.0				24.0	65.3	26 300 *	35.7	69.8	29 000	49.7	73.7	26 900										34.0
36.0							27.6	66.4	26 900	43.9	71.8	25 000										36.0
38.0							15.8	61.2	24 800	37.4	69.4	23 300	50.7	72.6	21 500							38.0
40.0										29.6	66.3	21 800	45.0	70.8	20 100							40.0
42.0										19.2	61.7	20 500	38.6	68.4	18 900							42.0
44.0													31.2	65.5	17 700	45.6	69.2	16 300				44.0
46.0													21.4	61.3	16 700	39.4	66.9	15 300				46.0
48.0																32.0	64.1	14 500	45.8	67.1	13 200	48.0
50.0																22.7	60.1	13 600	39.5	64.9	12 400	50.0
52.0																			32.2	62.0	11 700	52.0
54.0																			22.9	58.0	11 100	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	40 300													26.0
28.0	39.5	74.0	28 200 *	51.7	78.2	36 200 *	58.0	79.7	36 700													28.0
30.0	33.0	71.2	25 500 *	46.6	76.4	32 200 *	53.4	78.3	33 600													30.0
32.0	25.0	67.4	23 300 *	41.1	74.3	29 000 *	48.5	76.6	31 000	59.0	79.0	28 700										32.0
34.0				34.9	71.6	26 200 *	43.2	74.6	28 700	54.5	77.6	26 600										34.0
36.0				27.5	68.2	23 900 *	37.2	72.2	26 700	49.6	76.0	24 700										36.0
38.0				17.3	63.2	21 900 *	30.4	69.1	24 700	44.4	74.1	23 100										38.0
40.0							21.5	64.9	22 600 *	38.7	71.8	21 600	50.5	74.9	19 800							40.0
42.0										32.1	68.9	20 300	45.4	73.1	18 600							42.0
44.0										23.8	65.0	19 100	39.8	70.8	17 500							44.0
46.0													33.3	68.1	16 500	46.0	71.5	15 100				46.0
48.0													25.5	64.4	15 600	40.4	69.3	14 200				48.0
50.0													13.9	58.6	14 700	34.1	66.6	13 400				50.0
52.0																26.5	63.1	12 700	40.5	67.2	11 500	52.0
54.0																15.6	57.7	12 000	34.3	64.5	10 900	54.0
56.0																			26.7	61.0	10 300	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

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

M-250 SERIES 2

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	40 100													26.0
28.0	45.5	78.5	28 900 *	55.7	82.0	37 500 *	61.2	83.3	36 500													28.0
30.0	40.4	76.3	26 200 *	51.4	80.5	33 200 *	57.2	82.0	33 400													30.0
32.0	34.7	73.7	23 900 *	46.9	78.7	29 800 *	53.0	80.6	30 800	62.1	82.5	28 500										32.0
34.0	28.0	70.3	22 000 *	41.9	76.6	26 900 *	48.5	78.9	28 600	58.1	81.3	26 400										34.0
36.0	19.3	65.6	20 100 *	36.4	74.1	24 600 *	43.7	77.0	26 600	54.0	79.9	24 500										36.0
38.0				30.1	71.0	22 500 *	38.5	74.6	24 800	49.6	78.3	22 800										38.0
40.0				22.1	66.7	20 700 *	32.5	71.7	23 200	44.9	76.4	21 400	54.7	78.8	19 600							40.0
42.0							25.2	68.0	21 300 *	39.7	74.2	20 100	50.4	77.2	18 400							42.0
44.0							14.9	62.3	19 600 *	33.9	71.4	18 900	45.7	75.4	17 300							44.0
46.0										27.1	67.9	17 800	40.7	73.2	16 300	50.9	75.6	14 800				46.0
48.0										17.8	62.9	16 800	35.0	70.6	15 300	46.3	73.8	13 900				48.0
50.0													28.4	67.2	14 500	41.3	71.7	13 200				50.0
52.0													19.8	62.6	13 700	35.7	69.1	12 500	46.4	71.7	11 200	52.0
54.0																29.2	65.9	11 800	41.4	69.6	10 600	54.0
56.0																20.9	61.4	11 200	35.8	67.0	10 000	56.0
58.0																			29.4	63.8	9 500	58.0
60.0																			21.1	59.4	9 000	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	39 800													26.0
28.0	50.1	82.7	28 800 *	58.9	85.6	36 700 *	63.8	86.7	36 200													28.0
30.0	45.8	80.8	26 100 *	55.2	84.3	33 100 *	60.2	85.6	33 200													30.0
32.0	41.2	78.7	23 800 *	51.2	82.8	29 600 *	56.5	84.4	30 600													32.0
34.0	36.1	76.1	21 800 *	47.0	81.0	26 800 *	52.7	82.9	28 300	61.1	84.9	26 100										34.0
36.0	30.3	73.0	20 000 *	42.5	78.9	24 400 *	48.6	81.2	26 300	57.4	83.6	24 200										36.0
38.0	23.2	68.9	18 500 *	37.6	76.5	22 300 *	44.2	79.3	24 600	53.6	82.2	22 600										38.0
40.0				32.0	73.6	20 500 *	39.4	77.0	22 900	49.5	80.6	21 100										40.0
42.0				25.4	69.8	18 900 *	34.1	74.3	21 100 *	45.2	78.7	19 800	54.3	81.1	18 100							42.0
44.0				16.3	64.4	17 500 *	27.9	70.9	19 500 *	40.6	76.5	18 700	50.3	79.5	17 000							44.0
46.0							20.0	66.2	18 000 *	35.4	73.9	17 500	46.0	77.7	16 000							46.0
48.0										29.5	70.7	16 500	41.4	75.5	15 100	50.7	77.9	13 700				48.0
50.0										22.1	66.4	15 600	36.4	73.0	14 300	46.5	76.1	12 900				50.0
52.0													30.6	69.9	13 500	42.0	74.0	12 200				52.0
54.0													23.6	65.9	12 800	37.0	71.5	11 500	46.6	74.0	10 300	54.0
56.0													13.3	59.7	12 100	31.3	68.5	10 900	42.1	71.9	9 800	56.0
58.0																24.4	64.6	10 400	37.1	69.4	9 200	58.0
60.0																14.8	58.8	9 800	31.4	66.4	8 800	60.0
62.0																			24.6	62.6	8 300	62.0
64.0																			15.1	56.9	7 800	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	36 100													28.0
30.0	50.0	85.0	26 000 *	58.2	88.0	33 100 *	62.7	89.1	33 100													30.0
32.0	46.1	83.2	23 700 *	54.7	86.6	29 600 *	59.4	88.0	30 500													32.0
34.0	41.8	81.0	21 700 *	51.0	85.1	26 700 *	56.0	86.7	28 200													34.0
36.0	37.2	78.6	20 000 *	47.2	83.3	24 300 *	52.4	85.2	26 200	60.2	87.2	24 100										36.0
38.0	32.1	75.6	18 400 *	43.1	81.3	22 200 *	48.6	83.5	24 500	56.8	86.0	22 500										38.0
40.0	26.0	71.9	17 100 *	38.6	78.9	20 400 *	44.6	81.6	22 900	53.2	84.5	21 000										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	19 700										42.0
44.0				27.9	72.7	17 500 *	35.5	76.7	19 400 *	45.5	81.0	18 500	53.9	83.4	16 900							44.0
46.0				20.7	68.1	16 200 *	30.0	73.6	17 900 *	41.3	78.9	17 400	50.2	81.8	15 900							46.0
48.0							23.5	69.5	16 600 *	36.6	76.4	16 500	46.3	80.0	15 000							48.0
50.0							14.2	63.4	15 400 *	31.4	73.3	15 600	42.1	77.9	14 200	50.6	80.2	12 800				50.0
52.0										25.1	69.5	14 800	37.5	75.4	13 400	46.7	78.4	12 100				52.0
54.0										16.8	64.2	14 000	32.4	72.5	12 700	42.5	76.3	11 400				54.0
56.0													26.4	68.9	12 100	38.0	73.9	10 800				56.0
58.0													18.6	63.9	11 400	33.0	71.1	10 300	42.6	74.3	9 100	58.0
60.0																27.1	67.5	9 700	38.1	71.9	8 700	60.0
62.0																19.6	62.8	9 200	33.1	69.0	8 200	62.0
64.0																5.8	53.4	8 700	27.2	65.5	7 800	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	32 900													30.0
32.0	49.9	87.3	23 500 *	57.6	90.3	29 300 *	61.8	91.5	30 300													32.0
34.0	46.3	85.5	21 500 *	54.3	88.9	26 500 *	58.7	90.3	28 000													34.0
36.0	42.4	83.4	19 700 *	50.9	87.4	24 100 *	55.5	89.0	26 000													36.0
38.0	38.2	81.0	18 200 *	47.3	85.6	22 000 *	52.1	87.5	24 300	59.4	89.6	22 200										38.0
40.0	33.6	78.2	16 900 *	43.5	83.6	20 200 *	48.6	85.8	22 600	56.2	88.3	20 800										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	19 500										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	18 300										44.0
46.0				29.8	75.4	16 000 *	36.6	79.2	17 700 *	45.8	83.4	17 200	53.5	85.7	15 600							46.0
48.0				23.7	71.3	14 900 *	31.7	76.2	16 400 *	41.9	81.2	16 200	50.1	84.1	14 700							48.0
50.0				15.5	65.6	13 800 *	26.1	72.5	15 300 *	37.6	78.8	15 400	46.5	82.3	13 900							50.0
52.0							18.9	67.5	14 200 *	32.9	75.9	14 500	42.6	80.2	13 200	50.5	82.5	11 800				52.0
54.0										27.5	72.4	13 800	38.4	77.8	12 500	46.9	80.7	11 200				54.0
56.0										20.8	67.8	13 100	33.8	75.0	11 800	43.0	78.7	10 500				56.0
58.0													28.5	71.7	11 200	38.9	76.3	10 000	47.0	78.6	8 900	58.0
60.0													22.1	67.3	10 600	34.3	73.6	9 500	43.1	76.6	8 400	60.0
62.0													12.9	60.8	10 100	29.1	70.3	9 000	39.0	74.2	7 900	62.0
64.0																22.9	66.1	8 500	34.4	71.5	7 500	64.0
68.0																			23.1	64.1	6 700	68.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	30 000													32.0
34.0	49.9	89.6	21 800 *	57.0	92.6	27 000 *	61.0	93.9	27 800													34.0
36.0	46.5	87.8	20 000 *	54.0	91.2	24 500 *	58.1	92.7	25 800													36.0
38.0	42.9	85.7	18 400 *	50.8	89.7	22 400 *	55.1	91.3	24 000													38.0
40.0	39.0	83.4	17 100 *	47.4	87.9	20 500 *	51.9	89.8	22 500	58.8	91.9	20 600										40.0
42.0	34.8	80.6	15 800 *	43.9	85.9	18 900 *	48.6	88.1	21 000	55.8	90.6	19 200										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	18 100										44.0
46.0	24.5	73.5	13 700 *	36.0	81.1	16 200 *	41.5	84.1	17 900 *	49.4	87.5	17 000	56.3	89.5	15 400							46.0
48.0	17.2	68.1	12 500 *	31.4	78.0	15 000 *	37.5	81.6	16 600 *	46.0	85.7	16 100	53.2	88.0	14 500							48.0
50.0				26.1	74.3	14 000 *	33.1	78.7	15 400 *	42.4	83.6	15 100	50.0	86.4	13 700							50.0
52.0				19.5	69.4	13 100 *	28.1	75.3	14 400 *	38.5	81.2	14 300	46.6	84.6	12 900							52.0
54.0							22.1	70.9	13 400 *	34.2	78.4	13 600	43.0	82.6	12 200	50.4	84.8	10 900				54.0
56.0							13.8	64.6	12 400 *	29.4	75.1	12 900	39.2	80.2	11 600	47.0	83.0	10 300				56.0
58.0										23.7	71.0	12 200	35.0	77.5	11 000	43.5	81.0	9 800				58.0
60.0										16.1	65.3	11 600	30.3	74.4	10 400	39.6	78.7	9 200				60.0
62.0													24.8	70.4	9 900	35.5	76.1	8 800	43.5	78.9	7 700	62.0
64.0													17.7	65.1	9 400	30.8	72.9	8 300	39.7	76.6	7 300	64.0
68.0																18.6	64.0	7 500	30.9	70.9	6 500	68.0
72.0																			18.8	62.0	5 800	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	29 800													32.0
34.0	52.8	93.5	21 600 *	59.3	96.2	26 700 *	63.0	97.3	27 500													34.0
36.0	49.8	91.9	19 800 *	56.5	95.0	24 300 *	60.3	96.2	25 500													36.0
38.0	46.6	90.1	18 200 *	53.7	93.5	22 100 *	57.5	95.0	23 800													38.0
40.0	43.3	88.0	16 800 *	50.7	92.0	20 300 *	54.7	93.6	22 300	60.9	95.5	20 300										40.0
42.0	39.7	85.7	15 600 *	47.5	90.2	18 600 *	51.7	92.1	20 800	58.2	94.3	19 000										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	17 800										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	16 800										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	15 800	55.9	91.8	14 200							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	14 900	53.0	90.3	13 400							50.0
52.0				28.1	77.1	12 800 *	34.3	81.2	14 100 *	42.8	85.9	14 100	50.0	88.7	12 700							52.0
54.0				22.5	72.8	12 000 *	29.8	78.0	13 200 *	39.2	83.6	13 400	46.8	86.9	12 000							54.0
56.0				15.0	66.7	11 100 *	24.6	74.0	12 300 *	35.3	80.9	12 700	43.4	84.9	11 300	50.3	87.1	10 000				56.0
58.0							18.0	68.8	11 400 *	30.9	77.8	12 000	39.9	82.6	10 700	47.1	85.3	9 500				58.0
60.0										25.9	74.0	11 400	36.0	80.0	10 200	43.8	83.3	9 000				60.0
62.0										19.7	69.1	10 800	31.7	77.0	9 700	40.3	81.1	8 500				62.0
64.0										10.4	61.5	10 300	26.9	73.3	9 200	36.4	78.5	8 100	43.9	81.2	7 000	64.0
68.0													12.6	61.9	8 300	27.4	72.0	7 300	36.5	76.4	6 300	68.0
72.0																13.8	61.1	6 500	27.6	69.9	5 600	72.0
76.0																			14.0	59.1	5 000	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	29 100 *													32.0
34.0	55.4	97.3	21 100 *	61.3	99.8	26 700 *	64.7	100.8	27 400													34.0
36.0	52.6	95.8	19 600 *	58.8	98.6	24 100 *	62.2	99.7	25 400													36.0
38.0	49.7	94.2	18 100 *	56.1	97.3	22 000 *	59.7	98.6	23 700													38.0
40.0	46.8	92.4	16 700 *	53.4	95.9	20 100 *	57.1	97.3	22 100													40.0
42.0	43.6	90.4	15 400 *	50.6	94.3	18 500 *	54.4	96.0	20 700	60.3	97.8	18 900										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	17 700										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	16 600										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	15 700										48.0
50.0	28.4	79.2	11 600 *	37.7	85.9	13 600 *	42.4	88.8	15 000 *	49.4	92.1	14 800	55.5	94.1	13 300							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	14 000	52.7	92.6	12 500							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	13 200	49.9	91.0	11 800							54.0
56.0				24.8	75.8	11 000 *	31.3	80.6	12 100 *	39.8	85.9	12 500	46.9	89.2	11 200							56.0
58.0				18.7	70.7	10 300 *	26.6	76.9	11 300 *	36.2	83.3	11 900	43.8	87.2	10 600	50.2	89.4	9 400				58.0
60.0							21.0	72.3	10 600 *	32.2	80.4	11 300	40.5	85.0	10 000	47.2	87.6	8 900				60.0
62.0							13.4	65.7	9 800 *	27.8	76.8	10 700	36.9	82.4	9 500	44.1	85.7	8 400				62.0
64.0										22.5	72.5	10 200	33.0	79.5	9 100	40.8	83.4	7 900	47.3	85.5	6 900	64.0
68.0													23.5	71.9	8 200	33.4	78.1	7 200	40.9	81.3	6 100	68.0
72.0																24.1	70.6	6 400	33.5	76.0	5 500	72.0
76.0																7.1	55.9	5 700	24.2	68.6	4 900	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	26 800													34.0
36.0	55.0	99.6	19 100 *	60.7	102.1	23 900 *	63.9	103.2	25 300													36.0
38.0	52.4	98.1	17 800 *	58.2	100.9	21 800 *	61.5	102.1	23 400													38.0
40.0	49.7	96.5	16 400 *	55.7	99.6	19 900 *	59.1	101.0	21 900													40.0
42.0	46.9	94.7	15 200 *	53.2	98.2	18 300 *	56.6	99.7	20 500													42.0
44.0	43.9	92.7	14 100 *	50.5	96.6	16 800 *	54.1	98.3	18 900 *	59.7	100.2	17 400										44.0
46.0	40.8	90.5	13 100 *	47.7	94.8	15 600 *	51.4	96.7	17 300 *	57.2	99.0	16 400										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	15 400										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	14 500										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	13 800	55.1	96.4	12 300							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	13 000	52.5	94.9	11 600							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	12 300	49.8	93.3	10 900							56.0
58.0				26.6	78.7	10 100 *	32.5	83.2	11 100 *	40.4	88.3	11 700	47.0	91.5	10 400	52.8	93.3	9 100				58.0
60.0				21.4	74.2	9 400 *	28.3	79.7	10 300 *	37.0	85.8	11 100	44.1	89.5	9 800	50.1	91.7	8 600				60.0
62.0				14.5	67.8	8 700 *	23.4	75.5	9 600 *	33.4	82.9	10 500	41.0	87.3	9 300	47.3	89.9	8 100				62.0
64.0							17.3	70.0	9 000 *	29.3	79.6	10 000	37.6	84.8	8 800	44.4	88.0	7 700				64.0
68.0										18.9	70.4	9 000	30.1	78.8	8 000	38.0	83.3	6 900	44.5	85.9	5 900	68.0
72.0													20.0	70.1	7 200	30.5	77.4	6 200	38.1	81.2	5 200	72.0
76.0																20.7	68.9	5 600	30.6	75.3	4 700	76.0
80.0																			20.8	66.9	4 100	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	25 300 *													34.0
36.0	57.1	103.3	18 400 *	62.4	105.6	23 000 *	65.4	106.5	24 300 *													36.0
38.0	54.7	101.9	17 300 *	60.1	104.5	21 800 *	63.2	105.6	23 200													38.0
40.0	52.2	100.4	16 300 *	57.8	103.3	20 000 *	60.9	104.5	21 700													40.0
42.0	49.7	98.8	15 200 *	55.4	101.9	18 300 *	58.6	103.3	20 300													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	17 200										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	16 200										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	15 200										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	14 400										50.0
52.0	34.8	87.6	10 500 *	42.1	93.1	12 300 *	46.0	95.5	13 600 *	51.9	98.4	13 500	57.2	100.1	12 000							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	12 800	54.8	98.7	11 400							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	12 100	52.4	97.3	10 700							56.0
58.0	22.2	76.4	8 500 *	32.2	85.0	9 900 *	37.0	88.6	10 900 *	43.8	92.9	11 500	49.8	95.6	10 200							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	10 900	47.1	93.8	9 600							60.0
62.0				23.6	77.3	8 700 *	29.7	82.4	9 500 *	37.7	88.2	10 300	44.4	91.8	9 100	50.1	94.0	7 900				62.0
64.0				17.9	72.0	8 100 *	25.4	78.5	8 900 *	34.3	85.4	9 800	41.4	89.7	8 600	47.4	92.2	7 500				64.0
68.0							13.1	66.8	7 700 *	26.4	78.5	8 900	35.0	84.5	7 800	41.8	88.1	6 700				68.0
72.0										15.0	67.7	7 900 *	27.2	77.8	7 000	35.4	83.0	6 000	41.8	86.0	5 000	72.0
76.0													16.4	67.6	6 300	27.7	76.4	5 300	35.4	81.0	4 400	76.0
80.0																17.1	66.5	4 800	27.8	74.4	3 900	80.0
84.0																			17.3	64.5	3 400	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	22 400 *													36.0
38.0	56.7	105.6	16 700 *	61.7	108.0	20 000 *	64.6	109.0	21 400 *													38.0
40.0	54.4	104.3	15 800 *	59.6	106.9	18 800 *	62.5	108.0	20 300 *													40.0
42.0	52.1	102.7	14 900 *	57.4	105.6	17 700 *	60.3	106.9	19 200 *													42.0
44.0	49.6	101.1	13 800 *	55.1	104.3	16 500 *	58.2	105.6	18 100 *													44.0
46.0	47.1	99.3	12 700 *	52.7	102.8	15 200 *	55.9	104.3	17 000 *	60.8	106.1	15 900										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	15 000										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	14 100										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	13 300										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	12 500	56.8	102.4	11 100							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	11 900	54.5	101.1	10 500							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	11 300	52.2	99.6	9 900							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	10 700	49.8	97.9	9 400							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	10 100	47.2	96.1	8 900							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	9 600	44.6	94.2	8 400	50.0	96.3	7 200				64.0
68.0				14.1	69.0	6 700 *	22.4	77.0	7 500 *	31.8	84.8	8 600	38.9	89.6	7 500	44.9	92.6	6 400				68.0
72.0										23.6	77.0	7 600 *	32.4	84.0	6 800	39.2	88.1	5 700	45.0	90.5	4 700	72.0
76.0										10.4	63.6	6 600 *	24.4	76.5	6 100	32.8	82.5	5 100	39.3	86.0	4 200	76.0
80.0													12.1	64.1	5 400	24.9	75.2	4 500	32.9	80.5	3 700	80.0
84.0																13.1	63.3	4 000	25.0	73.1	3 200	84.0
88.0																			13.3	61.3	2 700	88.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	50 100 b													22.0
24.0	23.8	66.2	35 000 *	47.0	72.9	45 900 *	56.9	74.7	44 800 b													24.0
26.0				38.9	70.6	41 800 *	50.2	73.2	40 500 b													26.0
28.0				29.0	67.5	36 800 *	42.6	71.2	36 900	59.2	74.1	34 200 b										28.0
30.0				13.4	62.1	32 000 *	33.7	68.6	33 900	52.7	72.7	31 400 b										30.0
32.0							21.7	64.6	31 300	45.4	70.9	28 900										32.0
34.0										37.1	68.6	26 800	54.7	71.7	24 700 b							34.0
36.0										26.6	65.2	24 900	47.7	70.0	23 000							36.0
38.0													39.8	67.9	21 400							38.0
40.0													30.2	64.9	20 000	49.4	68.6	18 300				40.0
42.0													15.8	59.9	18 700	41.8	66.5	17 200				42.0
44.0																32.7	63.8	16 100				44.0
46.0																			42.9	64.6	13 800	46.0
48.0																			34.1	62.0	13 000	48.0
50.0																			22.3	58.1	12 300	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	44 600 b													24.0
26.0	28.2	69.1	31 400 *	47.2	75.2	41 700 *	56.0	77.1	40 300													26.0
28.0				40.3	73.0	37 000 *	50.0	75.5	36 700													28.0
30.0				32.2	70.2	32 900 *	43.5	73.6	33 700	58.0	76.5	31 200										30.0
32.0				21.4	66.1	29 500 *	35.9	71.1	31 100	52.2	75.0	28 700										32.0
34.0							26.6	67.7	28 800	45.9	73.2	26 600										34.0
36.0										38.8	71.0	24 700	54.0	74.0	22 700							36.0
38.0										30.3	68.0	23 100	47.9	72.3	21 200							38.0
40.0													41.1	70.2	19 800							40.0
42.0													33.1	67.5	18 600	49.4	70.9	16 900				42.0
44.0													22.8	63.6	17 400	42.7	68.9	15 900				44.0
46.0																35.1	66.3	14 900				46.0
48.0																25.5	62.8	14 100	43.7	66.9	12 700	48.0
50.0																			36.3	64.5	12 000	50.0
52.0																			27.1	61.1	11 300	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	44 200 b													24.0
26.0	38.6	74.8	31 500 *	52.9	79.2	40 800 *	60.2	80.7	40 100													26.0
28.0	31.2	71.8	28 400 *	47.4	77.5	37 200 *	55.2	79.4	36 600													28.0
30.0	21.5	67.6	25 700 *	41.4	75.4	33 000 *	49.9	77.8	33 500													30.0
32.0				34.4	72.7	29 600 *	44.1	75.9	30 900	57.1	78.8	28 500										32.0
34.0				25.9	69.2	26 800 *	37.6	73.5	28 700	51.9	77.3	26 400										34.0
36.0				12.7	63.2	24 000 *	29.9	70.4	26 700	46.3	75.5	24 500										36.0
38.0							19.6	65.9	24 800	40.1	73.3	22 900	53.5	76.3	20 900							38.0
40.0										32.9	70.6	21 500	48.0	74.6	19 600							40.0
42.0										23.8	66.7	20 100	42.0	72.6	18 400							42.0
44.0													35.2	70.0	17 300	49.3	73.2	15 700				44.0
46.0													26.9	66.6	16 300	43.5	71.2	14 700				46.0
48.0													14.7	61.1	15 300	36.9	68.8	13 900				48.0
50.0																29.0	65.6	13 100	44.3	69.2	11 800	50.0
52.0																			37.9	66.9	11 100	52.0
54.0																			30.3	63.8	10 500	54.0
56.0																			20.1	59.4	10 000	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	39 900													26.0
28.0	39.8	77.1	28 300 *	52.6	81.5	37 100 *	59.1	83.0	36 300													28.0
30.0	33.4	74.4	25 700 *	47.6	79.8	33 000 *	54.6	81.7	33 300													30.0
32.0	25.5	70.7	23 400 *	42.2	77.7	29 500 *	49.8	80.1	30 700	60.7	82.4	28 200										32.0
34.0				36.1	75.2	26 700 *	44.6	78.2	28 500	56.3	81.1	26 100										34.0
36.0				29.0	72.0	24 300 *	38.9	75.9	26 500	51.6	79.6	24 300										36.0
38.0				19.6	67.4	22 200 *	32.3	73.0	24 700	46.5	77.8	22 700										38.0
40.0							24.2	69.2	23 100	41.0	75.7	21 200	53.0	78.6	19 300							40.0
42.0										34.8	73.1	19 900	48.1	76.9	18 100							42.0
44.0										27.4	69.7	18 700	42.8	74.9	17 000							44.0
46.0													36.8	72.4	16 100	49.3	75.5	14 400				46.0
48.0													29.8	69.3	15 100	44.1	73.5	13 600				48.0
50.0													20.8	64.9	14 300	38.3	71.2	12 900				50.0
52.0																31.6	68.2	12 200	44.8	71.6	10 800	52.0
54.0																23.2	64.2	11 500	39.1	69.3	10 200	54.0
56.0																			32.6	66.4	9 700	56.0
58.0																			24.5	62.6	9 200	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	39 500													26.0
28.0	45.8	81.7	29 100 *	56.5	85.3	36 700 *	62.2	86.6	36 100													28.0
30.0	40.7	79.5	26 300 *	52.2	83.8	33 900 *	58.3	85.4	33 100													30.0
32.0	35.0	76.9	24 000 *	47.7	82.1	30 300 *	54.1	84.0	30 500													32.0
34.0	28.4	73.6	22 000 *	42.9	80.0	27 500 *	49.7	82.4	28 200	59.7	84.7	25 900										34.0
36.0	19.8	68.9	20 300 *	37.5	77.6	25 000 *	45.0	80.5	26 300	55.6	83.4	24 100										36.0
38.0				31.3	74.6	22 900 *	39.9	78.3	24 500	51.3	81.9	22 400										38.0
40.0				23.8	70.7	21 000 *	34.1	75.6	22 900	46.8	80.2	21 000	56.9	82.4	19 100							40.0
42.0				12.3	64.3	18 700 *	27.3	72.1	21 500	41.8	78.1	19 700	52.7	80.9	17 900							42.0
44.0							18.2	67.2	20 100	36.3	75.5	18 500	48.2	79.2	16 800							44.0
46.0										29.9	72.4	17 400	43.4	77.2	15 800							46.0
48.0										21.9	68.1	16 500	38.1	74.9	14 900	49.3	77.8	13 400				48.0
50.0													32.0	71.9	14 100	44.5	75.8	12 600				50.0
52.0													24.6	68.1	13 300	39.4	73.6	12 000				52.0
54.0													13.9	62.2	12 600	33.5	70.8	11 300	45.2	73.9	10 000	54.0
56.0																26.5	67.2	10 700	40.1	71.6	9 500	56.0
58.0																			34.4	69.0	9 000	58.0
60.0																			27.6	65.5	8 500	60.0
62.0																			18.7	60.7	8 000	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	35 900													28.0
30.0	46.0	84.0	26 200 *	55.9	87.6	33 400 *	61.2	88.9	32 900													30.0
32.0	41.5	81.9	23 900 *	52.0	86.1	30 200 *	57.5	87.7	30 300													32.0
34.0	36.4	79.3	21 900 *	47.8	84.4	27 300 *	53.7	86.3	28 000													34.0
36.0	30.6	76.2	20 100 *	43.4	82.4	24 800 *	49.7	84.7	26 000	58.9	87.1	23 800										36.0
38.0	23.6	72.2	18 600 *	38.6	80.0	22 700 *	45.4	82.8	24 300	55.1	85.8	22 200										38.0
40.0				33.1	77.2	20 800 *	40.7	80.6	22 800	51.2	84.2	20 700										40.0
42.0				26.7	73.6	19 200 *	35.6	78.0	21 300	47.0	82.5	19 500	56.3	84.7	17 600							42.0
44.0				18.3	68.6	17 800 *	29.7	74.8	19 900	42.5	80.4	18 300	52.4	83.2	16 500							44.0
46.0							22.4	70.6	18 400 *	37.5	78.0	17 200	48.3	81.5	15 600							46.0
48.0										31.9	75.0	16 200	43.9	79.6	14 600							48.0
50.0										25.3	71.2	15 400	39.1	77.3	13 800	49.2	80.1	12 300				50.0
52.0													33.7	74.5	13 100	44.9	78.2	11 700				52.0
54.0													27.5	71.0	12 400	40.2	75.9	11 000				54.0
56.0													19.4	66.3	11 700	35.0	73.3	10 500	45.6	76.2	9 200	56.0
58.0																29.0	70.0	9 900	40.9	74.0	8 700	58.0
60.0																21.5	65.7	9 400	35.8	71.4	8 200	60.0
62.0																			29.9	68.3	7 800	62.0
64.0																			22.7	64.1	7 300	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	35 100													28.0
30.0	50.2	88.1	26 200 *	58.8	91.2	32 900 *	63.6	92.4	32 800													30.0
32.0	46.3	86.3	23 800 *	55.4	89.9	30 200 *	60.3	91.3	30 200													32.0
34.0	42.1	84.2	21 800 *	51.7	88.4	27 200 *	56.9	90.1	27 900													34.0
36.0	37.5	81.8	20 100 *	47.9	86.7	24 700 *	53.3	88.6	25 900													36.0
38.0	32.4	78.8	18 500 *	43.9	84.7	22 600 *	49.6	87.0	24 200	58.1	89.4	22 100										38.0
40.0	26.4	75.2	17 100 *	39.5	82.4	20 800 *	45.7	85.1	22 600	54.6	88.1	20 600										40.0
42.0	18.6	70.2	15 900 *	34.6	79.7	19 100 *	41.4	83.0	21 200	51.0	86.5	19 300										42.0
44.0				29.0	76.4	17 700 *	36.8	80.5	19 800	47.1	84.8	18 200	55.7	87.0	16 400							44.0
46.0				22.2	72.1	16 400 *	31.6	77.5	18 300 *	43.0	82.7	17 100	52.1	85.5	15 400							46.0
48.0				12.0	65.4	14 800 *	25.4	73.7	17 000 *	38.5	80.4	16 200	48.3	83.8	14 600							48.0
50.0							17.2	68.4	15 800 *	33.5	77.5	15 300	44.3	81.9	13 700							50.0
52.0										27.8	74.1	14 400	39.9	79.6	13 000	49.2	82.4	11 500				52.0
54.0										20.5	69.5	13 700	35.1	77.0	12 300	45.3	80.5	10 900				54.0
56.0													29.6	73.7	11 600	41.0	78.3	10 300				56.0
58.0													23.0	69.6	11 000	36.3	75.7	9 800	45.8	78.5	8 500	58.0
60.0													13.4	63.3	10 500	31.0	72.7	9 300	41.6	76.4	8 100	60.0
62.0																24.7	68.8	8 800	37.0	73.9	7 700	62.0
64.0																16.1	63.2	8 300	31.8	70.9	7 300	64.0
68.0																			17.6	61.9	6 500	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	32 300													30.0
32.0	50.1	90.4	23 700 *	58.2	93.6	30 300 *	62.6	94.8	29 900													32.0
34.0	46.5	88.6	21 800 *	54.9	92.2	27 300 *	59.5	93.7	27 700													34.0
36.0	42.6	86.5	20 000 *	51.5	90.7	24 700 *	56.4	92.4	25 700													36.0
38.0	38.4	84.2	18 400 *	48.0	89.0	22 500 *	53.0	90.9	24 000	60.7	93.0	21 800										38.0
40.0	33.8	81.4	17 000 *	44.2	87.0	20 700 *	49.6	89.3	22 400	57.5	91.8	20 400										40.0
42.0	28.5	78.0	15 800 *	40.2	84.8	19 100 *	45.9	87.5	21 000	54.3	90.4	19 100										42.0
44.0	22.1	73.7	14 600 *	35.8	82.2	17 600 *	42.0	85.3	19 700	50.8	88.8	17 900										44.0
46.0				30.8	79.1	16 300 *	37.8	82.9	18 200 *	47.3	87.1	16 900	55.3	89.3	15 200							46.0
48.0				25.0	75.2	15 100 *	33.1	80.0	16 900 *	43.5	85.1	15 900	51.9	87.8	14 300							48.0
50.0				17.4	69.9	14 100 *	27.7	76.5	15 600 *	39.3	82.7	15 000	48.4	86.1	13 500							50.0
52.0							21.0	72.0	14 600 *	34.8	80.0	14 200	44.6	84.2	12 700	52.7	86.3	11 300				52.0
54.0										29.7	76.8	13 500	40.6	82.0	12 100	49.2	84.7	10 600				54.0
56.0										23.6	72.7	12 800	36.3	79.4	11 400	45.5	82.8	10 100				56.0
58.0													31.4	76.4	10 800	41.6	80.6	9 500				58.0
60.0													25.6	72.6	10 300	37.3	78.2	9 000	46.1	80.8	7 800	60.0
62.0													18.3	67.5	9 700	32.6	75.3	8 500	42.2	78.7	7 400	62.0
64.0													2.9	56.3	9 200	27.1	71.7	8 100	37.9	76.3	7 000	64.0
68.0																			27.9	70.0	6 300	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	29 700													32.0
34.0	50.0	92.7	21 400 *	57.6	95.9	27 600 *	61.8	97.2	27 400													34.0
36.0	46.6	90.9	19 800 *	54.5	94.5	24 900 *	58.9	96.0	25 500													36.0
38.0	43.1	88.9	18 300 *	51.4	93.0	22 700 *	55.9	94.7	23 800													38.0
40.0	39.2	86.5	16 900 *	48.1	91.3	20 800 *	52.8	93.2	22 200	59.9	95.4	20 100										40.0
42.0	35.0	83.8	15 700 *	44.6	89.3	19 200 *	49.5	91.6	20 800	57.0	94.1	18 800										42.0
44.0	30.3	80.7	14 500 *	40.8	87.1	17 700 *	46.1	89.8	19 600	53.9	92.7	17 700										44.0
46.0	24.8	76.7	13 400 *	36.8	84.6	16 400 *	42.5	87.7	18 400 *	50.7	91.1	16 600										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	15 700	54.9	91.7	14 000							48.0
50.0				27.2	78.1	14 200 *	34.3	82.5	15 700 *	43.8	87.4	14 800	51.7	90.1	13 200							50.0
52.0				20.9	73.5	13 200 *	29.5	79.3	14 600 *	40.1	85.1	14 000	48.4	88.4	12 500							52.0
54.0				11.7	66.4	11 800 *	23.9	75.2	13 600 *	35.9	82.5	13 300	44.9	86.5	11 800							54.0
56.0							16.4	69.6	12 700 *	31.4	79.4	12 600	41.2	84.3	11 200	49.2	87.0	9 800				56.0
58.0										26.0	75.7	11 900	37.2	81.9	10 600	45.8	85.1	9 300				58.0
60.0										19.4	70.8	11 300	32.8	78.9	10 100	42.1	83.0	8 800				60.0
62.0													27.8	75.5	9 500	38.2	80.6	8 300				62.0
64.0													21.7	71.0	9 100	33.9	77.8	7 900	42.7	81.0	6 800	64.0
68.0																23.2	70.3	7 100	34.5	75.9	6 000	68.0
72.0																			24.1	68.7	5 400	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	28 900 *													32.0
34.0	53.0	96.6	20 900 *	59.8	99.5	27 200 *	63.7	100.6	27 300 *													34.0
36.0	50.0	95.0	19 400 *	57.1	98.2	24 700 *	61.0	99.5	25 300 *													36.0
38.0	46.8	93.2	18 000 *	54.2	96.9	22 500 *	58.3	98.4	23 500 *													38.0
40.0	43.5	91.2	16 700 *	51.2	95.3	20 600 *	55.5	97.0	22 000 *	62.0	98.9	19 900 *										40.0
42.0	39.9	88.9	15 500 *	48.1	93.6	18 900 *	52.5	95.5	20 600 *	59.3	97.7	18 600 *										42.0
44.0	36.0	86.3	14 300 *	44.9	91.6	17 500 *	49.5	93.9	19 300 *	56.5	96.4	17 400 *										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	16 400 *										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	15 500 *										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	14 600 *	54.5	94.0	12 900 *							50.0
52.0				29.0	80.8	13 000 *	35.4	85.0	14 400 *	44.2	89.7	13 800 *	51.5	92.4	12 200 *							52.0
54.0				23.6	76.7	12 100 *	31.1	81.9	13 400 *	40.7	87.5	13 000 *	48.5	90.7	11 600 *							54.0
56.0				16.6	71.1	11 300 *	26.1	78.2	12 500 *	36.9	84.9	12 400 *	45.2	88.8	10 900 *							56.0
58.0							20.0	73.4	11 700 *	32.7	82.0	11 700 *	41.8	86.7	10 400 *	49.2	89.3	9 000 *				58.0
60.0										28.0	78.5	11 100 *	38.1	84.3	9 800 *	46.0	87.4	8 500 *				60.0
62.0										22.4	74.2	10 600 *	34.0	81.5	9 300 *	42.6	85.3	8 100 *				62.0
64.0										14.8	68.1	10 000 *	29.5	78.2	8 800 *	39.0	83.0	7 600 *	46.4	85.4	6 500 *	64.0
68.0													17.5	68.8	8 000 *	30.6	77.1	6 900 *	39.5	81.0	5 800 *	68.0
72.0																19.2	68.3	6 100 *	31.3	75.3	5 200 *	72.0
76.0																			20.2	66.8	4 600 *	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating**

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

M-250 SERIES 2

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	27 800 *													32.0
34.0	55.5	100.4	20 200 *	61.8	103.0	26 600 *	65.3	104.0	26 700													34.0
36.0	52.8	99.0	18 900 *	59.2	101.8	24 700 *	62.9	103.0	25 200													36.0
38.0	49.9	97.3	17 700 *	56.6	100.6	22 400 *	60.4	101.9	23 400													38.0
40.0	46.9	95.5	16 400 *	53.9	99.2	20 500 *	57.8	100.7	21 900													40.0
42.0	43.8	93.5	15 300 *	51.1	97.6	18 800 *	55.1	99.3	20 500	61.3	101.2	18 400										42.0
44.0	40.5	91.3	14 200 *	48.2	95.9	17 300 *	52.3	97.9	19 200	58.7	100.1	17 300										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	16 300										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	15 300										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	14 400										50.0
52.0	23.5	78.2	10 700 *	34.7	86.7	12 800 *	40.0	90.0	14 200 *	47.6	94.0	13 700	54.2	96.3	12 100							52.0
54.0	17.0	72.7	9 900 *	30.5	83.5	12 000 *	36.3	87.5	13 200 *	44.5	92.0	12 900	51.4	94.7	11 400							54.0
56.0				25.7	79.7	11 200 *	32.4	84.5	12 400 *	41.2	89.8	12 200	48.5	93.0	10 800							56.0
58.0				19.9	74.8	10 400 *	27.9	81.0	11 500 *	37.7	87.4	11 600	45.4	91.1	10 200	52.1	93.2	8 900				58.0
60.0				11.5	67.5	9 400 *	22.6	76.7	10 800 *	33.9	84.5	11 000	42.2	89.0	9 700	49.2	91.6	8 400				60.0
62.0							15.8	70.8	10 100 *	29.6	81.2	10 500	38.8	86.7	9 200	46.2	89.7	7 900				62.0
64.0										24.7	77.3	9 900	35.1	83.9	8 700	43.0	87.7	7 500				64.0
68.0													26.3	77.1	7 900	36.0	82.7	6 700	43.4	85.7	5 600	68.0
72.0													12.7	65.5	7 100	27.4	76.1	6 100	36.5	80.8	5 000	72.0
76.0																14.9	65.6	5 400	28.1	74.4	4 500	76.0
80.0																			16.1	64.3	3 900	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	25 700 *													34.0
36.0	55.2	102.7	18 300 *	61.1	105.4	24 300 *	64.5	106.4	24 600 *													36.0
38.0	52.5	101.3	17 200 *	58.7	104.2	22 200 *	62.2	105.4	23 200 *													38.0
40.0	49.9	99.6	16 100 *	56.2	102.9	20 200 *	59.8	104.3	21 600 *													40.0
42.0	47.0	97.8	15 000 *	53.6	101.5	18 600 *	57.3	103.0	20 200 *													42.0
44.0	44.1	95.8	14 000 *	51.0	99.9	17 100 *	54.8	101.7	19 000 *	60.6	103.6	17 100 *										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	16 000 *										46.0
48.0	37.7	91.1	12 200 *	45.3	96.3	14 600 *	49.4	98.5	16 300 *	55.7	101.1	15 100 *										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	14 200 *										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	13 400 *	56.5	100.0	11 800 *							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	12 700 *	53.9	98.6	11 200 *							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	12 000 *	51.3	97.0	10 500 *							56.0
58.0				27.5	82.5	10 200 *	33.5	87.0	11 300 *	41.7	92.2	11 400 *	48.5	95.3	10 000 *							58.0
60.0				22.5	78.1	9 500 *	29.4	83.7	10 500 *	38.4	89.8	10 800 *	45.6	93.5	9 500 *	51.9	95.5	8 100 *				60.0
62.0				16.0	72.3	8 900 *	24.8	79.7	9 800 *	34.9	87.0	10 200 *	42.6	91.4	9 000 *	49.2	93.9	7 700 *				62.0
64.0				2.0	59.0	7 100 *	19.1	74.7	9 200 *	31.0	83.9	9 700 *	39.4	89.0	8 500 *	46.3	92.0	7 300 *				64.0
68.0										21.3	75.6	8 800 *	32.2	83.4	7 600 *	40.2	87.7	6 500 *				68.0
72.0													23.1	75.6	6 900 *	33.1	82.2	5 800 *	40.6	85.8	4 700 *	72.0
76.0													5.6	59.5	6 100 *	24.3	74.8	5 200 *	33.6	80.4	4 200 *	76.0
80.0																			25.0	73.2	3 700 *	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	24 000 *													36.0
38.0	54.8	105.1	16 700 *	60.5	107.7	22 000 *	63.7	108.8	22 900													38.0
40.0	52.4	103.6	15 700 *	58.2	106.5	20 300 *	61.5	107.8	21 400													40.0
42.0	49.8	101.9	14 700 *	55.8	105.2	18 600 *	59.2	106.6	20 100													42.0
44.0	47.1	100.1	13 800 *	53.4	103.8	17 100 *	56.9	105.4	18 800													44.0
46.0	44.4	98.2	12 900 *	50.9	102.2	15 700 *	54.5	104.0	17 600	60.1	106.0	15 800										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	14 800										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	14 000										50.0
52.0	35.0	90.8	10 500 *	42.7	96.5	12 500 *	46.7	99.0	13 900 *	52.9	101.9	13 200										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	12 500	56.1	102.3	10 900							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	11 800	53.7	100.9	10 300							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	11 200	51.1	99.4	9 800							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	10 600	48.5	97.6	9 200							60.0
62.0				24.5	81.2	8 800 *	30.7	86.3	9 700 *	39.0	92.1	10 100	45.8	95.8	8 700							62.0
64.0				19.1	76.1	8 200 *	26.6	82.6	9 000 *	35.7	89.5	9 600	43.0	93.7	8 300	49.2	96.2	7 000				64.0
68.0							15.3	71.9	7 900 *	28.1	83.0	8 600	36.8	88.8	7 400	43.7	92.3	6 300				68.0
72.0										17.8	73.4	7 800	29.4	82.6	6 700	37.5	87.6	5 600	44.1	90.3	4 500	72.0
76.0													19.8	73.7	6 000	30.4	81.5	5 000	38.0	85.7	4 000	76.0
80.0																21.1	73.1	4 400	30.9	79.8	3 500	80.0
84.0																			21.9	71.5	3 000	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	21 500 *													38.0
40.0	54.6	107.4	15 200 *	60.0	110.1	19 000 *	63.1	111.2	20 500 *													40.0
42.0	52.2	105.9	14 300 *	57.8	108.9	17 900 *	60.9	110.2	19 500 *													42.0
44.0	49.8	104.2	13 500 *	55.5	107.5	16 800 *	58.7	109.0	18 400 *													44.0
46.0	47.2	102.4	12 700 *	53.2	106.1	15 500 *	56.5	107.7	17 300 *	61.7	109.5	15 600										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	14 600										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	13 800										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	13 000										52.0
54.0	35.8	93.3	9 500 *	43.0	98.8	11 400 *	46.9	101.3	12 600 *	52.7	104.2	12 200										54.0
56.0	32.4	90.3	8 900 *	40.2	96.5	10 600 *	44.2	99.3	11 700 *	50.3	102.6	11 500	55.7	104.7	10 100							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	10 900	53.4	103.2	9 500							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	10 400	51.0	101.7	9 000							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	9 800	48.6	99.9	8 500							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	9 300	46.0	98.1	8 000	51.6	100.1	6 800				64.0
68.0				15.5	73.4	6 900 *	23.7	81.2	7 600 *	33.2	89.0	8 400	40.5	93.8	7 200	46.6	96.6	6 000				68.0
72.0										25.4	81.8	7 600	34.2	88.4	6 500	41.1	92.4	5 300	47.0	94.6	4 200	72.0
76.0										14.0	70.3	6 800	26.7	81.5	5 800	35.0	87.2	4 700	41.5	90.5	3 700	76.0
80.0													16.2	71.2	5 100	27.7	80.6	4 200	35.4	85.4	3 200	80.0
84.0																17.8	70.8	3 700	28.2	78.8	2 800	84.0
88.0																			18.6	69.4	2 400	88.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	44 400 b													24.0
26.0				40.5	74.1	41 000 *	52.0	76.6	40 100 b													26.0
28.0				31.1	71.2	37 900 *	44.7	74.8	36 600													28.0
30.0				17.4	66.6	33 400 *	36.2	72.4	33 600	55.3	76.3	30 900 b										30.0
32.0							25.4	68.9	30 900	48.4	74.6	28 400										32.0
34.0										40.6	72.5	26 300										34.0
36.0										31.2	69.6	24 500	51.5	73.8	22 400							36.0
38.0										17.6	65.0	22 800	44.1	71.9	20 800							38.0
40.0													35.5	69.4	19 500							40.0
42.0													24.4	65.8	18 300	46.8	70.7	16 500				42.0
44.0																38.8	68.4	15 600				44.0
46.0																28.8	65.3	14 600				46.0
48.0																			41.0	66.7	12 400	48.0
50.0																			31.7	63.8	11 700	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	43 800 b													24.0
26.0	28.7	72.4	31 600 *	48.4	78.5	40 000 *	57.5	80.4	39 900 b													26.0
28.0				41.7	76.5	37 300 *	51.6	79.0	36 400													28.0
30.0				33.8	73.8	33 700 *	45.3	77.1	33 400	60.2	79.9	30 600 b										30.0
32.0				23.8	70.0	30 100 *	38.1	74.8	30 800	54.6	78.6	28 200										32.0
34.0							29.4	71.7	28 500	48.5	76.9	26 100										34.0
36.0							16.9	66.8	26 400	41.7	74.9	24 300										36.0
38.0										33.9	72.2	22 700	51.2	76.1	20 600							38.0
40.0										23.9	68.4	21 200	44.7	74.3	19 300							40.0
42.0													37.5	71.9	18 100							42.0
44.0													28.6	68.7	17 000							44.0
46.0																47.1	73.0	15 300				46.0
48.0																40.2	70.8	14 400				48.0
50.0																32.0	68.0	13 600				50.0
52.0																21.1	63.8	12 800				52.0
54.0																			42.1	69.0	11 400	54.0
																			34.3	66.4	10 700	
																			24.4	62.7	10 100	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	39 700													26.0
28.0	31.6	75.0	28 700 *	48.5	80.8	36 900 *	56.6	82.8	36 200													28.0
30.0	22.1	70.9	26 000 *	42.6	78.8	34 000 *	51.3	81.3	33 200													30.0
32.0				35.8	76.3	30 300 *	45.7	79.4	30 600	59.0	82.3	28 000										32.0
34.0				27.7	72.9	27 400 *	39.4	77.2	28 300	54.0	80.9	25 900										34.0
36.0				16.0	67.7	24 900 *	32.1	74.3	26 400	48.5	79.2	24 100										36.0
38.0							22.8	70.3	24 600	42.6	77.2	22 500										38.0
40.0										35.9	74.7	21 100	50.9	78.4	19 000							40.0
42.0										27.8	71.4	19 700	45.2	76.6	17 900							42.0
44.0										16.1	66.2	18 500	38.9	74.3	16 800							44.0
46.0													31.5	71.4	15 800	47.3	75.3	14 200				46.0
48.0													21.9	67.2	14 900	41.2	73.2	13 400				48.0
50.0																34.3	70.5	12 600				50.0
52.0																25.7	66.9	11 900	42.9	71.4	10 500	52.0
54.0																			36.2	68.9	10 000	54.0
56.0																			28.2	65.6	9 400	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	39 000													26.0
28.0	40.1	80.3	28 600 *	53.4	84.8	36 000 *	60.3	86.4	36 000													28.0
30.0	33.7	77.6	25 900 *	48.5	83.1	33 600 *	55.8	85.1	33 000													30.0
32.0	26.0	74.0	23 600 *	43.2	81.1	30 300 *	51.1	83.6	30 400	62.4	85.8	27 700										32.0
34.0				37.3	78.7	27 400 *	46.0	81.7	28 200	58.1	84.6	25 600										34.0
36.0				30.5	75.7	24 900 *	40.5	79.6	26 200	53.5	83.2	23 800										36.0
38.0				21.7	71.4	22 700 *	34.2	76.9	24 400	48.6	81.5	22 200										38.0
40.0							26.5	73.3	22 800	43.3	79.5	20 800	55.5	82.3	18 800							40.0
42.0							15.7	68.0	21 400	37.4	77.1	19 500	50.7	80.7	17 600							42.0
44.0										30.5	74.1	18 300	45.6	78.9	16 500							44.0
46.0										21.7	69.9	17 300	40.0	76.7	15 600							46.0
48.0													33.6	73.9	14 700	47.5	77.6	13 100				48.0
50.0													25.9	70.3	13 900	42.1	75.5	12 300				50.0
52.0																36.0	73.0	11 600				52.0
54.0																28.9	69.7	11 000	43.5	73.7	9 700	54.0
56.0																19.4	65.1	10 400	37.7	71.3	9 100	56.0
58.0																			30.9	68.3	8 600	58.0
60.0																			22.2	64.1	8 200	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	37 700 *													26.0
28.0	46.0	84.8	28 300 *	57.2	88.5	35 000 *	63.2	89.8	35 600 *													28.0
30.0	41.0	82.7	25 900 *	53.0	87.1	33 100 *	59.3	88.7	32 800													30.0
32.0	35.4	80.1	23 700 *	48.6	85.4	31 000 *	55.2	87.4	30 200													32.0
34.0	28.8	76.8	21 700 *	43.8	83.5	28 000 *	50.9	85.9	27 900	61.3	88.1	25 400										34.0
36.0	20.4	72.3	20 000 *	38.5	81.1	25 400 *	46.3	84.0	26 000	57.3	86.9	23 600										36.0
38.0				32.5	78.3	23 200 *	41.3	81.9	24 200	53.1	85.5	22 000										38.0
40.0				25.3	74.5	21 300 *	35.7	79.3	22 700	48.6	83.8	20 600										40.0
42.0				15.1	68.9	19 500 *	29.3	76.1	21 300	43.8	81.9	19 300	54.9	84.6	17 300							42.0
44.0							21.0	71.7	20 000	38.6	79.5	18 200	50.6	83.0	16 300							44.0
46.0										32.6	76.7	17 100	45.9	81.2	15 300							46.0
48.0										25.4	73.0	16 100	40.9	79.0	14 500							48.0
50.0										15.2	67.3	15 200	35.3	76.4	13 700	47.6	79.9	12 100				50.0
52.0													28.7	73.1	12 900	42.8	77.8	11 400				52.0
54.0													20.2	68.6	12 200	37.4	75.4	10 800				54.0
56.0																31.2	72.4	10 200	44.1	76.0	8 900	56.0
58.0																23.6	68.4	9 700	38.8	73.7	8 400	58.0
60.0																			32.9	70.9	7 900	60.0
62.0																			25.8	67.2	7 500	62.0
64.0																			15.8	61.7	7 100	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	34 600 *													28.0
30.0	46.3	87.1	25 300 *	56.6	90.9	32 200 *	62.1	92.2	32 500													30.0
32.0	41.7	85.0	23 200 *	52.7	89.4	30 500 *	58.5	91.1	29 900													32.0
34.0	36.7	82.5	21 300 *	48.6	87.7	27 800 *	54.7	89.7	27 700													34.0
36.0	31.0	79.5	19 600 *	44.3	85.8	25 200 *	50.8	88.2	25 700	60.3	90.5	23 300										36.0
38.0	24.0	75.5	18 100 *	39.5	83.5	23 000 *	46.5	86.4	24 000	56.6	89.3	21 700										38.0
40.0				34.2	80.8	21 200 *	42.0	84.3	22 500	52.7	87.8	20 300										40.0
42.0				28.0	77.4	19 500 *	37.0	81.8	21 100	48.6	86.1	19 100										42.0
44.0				20.1	72.8	18 000 *	31.3	78.8	19 800	44.3	84.2	17 900	54.4	86.9	16 000							44.0
46.0							24.5	74.9	18 600	39.5	81.9	16 900	50.4	85.3	15 100							46.0
48.0							14.9	69.1	17 400 *	34.2	79.2	15 900	46.2	83.5	14 200							48.0
50.0										28.1	75.8	15 000	41.6	81.4	13 400							50.0
52.0										20.2	71.2	14 200	36.6	78.9	12 700	47.7	82.2	11 100				52.0
54.0													30.9	75.8	12 000	43.3	80.2	10 500				54.0
56.0													23.9	71.8	11 400	38.5	77.8	9 900				56.0
58.0																33.0	75.0	9 400	44.5	78.3	8 100	58.0
60.0																26.6	71.4	8 900	39.8	76.1	7 700	60.0
62.0																18.1	66.4	8 500	34.5	73.4	7 300	62.0
64.0																			28.4	70.0	6 800	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	32 000 *													30.0
32.0	46.5	89.5	22 700 *	56.0	93.2	30 000 *	61.2	94.6	29 800													32.0
34.0	42.3	87.4	21 000 *	52.4	91.7	28 100 *	57.8	93.4	27 600													34.0
36.0	37.8	84.9	19 300 *	48.6	90.0	25 400 *	54.3	92.0	25 600													36.0
38.0	32.7	82.0	17 800 *	44.6	88.1	23 100 *	50.6	90.5	23 900	59.5	92.9	21 600										38.0
40.0	26.7	78.5	16 500 *	40.3	85.9	21 200 *	46.7	88.7	22 400	56.0	91.6	20 200										40.0
42.0	19.1	73.6	15 300 *	35.5	83.3	19 500 *	42.6	86.6	21 000	52.5	90.1	18 900										42.0
44.0				30.1	80.1	18 100 *	38.1	84.2	19 700	48.7	88.4	17 800										44.0
46.0				23.6	76.0	16 700 *	33.0	81.3	18 600	44.7	86.5	16 700	54.0	89.2	14 900							46.0
48.0				14.4	70.0	15 500 *	27.1	77.8	17 400 *	40.3	84.3	15 800	50.3	87.6	14 100							48.0
50.0							19.7	73.0	16 100 *	35.6	81.7	14 900	46.4	85.8	13 300							50.0
52.0										30.2	78.5	14 100	42.2	83.7	12 500	51.7	86.2	11 000				52.0
54.0										23.6	74.5	13 400	37.7	81.3	11 900	47.8	84.5	10 400				54.0
56.0										14.5	68.5	12 700	32.6	78.4	11 300	43.8	82.5	9 800				56.0
58.0													26.6	74.8	10 700	39.4	80.2	9 300				58.0
60.0													19.0	69.9	10 100	34.5	77.5	8 800	44.9	80.7	7 500	60.0
62.0																28.9	74.2	8 400	40.5	78.4	7 200	62.0
64.0																22.0	69.9	7 900	35.8	75.8	6 800	64.0
68.0																			24.0	68.7	6 000	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	30 900 *													30.0
32.0	50.3	93.6	22 100 *	58.7	96.8	29 100 *	63.4	98.1	29 400 *													32.0
34.0	46.7	91.8	20 500 *	55.5	95.5	27 600 *	60.4	97.0	27 400													34.0
36.0	42.8	89.7	19 000 *	52.2	94.0	25 200 *	57.2	95.7	25 400													36.0
38.0	38.7	87.3	17 500 *	48.7	92.3	23 000 *	53.9	94.3	23 700													38.0
40.0	34.1	84.6	16 200 *	45.0	90.4	21 000 *	50.5	92.8	22 100	58.8	95.2	19 900										40.0
42.0	28.8	81.2	15 000 *	41.0	88.2	19 300 *	46.9	91.0	20 800	55.6	93.9	18 700										42.0
44.0	22.5	77.0	14 000 *	36.6	85.7	17 900 *	43.1	88.9	19 500	52.2	92.4	17 500										44.0
46.0				31.8	82.7	16 500 *	38.9	86.6	18 400	48.7	90.7	16 500	57.0	92.9	14 700							46.0
48.0				26.2	79.0	15 300 *	34.4	83.8	17 200 *	45.0	88.8	15 600	53.7	91.5	13 800							48.0
50.0				19.0	74.1	14 300 *	29.2	80.5	15 900 *	41.0	86.6	14 700	50.2	89.9	13 000							50.0
52.0							23.0	76.4	14 800 *	36.7	84.1	13 900	46.6	88.1	12 300							52.0
54.0							14.3	70.3	13 800 *	31.8	81.1	13 200	42.8	86.0	11 600	51.5	88.5	10 100				54.0
56.0										26.2	77.4	12 500	38.6	83.7	11 000	47.9	86.8	9 600				56.0
58.0										19.1	72.5	11 900	34.0	80.9	10 400	44.2	84.8	9 000				58.0
60.0													28.8	77.6	9 900	40.1	82.6	8 600				60.0
62.0													22.4	73.3	9 400	35.7	80.0	8 100	45.2	83.0	6 900	62.0
64.0													13.4	66.9	8 900	30.7	76.8	7 700	41.2	80.8	6 500	64.0
68.0																17.2	67.6	6 900	32.1	75.3	5 800	68.0
72.0																			19.4	66.8	5 200	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	28 500 *													32.0
34.0	50.2	95.9	20 000 *	58.1	99.2	27 000 *	62.5	100.5	27 100													34.0
36.0	46.8	94.1	18 600 *	55.1	97.8	25 400 *	59.6	99.3	25 200													36.0
38.0	43.3	92.0	17 200 *	52.0	96.3	23 200 *	56.7	98.1	23 500													38.0
40.0	39.4	89.7	16 000 *	48.7	94.6	21 200 *	53.6	96.6	21 900	61.1	98.8	19 700										40.0
42.0	35.2	87.0	14 800 *	45.2	92.7	19 500 *	50.4	95.1	20 600	58.2	97.6	18 400										42.0
44.0	30.6	83.9	13 800 *	41.6	90.6	18 000 *	47.0	93.3	19 300	55.1	96.2	17 300										44.0
46.0	25.1	80.0	12 800 *	37.6	88.1	16 600 *	43.5	91.3	18 200	52.0	94.7	16 300										46.0
48.0	18.2	74.9	12 000 *	33.2	85.3	15 400 *	39.7	89.0	17 200	48.7	93.0	15 300	56.5	95.3	13 600							48.0
50.0				28.2	81.8	14 300 *	35.5	86.3	16 100	45.3	91.1	14 500	53.4	93.8	12 800							50.0
52.0				22.2	77.5	13 400 *	30.9	83.2	14 900 *	41.6	89.0	13 700	50.2	92.2	12 000							52.0
54.0				13.9	71.2	12 300 *	25.5	79.4	13 900 *	37.6	86.5	13 000	46.8	90.4	11 400							54.0
56.0							18.7	74.3	13 000 *	33.2	83.7	12 300	43.2	88.4	10 800							56.0
58.0										28.3	80.2	11 700	39.4	86.1	10 200	48.0	89.1	8 800				58.0
60.0										22.3	75.9	11 100	35.2	83.4	9 700	44.5	87.1	8 300				60.0
62.0										14.0	69.6	10 500	30.5	80.2	9 200	40.8	84.9	7 900				62.0
64.0													25.0	76.3	8 700	36.7	82.4	7 500	45.4	85.3	6 300	64.0
68.0																27.1	75.8	6 700	37.8	80.7	5 600	68.0
72.0																			28.5	74.5	4 900	72.0
76.0																			14.5	64.0	4 400	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	27 400 *													32.0
34.0	53.1	99.8	19 500 *	60.3	102.7	26 100 *	64.4	103.9	26 300 *													34.0
36.0	50.1	98.2	18 100 *	57.6	101.5	24 900 *	61.7	102.8	24 900													36.0
38.0	47.0	96.4	16 900 *	54.7	100.1	22 900 *	59.0	101.7	23 200													38.0
40.0	43.6	94.4	15 700 *	51.8	98.6	20 900 *	56.2	100.4	21 700													40.0
42.0	40.1	92.1	14 600 *	48.7	96.9	19 300 *	53.3	99.0	20 300	60.4	101.1	18 200										42.0
44.0	36.2	89.5	13 600 *	45.5	95.0	17 700 *	50.3	97.4	19 100	57.6	99.9	17 100										44.0
46.0	32.0	86.5	12 700 *	42.1	92.9	16 400 *	47.2	95.6	18 000	54.8	98.5	16 000										46.0
48.0	27.2	82.9	11 800 *	38.4	90.5	15 200 *	43.8	93.6	16 900	51.8	97.0	15 100										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	14 200	56.0	97.6	12 500							50.0
52.0				29.9	84.5	13 200 *	36.5	88.8	14 700 *	45.5	93.4	13 400	53.1	96.1	11 800							52.0
54.0				24.7	80.6	12 300 *	32.3	85.8	13 600 *	42.1	91.3	12 700	50.1	94.5	11 100							54.0
56.0				18.1	75.3	11 500 *	27.5	82.2	12 700 *	38.4	88.9	12 000	46.9	92.7	10 500							56.0
58.0							21.7	77.8	11 900 *	34.4	86.2	11 400	43.6	90.7	9 900	51.2	93.1	8 500				58.0
60.0							13.9	71.4	11 000 *	29.9	82.9	10 800	40.0	88.4	9 400	48.1	91.4	8 000				60.0
62.0										24.7	79.0	10 300	36.2	85.8	9 000	44.8	89.5	7 600				62.0
64.0										18.2	73.8	9 800	31.9	82.8	8 500	41.3	87.3	7 200				64.0
68.0													21.2	74.7	7 600	33.5	82.0	6 400	42.2	85.5	5 300	68.0
72.0																23.5	74.4	5 700	34.6	80.3	4 700	72.0
76.0																			25.0	73.2	4 100	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	25 400 *													34.0
36.0	52.9	102.1	17 700 *	59.7	105.1	24 300 *	63.5	106.3	24 300 *													36.0
38.0	50.1	100.5	16 500 *	57.1	103.8	22 800 *	61.0	105.2	23 100													38.0
40.0	47.1	98.7	15 400 *	54.4	102.5	20 800 *	58.5	104.0	21 600													40.0
42.0	44.0	96.7	14 400 *	51.6	100.9	19 100 *	55.8	102.7	20 200													42.0
44.0	40.7	94.4	13 400 *	48.7	99.2	17 600 *	53.1	101.3	19 000	59.7	103.5	16 900										44.0
46.0	37.1	91.9	12 500 *	45.7	97.4	16 200 *	50.2	99.7	17 800	57.1	102.2	15 900										46.0
48.0	33.2	89.0	11 700 *	42.5	95.3	15 100 *	47.3	97.9	16 800	54.4	100.9	14 900										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	14 100										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	13 300	55.6	99.9	11 600							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	12 600	52.9	98.4	11 000							54.0
56.0				26.7	83.5	11 300 *	33.5	88.3	12 600 *	42.5	93.7	12 000	50.0	96.8	10 400							56.0
58.0				21.1	78.9	10 600 *	29.2	85.0	11 800 *	39.1	91.3	11 300	47.0	95.0	9 800							58.0
60.0				13.5	72.3	9 700 *	24.1	80.9	10 900 *	35.4	88.6	10 700	43.9	93.0	9 300	51.0	95.4	7 900				60.0
62.0							17.8	75.6	10 200 *	31.3	85.6	10 200	40.6	90.8	8 800	48.1	93.7	7 500				62.0
64.0							7.3	66.3	9 200 *	26.7	81.9	9 700	37.0	88.3	8 300	45.1	91.8	7 100				64.0
68.0										13.6	70.7	8 800	28.8	82.0	7 500	38.3	87.2	6 300	45.9	89.9	5 100	68.0
72.0													17.3	72.4	6 800	30.4	81.3	5 700	39.3	85.5	4 600	72.0
76.0																19.8	72.6	5 100	31.5	79.8	4 000	76.0
80.0																			21.5	71.6	3 500	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	24 600 *													34.0
36.0	55.3	105.9	17 100 *	61.6	108.6	23 700 *	65.1	109.7	23 600 *													36.0
38.0	52.7	104.4	16 100 *	59.1	107.4	22 700 *	62.8	108.7	22 700 *													38.0
40.0	50.0	102.8	15 100 *	56.7	106.2	20 900 *	60.4	107.6	21 300													40.0
42.0	47.2	101.0	14 100 *	54.1	104.8	19 100 *	58.0	106.4	20 000													42.0
44.0	44.3	99.0	13 200 *	51.5	103.2	17 600 *	55.4	105.0	18 700													44.0
46.0	41.2	96.8	12 400 *	48.7	101.5	16 200 *	52.9	103.6	17 600	59.2	105.8	15 600										46.0
48.0	37.8	94.3	11 500 *	45.9	99.7	15 000 *	50.2	102.0	16 600	56.7	104.6	14 700										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	13 900										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	13 100	57.8	103.6	11 400							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	12 400	55.3	102.2	10 700							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	11 700	52.7	100.7	10 100							56.0
58.0				28.3	86.3	10 400 *	34.5	90.8	11 600 *	42.9	96.0	11 100	50.0	99.1	9 600							58.0
60.0				23.5	82.1	9 700 *	30.6	87.6	10 800 *	39.7	93.7	10 500	47.2	97.3	9 100							60.0
62.0				17.4	76.6	9 100 *	26.1	83.9	10 100 *	36.3	91.1	10 000	44.2	95.3	8 600	50.9	97.7	7 200				62.0
64.0				7.3	67.1	7 900 *	20.8	79.2	9 400 *	32.5	88.1	9 500	41.1	93.1	8 100	48.2	96.0	6 800				64.0
68.0										23.5	80.5	8 500	34.2	87.9	7 300	42.2	92.0	6 000				68.0
72.0													25.7	80.8	6 600	35.5	86.9	5 400	43.0	90.1	4 300	72.0
76.0													12.8	69.1	5 900	27.4	80.3	4 800	36.4	85.3	3 700	76.0
80.0																15.8	70.0	4 200	28.6	78.9	3 300	80.0
84.0																			17.8	69.3	2 800	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	22 700 *													36.0
38.0	55.0	108.2	15 600 *	60.9	111.0	21 800 *	64.3	112.1	21 900 *													38.0
40.0	52.5	106.7	14 700 *	58.6	109.8	20 700 *	62.1	111.1	21 000													40.0
42.0	49.9	105.1	13 800 *	56.3	108.5	18 900 *	59.8	109.9	19 800													42.0
44.0	47.3	103.3	13 000 *	53.9	107.1	17 300 *	57.5	108.7	18 500													44.0
46.0	44.5	101.3	12 100 *	51.4	105.5	16 000 *	55.1	107.4	17 400	61.0	109.4	15 400										46.0
48.0	41.6	99.1	11 400 *	48.8	103.8	14 800 *	52.7	105.9	16 400	58.7	108.2	14 500										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	13 600										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	12 900										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	12 200										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	11 500	54.9	104.5	9 900							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	10 900	52.5	103.0	9 400							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	10 300	49.9	101.4	8 800							60.0
62.0				25.4	85.1	8 900 *	31.8	90.2	9 900 *	40.2	96.0	9 800	47.3	99.6	8 400							62.0
64.0				20.2	80.2	8 300 *	27.7	86.7	9 200 *	37.0	93.5	9 300	44.5	97.7	7 900	50.8	100.0	6 600				64.0
68.0							17.2	76.8	8 000 *	29.8	87.4	8 400	38.5	93.1	7 100	45.5	96.4	5 800				68.0
72.0										20.3	78.6	7 500	31.5	87.3	6 400	39.6	92.0	5 200	46.2	94.5	4 000	72.0
76.0													22.7	79.3	5 700	32.8	86.4	4 600	40.4	90.2	3 500	76.0
80.0																24.4	79.0	4 100	33.8	84.8	3 100	80.0
84.0																			25.7	77.7	2 600	84.0
88.0																			13.7	66.3	2 200	88.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	20 900 *													38.0
40.0	54.7	110.5	14 200 *	60.4	113.3	19 100 *	63.6	114.5	20 200 *													40.0
42.0	52.3	109.0	13 400 *	58.2	112.1	18 100 *	61.5	113.5	19 400													42.0
44.0	49.9	107.4	12 600 *	55.9	110.8	17 000 *	59.3	112.3	18 300													44.0
46.0	47.4	105.6	11 900 *	53.6	109.4	15 700 *	57.1	111.0	17 200	62.5	112.8	15 100										46.0
48.0	44.8	103.6	11 200 *	51.2	107.8	14 500 *	54.8	109.7	16 200	60.4	111.7	14 200										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	13 400										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	12 600										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	11 900										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	11 300										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	10 600	54.6	106.9	9 100							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	10 100	52.3	105.4	8 600							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	9 500	49.9	103.7	8 100							62.0
64.0	12.6	73.9	6 300 *	27.0	87.9	8 000 *	32.8	92.8	8 900 *	40.7	98.4	9 100	47.3	101.9	7 700							64.0
68.0				16.8	77.8	7 000 *	24.9	85.4	7 800 *	34.5	93.1	8 100	42.0	97.8	6 800	48.2	100.6	5 600				68.0
72.0							13.2	73.6	6 700 *	27.1	86.3	7 300	35.9	92.8	6 100	43.0	96.6	4 900				72.0
76.0										16.8	76.2	6 600	28.8	86.4	5 500	37.1	91.8	4 300	43.7	94.8	3 200	76.0
80.0													19.5	77.3	4 900	30.2	85.7	3 800	37.9	90.1	2 800	80.0
84.0																21.4	77.3	3 300	31.2	84.2	2 400	84.0
88.0																			22.8	76.2	2 000	88.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	43 600 b													24.0
26.0				42.1	77.6	39 700 *	53.8	80.1	39 700 b													26.0
28.0				33.0	74.9	37 300 *	46.7	78.3	36 200													28.0
30.0				20.7	70.7	34 400 *	38.6	76.1	33 200	57.9	79.7	30 300 b										30.0
32.0							28.6	73.0	30 600	51.2	78.3	27 900 b										32.0
34.0										43.8	76.4	25 800										34.0
36.0										35.2	73.8	24 100										36.0
38.0										23.9	70.2	22 400	48.1	75.8	20 300							38.0
40.0										40.2	73.7	19 000										40.0
42.0										30.7	70.8	17 800										42.0
44.0										16.7	66.0	16 700				44.1	72.7	14 900				44.0
46.0																35.5	70.2	14 000				46.0
48.0																24.4	66.6	13 200				48.0
50.0																			38.9	68.7	11 000	50.0
52.0																			29.0	65.6	10 400	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	43 000 b													24.0
26.0	29.3	75.6	31 900 *	49.6	81.9	38 700 *	59.0	83.8	39 500 b													26.0
28.0				43.0	79.9	36 400 *	53.2	82.4	36 000													28.0
30.0				35.4	77.4	34 200 *	47.0	80.6	33 000													30.0
32.0				25.9	73.9	30 900 *	40.1	78.5	30 400	56.8	82.1	27 700										32.0
34.0							31.9	75.6	28 200	50.9	80.6	25 600										34.0
36.0							20.9	71.4	26 200	44.5	78.7	23 800										36.0
38.0										37.2	76.3	22 200										38.0
40.0										28.2	73.1	20 800	48.2	78.1	18 700							40.0
42.0										14.8	67.7	19 400	41.4	76.1	17 500							42.0
44.0													33.5	73.4	16 500							44.0
46.0													23.3	69.5	15 500							46.0
48.0																44.7	75.0	13 800				48.0
50.0																37.4	72.7	13 000				50.0
52.0																28.6	69.5	12 300				52.0
54.0																			40.3	71.1	10 100	54.0
56.0																			32.2	68.3	9 600	56.0
																			21.4	64.2	9 000	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	38 500 b													26.0
28.0	32.0	78.3	28 700 *	49.5	84.2	35 500 *	57.9	86.1	35 900													28.0
30.0	22.7	74.3	26 100 *	43.7	82.2	33 500 *	52.8	84.7	32 800													30.0
32.0				37.1	79.8	31 000 *	47.2	83.0	30 300	60.9	85.7	27 400										32.0
34.0				29.4	76.7	27 900 *	41.2	80.8	28 000	56.0	84.4	25 400										34.0
36.0				18.8	72.0	25 300 *	34.2	78.2	26 100	50.7	82.9	23 600										36.0
38.0							25.6	74.6	24 300	45.0	81.0	22 000										38.0
40.0										38.6	78.7	20 600	53.7	82.1	18 500							40.0
42.0										31.2	75.7	19 300	48.3	80.4	17 300							42.0
44.0										21.5	71.6	18 200	42.3	78.4	16 300							44.0
46.0													35.5	75.9	15 300	50.9	79.2	13 500				46.0
48.0													27.3	72.5	14 500	45.2	77.3	12 800				48.0
50.0													15.4	67.1	13 600	38.9	75.1	12 000				50.0
52.0																31.5	72.1	11 400	47.4	75.6	9 900	52.0
54.0																21.9	68.0	10 800	41.4	73.5	9 300	54.0
56.0																			34.4	70.8	8 800	56.0
58.0																			25.9	67.3	8 300	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	37 200 *													26.0
28.0	40.4	83.5	27 900 *	54.3	88.1	34 500 *	61.4	89.7	35 100													28.0
30.0	34.1	80.8	25 500 *	49.5	86.5	32 600 *	57.0	88.4	32 700													30.0
32.0	26.5	77.3	23 400 *	44.3	84.6	30 800 *	52.4	87.0	30 000													32.0
34.0				38.5	82.2	27 900 *	47.4	85.3	27 800	59.8	88.0	25 100										34.0
36.0				31.8	79.3	25 300 *	42.0	83.2	25 900	55.3	86.7	23 300										36.0
38.0				23.5	75.4	23 100 *	35.9	80.6	24 200	50.5	85.2	21 800										38.0
40.0							28.7	77.4	22 600	45.4	83.3	20 400										40.0
42.0							19.2	72.7	21 200	39.8	81.1	19 100	53.2	84.4	17 000							42.0
44.0										33.4	78.3	18 000	48.3	82.7	16 000							44.0
46.0										25.5	74.7	16 900	43.0	80.7	15 100							46.0
48.0										14.0	68.9	15 900	37.1	78.3	14 200	50.7	81.5	12 500				48.0
50.0													30.2	75.2	13 400	45.6	79.6	11 800				50.0
52.0													21.2	70.9	12 700	40.0	77.4	11 100				52.0
54.0																33.6	74.7	10 500				54.0
56.0																25.9	71.1	9 900				56.0
58.0																			42.2	75.8	8 500	58.0
60.0																			36.2	73.3	8 000	60.0
62.0																			29.0	70.1	7 600	62.0
																			19.6	65.5	7 200	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	34 100 *													28.0
30.0	41.3	85.9	24 900 *	53.8	90.4	31 800 *	60.4	92.0	32 200													30.0
32.0	35.7	83.3	22 900 *	49.4	88.8	30 100 *	56.3	90.8	29 800													32.0
34.0	29.2	80.0	21 000 *	44.7	86.9	28 400 *	52.1	89.3	27 600													34.0
36.0	20.9	75.6	19 400 *	39.6	84.6	25 900 *	47.6	87.6	25 700	58.9	90.4	23 100										36.0
38.0				33.7	81.9	23 600 *	42.7	85.5	23 900	54.8	89.0	21 500										38.0
40.0				26.8	78.3	21 700 *	37.3	83.1	22 400	50.4	87.5	20 200										40.0
42.0				17.5	73.3	20 000 *	31.1	80.1	21 000	45.8	85.6	18 900										42.0
44.0							23.5	76.1	19 800	40.7	83.4	17 700	52.9	86.7	15 700							44.0
46.0										35.1	80.8	16 700	48.4	85.0	14 800							46.0
48.0										28.4	77.5	15 800	43.6	83.1	14 000							48.0
50.0										19.8	72.9	14 900	38.3	80.7	13 200							50.0
52.0													32.3	77.8	12 400	45.9	82.0	10 900				52.0
54.0													25.0	74.0	11 800	40.9	79.8	10 300				54.0
56.0													14.5	68.3	11 100	35.3	77.2	9 700				56.0
58.0																28.7	73.9	9 200	42.9	78.1	7 800	58.0
60.0																20.2	69.4	8 700	37.5	75.7	7 400	60.0
62.0																			31.3	72.7	7 000	62.0
64.0																			23.8	68.8	6 600	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	33 200 *													28.0
30.0	46.5	90.3	24 300 *	57.3	94.1	31 200 *	63.1	95.5	31 500 *													30.0
32.0	42.0	88.2	22 400 *	53.4	92.7	29 500 *	59.5	94.4	29 600													32.0
34.0	37.0	85.7	20 600 *	49.4	91.1	28 000 *	55.7	93.1	27 300													34.0
36.0	31.3	82.7	19 000 *	45.1	89.2	26 000 *	51.8	91.6	25 400													36.0
38.0	24.4	78.8	17 500 *	40.4	87.0	23 600 *	47.7	89.9	23 700	58.1	92.7	21 300										38.0
40.0				35.2	84.4	21 600 *	43.2	87.8	22 200	54.3	91.3	19 900										40.0
42.0				29.3	81.1	19 900 *	38.4	85.5	20 800	50.3	89.8	18 600										42.0
44.0				21.8	76.8	18 400 *	32.9	82.6	19 600	46.0	87.9	17 500										44.0
46.0							26.5	79.0	18 400	41.5	85.8	16 500	52.6	89.0	14 500							46.0
48.0							18.0	74.0	17 400	36.4	83.3	15 500	48.5	87.3	13 700							48.0
50.0										30.6	80.2	14 700	44.1	85.4	12 900							50.0
52.0										23.6	76.2	13 900	39.3	83.1	12 200	50.4	86.1	10 600				52.0
54.0										13.4	70.0	13 100	34.0	80.3	11 500	46.2	84.3	10 000				54.0
56.0													27.7	76.9	11 000	41.6	82.1	9 400				56.0
58.0													19.8	72.2	10 400	36.6	79.6	8 900	47.8	82.5	7 500	58.0
60.0																30.9	76.6	8 400	43.4	80.5	7 100	60.0
62.0																23.9	72.6	8 000	38.6	78.1	6 700	62.0
64.0																13.9	66.5	7 600	33.1	75.3	6 300	64.0
68.0																			18.3	66.8	5 600	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	30 600 *													30.0
32.0	46.7	92.6	21 900 *	56.7	96.5	28 800 *	62.1	97.9	29 100 *													32.0
34.0	42.5	90.5	20 200 *	53.1	95.0	27 400 *	58.7	96.7	27 300													34.0
36.0	38.0	88.1	18 600 *	49.4	93.4	25 800 *	55.2	95.4	25 300													36.0
38.0	33.0	85.3	17 300 *	45.4	91.5	23 600 *	51.6	93.9	23 600													38.0
40.0	27.1	81.7	16 000 *	41.1	89.3	21 600 *	47.8	92.2	22 100	57.4	95.1	19 700										40.0
42.0	19.6	77.0	14 800 *	36.5	86.8	19 800 *	43.7	90.2	20 800	53.9	93.7	18 500										42.0
44.0				31.2	83.8	18 300 *	39.3	87.9	19 500	50.2	92.1	17 400										44.0
46.0				24.9	79.9	17 000 *	34.4	85.1	18 400	46.3	90.2	16 400	55.9	92.8	14 400							46.0
48.0				16.5	74.5	15 700 *	28.8	81.8	17 300	42.1	88.1	15 400	52.3	91.3	13 600							48.0
50.0							21.9	77.5	16 400	37.5	85.7	14 600	48.5	89.6	12 800							50.0
52.0										32.4	82.8	13 800	44.5	87.7	12 100							52.0
54.0										26.4	79.1	13 100	40.1	85.5	11 500	50.3	88.4	9 800				54.0
56.0										18.6	74.2	12 400	35.3	82.8	10 900	46.4	86.6	9 300				56.0
58.0													29.9	79.6	10 300	42.2	84.5	8 800				58.0
60.0													23.3	75.5	9 700	37.7	82.1	8 300				60.0
62.0													13.9	69.4	9 200	32.6	79.1	7 900	43.9	82.8	6 600	62.0
64.0																26.6	75.5	7 500	39.5	80.5	6 200	64.0
68.0																			29.0	74.5	5 500	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	28 100 *													32.0
34.0	46.9	94.9	19 700 *	56.1	98.8	26 600 *	61.2	100.3	26 700													34.0
36.0	43.0	92.9	18 300 *	52.8	97.3	25 300 *	58.1	99.1	25 100													36.0
38.0	38.9	90.5	16 900 *	49.3	95.7	23 400 *	54.8	97.7	23 400													38.0
40.0	34.3	87.8	15 700 *	45.7	93.8	21 400 *	51.4	96.2	21 900	60.0	98.6	19 500										40.0
42.0	29.1	84.5	14 500 *	41.7	91.7	19 600 *	47.9	94.5	20 500	56.8	97.4	18 300										42.0
44.0	22.9	80.3	13 600 *	37.5	89.2	18 100 *	44.1	92.5	19 300	53.5	96.0	17 200										44.0
46.0				32.7	86.3	16 800 *	40.1	90.2	18 200	50.1	94.4	16 100										46.0
48.0				27.3	82.8	15 600 *	35.6	87.6	17 100	46.5	92.6	15 200	55.4	95.1	13 300							48.0
50.0				20.5	78.2	14 500 *	30.6	84.5	16 200	42.6	90.5	14 400	52.0	93.6	12 500							50.0
52.0							24.8	80.6	15 100 *	38.4	88.1	13 600	48.5	91.9	11 800							52.0
54.0							17.0	75.2	14 100 *	33.8	85.3	12 900	44.8	90.0	11 200							54.0
56.0										28.6	81.9	12 200	40.8	87.8	10 600	50.2	90.7	9 000				56.0
58.0										22.2	77.6	11 500	36.5	85.3	10 000	46.6	88.9	8 500				58.0
60.0										13.0	71.1	10 900	31.6	82.3	9 500	42.8	86.8	8 100				60.0
62.0													25.9	78.5	9 000	38.6	84.4	7 600				62.0
64.0													18.7	73.5	8 600	34.0	81.7	7 200	44.2	85.1	5 900	64.0
68.0																22.4	74.0	6 500	35.8	80.3	5 300	68.0
72.0																			25.0	73.3	4 700	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	27 100 *													32.0
34.0	50.4	99.0	19 200 *	58.7	102.4	25 800 *	63.3	103.7	25 900 *													34.0
36.0	47.0	97.2	17 900 *	55.7	101.1	24 700 *	60.4	102.6	24 700													36.0
38.0	43.5	95.2	16 600 *	52.6	99.6	23 500 *	57.5	101.4	23 200													38.0
40.0	39.6	92.9	15 400 *	49.3	98.0	21 500 *	54.4	100.0	21 600	62.2	102.1	19 300										40.0
42.0	35.5	90.2	14 400 *	45.9	96.1	19 800 *	51.3	98.5	20 300	59.3	101.0	18 000										42.0
44.0	30.8	87.1	13 300 *	42.3	94.0	18 200 *	48.0	96.8	19 100	56.3	99.7	16 900										44.0
46.0	25.4	83.3	12 400 *	38.3	91.6	16 900 *	44.4	94.8	17 900	53.2	98.3	15 900										46.0
48.0	18.6	78.2	11 600 *	34.0	88.8	15 700 *	40.7	92.6	16 900	50.0	96.7	15 000										48.0
50.0				29.2	85.5	14 600 *	36.7	90.1	16 000	46.6	94.9	14 100	55.0	97.5	12 300							50.0
52.0				23.4	81.4	13 600 *	32.2	87.1	15 200	43.1	92.8	13 400	51.8	95.9	11 600							52.0
54.0				15.8	75.6	12 600 *	27.0	83.5	14 100 *	39.2	90.5	12 600	48.6	94.2	11 000							54.0
56.0							20.7	78.9	13 200 *	35.0	87.8	12 000	45.1	92.3	10 400							56.0
58.0										30.3	84.6	11 400	41.4	90.2	9 800	50.2	93.0	8 300				58.0
60.0										24.8	80.7	10 800	37.4	87.7	9 300	46.8	91.2	7 800				60.0
62.0										17.7	75.4	10 200	33.0	84.8	8 800	43.2	89.1	7 400				62.0
64.0										3.2	64.0	9 700	28.0	81.3	8 300	39.4	86.8	7 000				64.0
68.0													13.5	70.5	7 500	30.5	81.0	6 300	40.8	85.2	5 000	68.0
72.0																18.0	71.9	5 600	32.3	79.7	4 400	72.0
76.0																			20.9	71.6	3 900	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	26 100 *													32.0
34.0	53.3	102.9	18 700 *	60.8	106.0	25 000 *	65.1	107.1	25 000 *													34.0
36.0	50.3	101.3	17 400 *	58.1	104.8	23 900 *	62.4	106.1	23 900 *													36.0
38.0	47.1	99.5	16 200 *	55.3	103.4	22 800 *	59.7	105.0	22 900 *													38.0
40.0	43.8	97.5	15 200 *	52.3	101.9	21 300 *	57.0	103.7	21 400													40.0
42.0	40.3	95.3	14 100 *	49.3	100.3	19 500 *	54.1	102.4	20 100	61.4	104.5	17 700										42.0
44.0	36.5	92.7	13 100 *	46.1	98.4	18 000 *	51.1	100.8	18 800	58.7	103.3	16 700										44.0
46.0	32.2	89.7	12 300 *	42.7	96.4	16 600 *	48.0	99.1	17 700	55.9	102.0	15 600										46.0
48.0	27.4	86.2	11 400 *	39.1	94.0	15 400 *	44.7	97.1	16 700	53.0	100.6	14 700										48.0
50.0	21.7	81.7	10 700 *	35.1	91.3	14 300 *	41.3	95.0	15 800	50.0	99.0	13 900										50.0
52.0				30.8	88.2	13 300 *	37.5	92.5	14 900	46.8	97.2	13 100	54.6	99.8	11 300							52.0
54.0				25.7	84.4	12 400 *	33.4	89.6	13 900 *	43.5	95.1	12 400	51.7	98.2	10 700							54.0
56.0				19.5	79.5	11 600 *	28.8	86.2	13 000 *	39.9	92.9	11 700	48.6	96.5	10 100							56.0
58.0							23.4	82.1	12 100 *	36.0	90.2	11 100	45.4	94.6	9 500							58.0
60.0							16.3	76.4	11 300 *	31.8	87.2	10 500	41.9	92.5	9 000	50.1	95.3	7 500				60.0
62.0										26.9	83.6	10 000	38.2	90.1	8 500	46.9	93.5	7 100				62.0
64.0										21.0	79.0	9 500	34.2	87.3	8 100	43.6	91.5	6 700				64.0
68.0													24.5	80.1	7 300	36.2	86.6	6 000	44.9	89.7	4 800	68.0
72.0																27.1	80.0	5 300	37.7	85.1	4 200	72.0
76.0																13.0	68.8	4 700	29.0	78.9	3 700	76.0
80.0																			16.6	69.2	3 200	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 93 890 kg Crane Counterweight
 27 220 kg Carbody Counterweight
 360 Degree Rating

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

M-250 SERIES 2

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	24 400 *													34.0
36.0	53.1	105.2	17 000 *	60.2	108.3	23 500 *	64.2	109.6	23 400 *													36.0
38.0	50.2	103.6	15 900 *	57.6	107.1	22 500 *	61.7	108.5	22 400 *													38.0
40.0	47.3	101.8	14 900 *	54.9	105.8	21 400 *	59.1	107.4	21 300 *													40.0
42.0	44.1	99.8	13 900 *	52.2	104.3	19 700 *	56.5	106.1	19 900 *													42.0
44.0	40.8	97.6	13 000 *	49.3	102.6	18 100 *	53.8	104.7	18 700 *	60.7	106.9	16 500 *										44.0
46.0	37.3	95.1	12 100 *	46.3	100.7	16 700 *	51.0	103.1	17 600 *	58.2	105.7	15 500 *										46.0
48.0	33.4	92.3	11 300 *	43.1	98.7	15 500 *	48.1	101.4	16 600 *	55.5	104.4	14 600 *										48.0
50.0	29.1	88.9	10 600 *	39.7	96.4	14 300 *	45.0	99.4	15 700 *	52.8	102.9	13 800 *										50.0
52.0	24.1	84.8	9 900 *	36.1	93.8	13 300 *	41.8	97.3	14 800 *	49.9	101.3	13 000 *	57.0	103.5	11 200 *							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	12 300 *	54.3	102.1	10 500 *							54.0
56.0				27.6	87.2	11 600 *	34.5	92.1	13 000 *	43.8	97.5	11 600 *	51.5	100.5	10 000 *							56.0
58.0				22.3	82.8	10 800 *	30.3	88.9	12 100 *	40.5	95.2	11 000 *	48.6	98.8	9 400 *							58.0
60.0				15.2	76.8	10 000 *	25.6	85.1	11 200 *	36.9	92.7	10 500 *	45.6	97.0	8 900 *							60.0
62.0							19.7	80.2	10 500 *	33.0	89.8	9 900 *	42.4	94.9	8 400 *	50.0	97.6	7 000 *				62.0
64.0							11.2	72.7	9 800 *	28.6	86.4	9 400 *	38.9	92.5	8 000 *	47.0	95.8	6 600 *				64.0
68.0										17.0	76.6	8 500 *	31.1	86.7	7 200 *	40.6	91.6	5 900 *				68.0
72.0													20.9	78.3	6 500 *	33.1	86.1	5 200 *	41.9	89.9	4 000 *	72.0
76.0																23.7	78.6	4 700 *	34.7	84.8	3 600 *	76.0
80.0																			25.7	77.8	3 100 *	80.0