

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 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 1 280 kg minimum block weight.

57.9m boom length without intermediate fall in luffing jib requires only the middle two sheaves in the lower boom point; all other sheaves must be removed from lower boom point.

Lower boom point assembly must be completely removed from:

- 57.9m and 61.0m boom lengths with intermediate fall in luffing jib and
- 61.0m boom length without intermediate fall in luffing jib.

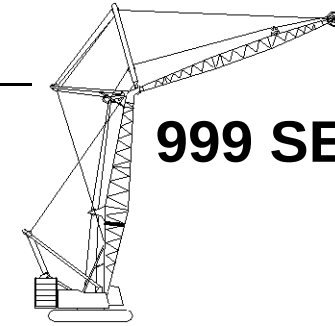
Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and luffing jib point sheaves, is considered part of luffing jib load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and bearing turntable level within a tolerance of 13mm in 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 196199** or **No. A09286** (Boom No. 22EL) or **No. 196200** or **No. A09287** (Boom No. 82), Wire Rope Specification chart **No. 8247-A** and Luffing Jib Raising Procedure chart **No. 8248-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. 8249-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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With The Intent To Be In
The Scope of ANSI B30.5**

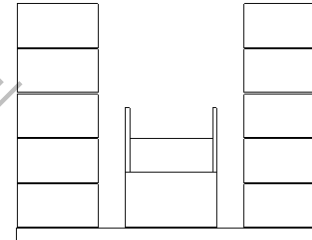


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LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 8 585 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, boom support straps or four 35 mm boom pendants, 8 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 99 610 kg crane counterweight, two 9 980 kg and two 8 165 kg carbody counterweights.

Consult chart **No. 8243-AM** for lifting off lower boom point with luffing jib attached. Consult chart **No. 8584-AM** for intermediate fall capacities. Consult chart **No. 8586-AM** for intermediate fall capacities with fixed jib attached. Chart **No. 8243-AM** and **No. 8584-AM** cannot be used when fixed jib No. 138 is attached to luffing jib No. 135.



99 610 kg Crane Counterweight
10 Side Boxes - 1 Center Box

Intermediate Fall Deduct

Deduct 680 kg from capacities when luffing jib is equipped with intermediate fall.

Deduct From Luffing Jib Capacities When Fixed Jib Is Attached

Fixed Jib Length	Fixed Jib No.138
9.1m	1 040 kg
12.2m	1 220 kg
15.2m	1 410 kg
18.3m	1 630 kg

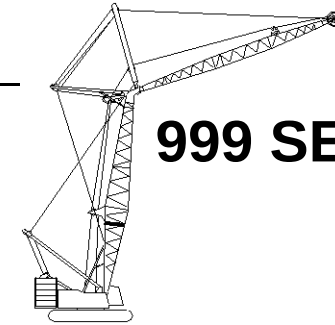
Boom Catwalks Deduct

Deduct 150 kg from capacities when boom catwalks are attached.

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

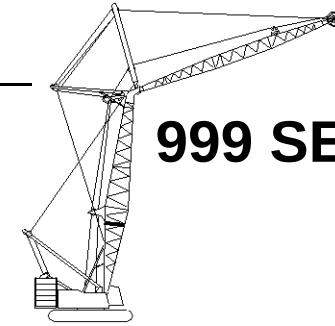
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	64.3	43.0	46 100 *b																			12.2
14.0	58.8	42.0	43 500 *b	64.5	42.8	47 400 *b																14.0
16.0	52.3	40.6	41 700 *b	58.4	41.7	44 400 *b	61.8	42.1	46 200 *b													16.0
18.0	45.2	38.9	38 700 *	51.8	40.3	42 000 *	55.5	40.9	43 500 *b													18.0
20.0	37.0	36.6	33 800 *	44.6	38.5	38 800 *	48.7	39.4	41 100 *	54.8	40.3	43 400 *b										20.0
22.0	26.8	33.4	28 700 *	36.3	36.2	33 500 *	41.0	37.4	36 400 *	47.9	38.7	40 800 *	54.0	39.5	40 200 b							22.0
24.0				25.9	32.9	29 100 *	32.0	34.7	31 600 *	40.2	36.7	36 000 *	47.1	37.9	36 000							24.0
26.0										31.0	33.9	31 300 *	39.2	35.8	32 700	45.9	36.8	31 900				26.0
28.0										18.0	29.5	26 600 *	29.7	32.8	29 800	37.9	34.6	29 100	44.5	35.6	28 400	28.0
30.0													15.8	28.1	26 700	28.0	31.5	26 700	36.2	33.2	26 100	30.0
32.0																12.4	26.1	24 700	25.8	29.9	24 100	32.0

REFERENCE ONLY!

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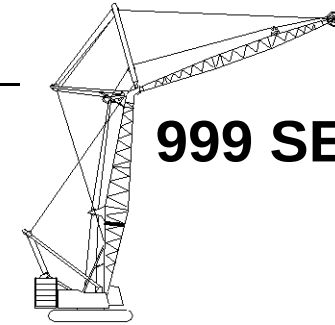
21.3m (70 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	67.7	46.3	43 100 *b																			12.2
14.0	63.1	45.5	40 600 *b	67.8	46.1	44 300 *b																14.0
16.0	57.7	44.4	38 700 *b	62.7	45.2	41 400 *b	65.5	45.5	43 000 *b													16.0
18.0	51.9	42.9	36 300 *	57.2	44.1	38 900 *	60.3	44.5	40 400 *b													18.0
20.0	45.6	41.2	34 000 *	51.5	42.6	36 700 *	54.7	43.2	38 000 *	59.7	44.0	40 200 *b										20.0
22.0	38.6	39.0	29 800 *	45.2	40.8	33 900 *	48.7	41.7	35 600 *	54.1	42.6	37 900 *										22.0
24.0	30.3	36.1	26 400 *	38.1	38.6	29 600 *	42.1	39.7	31 900 *	48.1	41.0	35 500 *	53.4	41.9	35 900							24.0
26.0				29.6	35.6	26 200 *	34.5	37.2	28 100 *	41.4	39.0	31 400 *	47.3	40.2	32 600	52.5	40.9	31 700				26.0
28.0				18.0	31.1	22 100 *	25.0	33.7	24 900 *	33.7	36.4	27 700 *	40.5	38.1	29 700	46.3	39.1	29 000				28.0
30.0										23.9	32.8	24 800 *	32.6	35.4	27 200	39.4	37.0	26 600				30.0
32.0										5.0	25.0	19 300 *	22.5	31.6	24 500 *	31.3	34.2	24 600	38.0	35.6	24 000	32.0
34.0																20.5	30.1	22 800	29.5	32.6	22 200	34.0
36.0																			17.8	28.1	20 700	36.0

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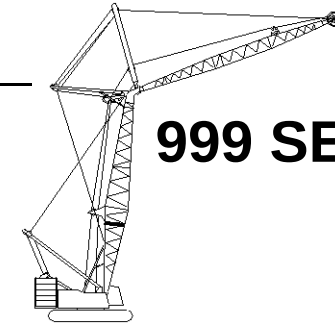
21.3m (70 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	70.3	49.6	37 800 *b																			12.2
14.0	66.3	48.9	35 600 *b																			14.0
16.0	61.6	47.9	34 100 *	65.9	48.6	36 400 *b																16.0
18.0	56.7	46.7	32 000 *	61.2	47.6	34 300 *	63.8	48.0	35 500 *													18.0
20.0	51.6	45.3	30 300 *	56.4	46.4	32 400 *	59.1	46.9	33 500 *													20.0
22.0	46.0	43.5	28 800 *	51.2	44.9	30 600 *	54.1	45.6	31 800 *	58.6	46.3	33 400 *										22.0
24.0	39.9	41.4	26 800 *	45.6	43.2	29 100 *	48.7	44.0	30 100 *	53.6	45.0	31 700 *										24.0
26.0	32.8	38.6	24 000 *	39.4	41.0	26 600 *	42.9	42.0	28 400 *	48.2	43.3	30 100 *	52.9	44.2	31 500 *							26.0
28.0	24.1	34.9	21 000 *	32.3	38.2	23 800 *	36.3	39.6	25 300 *	42.3	41.4	28 300 *	47.5	42.5	29 800 *							28.0
30.0				23.3	34.4	21 300 *	28.6	36.5	22 800 *	35.6	38.9	25 100 *	41.5	40.5	27 300 *	46.6	41.4	26 600 *				30.0
32.0				7.5	27.2	15 900 *	18.0	31.8	20 300 *	27.7	35.6	22 600 *	34.8	37.9	24 800 *	40.6	39.3	24 500 *	45.5	40.2	23 900 *	32.0
34.0										16.6	30.7	19 900 *	26.6	34.5	22 300 *	33.6	36.7	22 800 *	39.3	38.0	22 200 *	34.0
36.0													14.7	29.2	20 100 *	25.1	33.2	21 200 *	32.2	35.2	20 700 *	36.0
38.0																12.0	27.2	19 800 *	23.2	31.4	19 300 *	38.0

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21.3m (70 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	72.4	52.8	35 300 *b																			12.2
14.0	68.8	52.2	33 800 *b																			14.0
16.0	64.7	51.3	31 700 *	68.5	51.9	33 900 *b																16.0
18.0	60.4	50.3	29 800 *	64.3	51.0	31 900 *																18.0
20.0	56.0	49.0	28 100 *	60.1	50.0	30 000 *	62.5	50.4	31 100 *													20.0
22.0	51.3	47.6	26 500 *	55.7	48.7	28 300 *	58.1	49.2	29 300 *													22.0
24.0	46.3	45.8	25 100 *	51.0	47.2	26 800 *	53.6	47.9	27 700 *	57.7	48.7	29 200 *										24.0
26.0	40.9	43.7	23 800 *	45.9	45.5	25 400 *	48.8	46.3	26 300 *	53.1	47.3	27 700 *	57.1	47.9	28 800 *							26.0
28.0	34.7	41.1	21 700 *	40.4	43.3	23 900 *	43.5	44.3	24 900 *	48.3	45.6	26 300 *	52.5	46.5	27 500 *							28.0
30.0	27.5	37.8	19 600 *	34.2	40.7	21 500 *	37.8	42.0	22 900 *	43.0	43.7	24 900 *	47.6	44.8	26 200 *							30.0
32.0	17.6	33.0	16 000 *	26.8	37.3	19 500 *	31.1	39.1	20 600 *	37.2	41.3	22 600 *	42.3	42.8	24 800 *	46.9	43.8	24 400				32.0
34.0				16.7	32.3	16 900 *	22.8	35.2	18 700 *	30.4	38.3	20 500 *	36.4	40.4	22 400 *	41.5	41.7	22 600	45.9	42.5	21 400	34.0
36.0										21.8	34.2	18 600 *	29.5	37.3	20 300 *	35.4	39.2	21 100	40.4	40.3	20 600	36.0
38.0										6.4	26.3	15 200 *	20.6	33.0	18 500 *	28.3	36.0	19 700	34.2	37.7	19 200	38.0
40.0																18.9	31.4	18 200 *	26.8	34.3	18 000	40.0
42.0																			16.6	29.3	16 900	42.0

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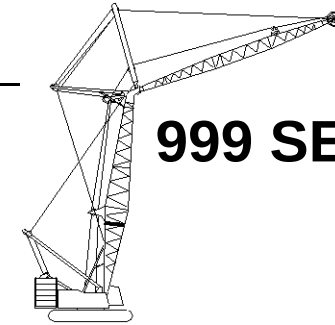
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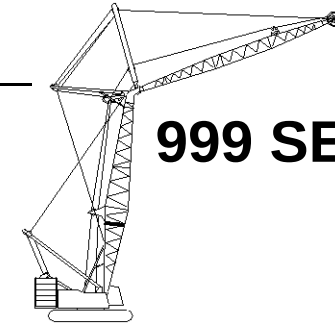
21.3m (70 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.0	56.0	33 400 *b																			12.2
14.0	70.8	55.4	32 300 *b																			14.0
16.0	67.1	54.6	30 500 *																			16.0
18.0	63.3	53.7	28 700 *	66.8	54.4	30 600 *																18.0
20.0	59.4	52.6	27 100 *	63.1	53.4	28 900 *	65.1	53.8	29 800 *													20.0
22.0	55.4	51.4	25 600 *	59.1	52.3	27 300 *	61.3	52.8	28 200 *													22.0
24.0	51.1	49.9	24 300 *	55.1	51.0	25 800 *	57.3	51.6	26 700 *													24.0
26.0	46.6	48.1	23 100 *	50.8	49.5	24 500 *	53.2	50.2	25 300 *	56.9	51.0	26 500 *										26.0
28.0	41.7	46.0	21 800 *	46.2	47.8	23 300 *	48.8	48.6	24 100 *	52.8	49.6	25 200 *	56.4	50.2	26 200 *							28.0
30.0	36.2	43.6	19 700 *	41.3	45.7	21 700 *	44.1	46.7	22 700 *	48.3	47.9	24 000 *	52.2	48.8	25 000 *							30.0
32.0	30.0	40.5	18 000 *	35.8	43.2	19 600 *	38.9	44.4	20 700 *	43.6	46.0	22 600 *	47.8	47.1	23 900 *	51.6	47.8	24 400				32.0
34.0	22.2	36.4	15 000 *	29.5	40.0	17 900 *	33.1	41.6	18 900 *	38.4	43.7	20 500 *	43.0	45.1	22 500 *	47.1	46.1	22 600				34.0
36.0				21.5	35.8	15 800 *	26.2	38.1	17 300 *	32.5	40.9	18 700 *	37.7	42.8	20 300 *	42.2	44.0	21 100				36.0
38.0				8.1	28.3	11 900 *	16.8	33.0	14 900 *	25.4	37.3	17 200 *	31.7	39.9	18 500 *	36.8	41.6	19 700	41.2	42.7	19 100	38.0
40.0										15.6	31.9	15 300 *	24.4	36.1	17 000 *	30.7	38.6	18 400 *	35.7	40.2	18 000	40.0
42.0													14.0	30.4	15 300 *	23.1	34.7	16 800 *	29.4	37.0	16 900	42.0
44.0																11.6	28.3	15 400 *	21.4	32.8	15 900	44.0

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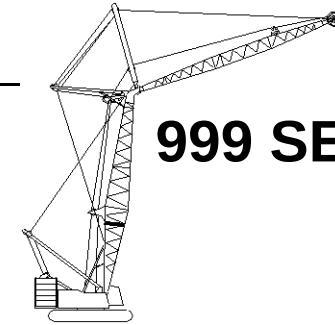
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Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.4	59.1	30 900 *b																			12.2
14.0	72.4	58.6	29 900 *b																			14.0
16.0	69.1	57.9	28 200 *																			16.0
18.0	65.7	57.1	26 600 *	68.9	57.7	28 300 *																18.0
20.0	62.2	56.1	25 100 *	65.5	56.8	26 800 *	67.3	57.1	27 500 *													20.0
22.0	58.6	55.0	23 800 *	62.0	55.8	25 300 *	63.9	56.2	26 100 *													22.0
24.0	54.9	53.7	22 400 *	58.3	54.7	23 900 *	60.3	55.1	24 700 *													24.0
26.0	50.9	52.2	21 200 *	54.6	53.4	22 600 *	56.7	53.9	23 300 *	60.0	54.6	24 500 *										26.0
28.0	46.8	50.4	20 100 *	50.6	51.8	21 400 *	52.8	52.5	22 100 *	56.3	53.3	23 200 *										28.0
30.0	42.3	48.4	19 100 *	46.5	50.1	20 200 *	48.8	50.9	20 900 *	52.4	51.9	22 000 *	55.8	52.5	22 900 *							30.0
32.0	37.4	46.0	18 000 *	42.0	48.0	19 200 *	44.5	49.0	19 900 *	48.4	50.2	20 900 *	52.0	51.1	21 800 *							32.0
34.0	31.9	43.1	16 500 *	37.0	45.6	17 900 *	39.8	46.8	18 800 *	44.0	48.3	19 800 *	47.9	49.4	20 700 *	51.4	50.1	21 400 *				34.0
36.0	25.4	39.4	14 700 *	31.5	42.6	16 400 *	34.6	44.1	17 300 *	39.3	46.1	18 700 *	43.5	47.4	19 700 *	47.2	48.4	20 500 *				36.0
38.0	16.6	34.2	11 800 *	24.8	38.9	15 100 *	28.7	40.9	15 800 *	34.1	43.4	17 100 *	38.7	45.2	18 500 *	42.8	46.4	19 500 *				38.0
40.0				15.8	33.5	12 400 *	21.2	36.6	14 500 *	28.0	40.1	15 800 *	33.4	42.4	17 000 *	38.0	44.0	18 300 *	41.9	45.0	16 300 *	40.0
42.0										20.4	35.6	14 500 *	27.2	39.0	15 600 *	32.5	41.2	16 800 *	37.0	42.6	16 300	42.0
44.0										7.2	27.4	11 600 *	19.2	34.3	14 400 *	26.1	37.6	15 500 *	31.4	39.7	15 800	44.0
46.0																17.7	32.6	14 200 *	24.8	35.9	14 900	46.0
48.0																			15.7	30.5	14 000	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

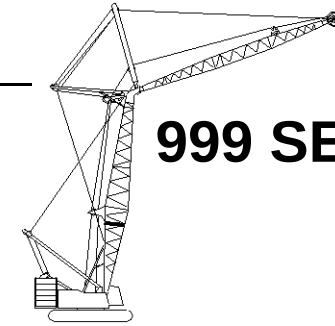
21.3m (70 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.2	61.9	25 600 *																			13.7
14.0	73.8	61.8	25 400 *																			14.0
16.0	70.8	61.2	24 000 *																			16.0
18.0	67.7	60.4	22 700 *																			18.0
20.0	64.5	59.5	21 400 *	67.5	60.1	22 700 *																20.0
22.0	61.3	58.5	20 300 *	64.3	59.3	21 500 *	66.0	59.6	22 100 *													22.0
24.0	57.9	57.3	19 200 *	61.0	58.2	20 300 *	62.8	58.6	21 000 *													24.0
26.0	54.4	56.0	18 200 *	57.7	57.0	19 300 *	59.5	57.5	19 900 *	62.5	58.0	20 700 *										26.0
28.0	50.8	54.5	17 200 *	54.2	55.7	18 300 *	56.1	56.2	18 800 *	59.2	56.9	19 700 *										28.0
30.0	47.0	52.7	16 400 *	50.5	54.1	17 300 *	52.5	54.8	17 900 *	55.8	55.7	18 700 *										30.0
32.0	42.9	50.7	15 600 *	46.7	52.4	16 500 *	48.8	53.2	17 000 *	52.2	54.2	17 800 *	55.3	54.9	18 500 *							32.0
34.0	38.4	48.4	14 800 *	42.5	50.3	15 600 *	44.8	51.3	16 100 *	48.4	52.5	16 900 *	51.7	53.4	17 600 *							34.0
36.0	33.5	45.6	14 200 *	38.1	48.0	14 900 *	40.6	49.1	15 400 *	44.4	50.6	16 100 *	48.0	51.7	16 800 *	51.2	52.4	17 300 *				36.0
38.0	27.8	42.2	13 500 *	33.1	45.2	14 200 *	35.9	46.6	14 600 *	40.1	48.4	15 400 *	43.9	49.8	16 000 *	47.4	50.7	16 500 *				38.0
40.0	20.8	37.8	11 800 *	27.3	41.8	13 600 *	30.6	43.5	14 000 *	35.4	45.9	14 700 *	39.6	47.5	15 300 *	43.3	48.7	15 800 *	46.6	49.4	16 200 *	40.0
42.0				20.2	37.2	12 500 *	24.4	39.7	13 400 *	30.1	42.7	14 000 *	34.8	44.9	14 600 *	38.9	46.4	15 100 *	42.5	47.4	15 500 *	42.0
44.0				8.4	29.4	9 600 *	16.0	34.3	11 900 *	23.7	38.8	13 400 *	29.4	41.7	14 000 *	34.0	43.7	14 500 *	38.0	45.0	14 900 *	44.0
46.0										14.9	33.1	12 300 *	22.8	37.6	13 400 *	28.5	40.4	13 900 *	33.0	42.2	14 300 *	46.0
48.0													13.5	31.5	12 200 *	21.6	36.1	13 300 *	27.3	38.8	13 800 *	48.0
50.0																11.4	29.4	12 300 *	20.1	34.2	13 100 *	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

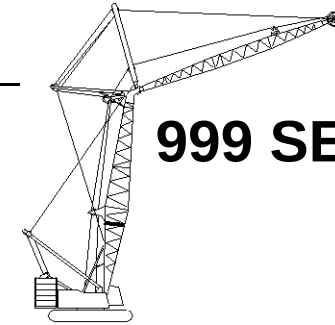
21.3m (70 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.4	65.1	23 700 *																			13.7
14.0	75.0	65.0	23 500 *																			14.0
16.0	72.2	64.4	22 200 *																			16.0
18.0	69.4	63.7	20 900 *																			18.0
20.0	66.5	62.9	19 800 *	69.1	63.4	20 900 *																20.0
22.0	63.5	61.9	18 600 *	66.2	62.6	19 800 *																22.0
24.0	60.4	60.9	17 600 *	63.3	61.7	18 700 *	64.9	62.0	19 300 *													24.0
26.0	57.3	59.7	16 600 *	60.2	60.6	17 700 *	61.9	61.0	18 200 *													26.0
28.0	54.1	58.3	15 700 *	57.1	59.4	16 700 *	58.8	59.9	17 300 *	61.6	60.4	18 000 *										28.0
30.0	50.7	56.8	14 800 *	53.8	58.0	15 800 *	55.6	58.6	16 300 *	58.5	59.3	17 100 *										30.0
32.0	47.1	55.0	14 100 *	50.4	56.4	14 900 *	52.3	57.1	15 400 *	55.3	58.0	16 200 *										32.0
34.0	43.3	53.0	13 300 *	46.8	54.7	14 100 *	48.8	55.5	14 600 *	52.0	56.5	15 400 *	54.9	57.2	16 000 *							34.0
36.0	39.2	50.8	12 600 *	43.0	52.7	13 400 *	45.1	53.6	13 800 *	48.5	54.8	14 500 *	51.6	55.7	15 200 *							36.0
38.0	34.8	48.1	12 000 *	38.9	50.4	12 700 *	41.2	51.5	13 100 *	44.8	52.9	13 800 *	48.0	54.0	14 400 *							38.0
40.0	29.8	44.9	11 400 *	34.4	47.7	12 000 *	37.0	49.0	12 400 *	40.8	50.8	13 100 *	44.3	52.1	13 700 *	47.5	53.0	14 200 *				40.0
42.0	23.8	41.0	10 900 *	29.3	44.5	11 500 *	32.2	46.1	11 800 *	36.5	48.3	12 400 *	40.3	49.9	13 000 *	43.7	51.0	13 600 *				42.0
44.0	15.9	35.4	9 400 *	23.3	40.4	10 900 *	26.8	42.6	11 200 *	31.7	45.3	11 800 *	36.0	47.3	12 400 *	39.7	48.8	12 900 *	43.0	49.7	13 300 *	44.0
46.0				15.1	34.7	10 100 *	20.0	38.0	10 700 *	26.2	41.7	11 300 *	31.1	44.3	11 800 *	35.3	46.1	12 200 *	38.9	47.4	12 700 *	46.0
48.0										19.2	36.9	10 800 *	25.4	40.6	11 200 *	30.3	43.0	11 700 *	34.4	44.7	12 100 *	48.0
50.0										7.7	28.6	9 300 *	18.2	35.6	10 800 *	24.5	39.2	11 200 *	29.3	41.5	11 600 *	50.0
52.0																16.9	33.9	10 800 *	23.2	37.4	11 100 *	52.0
54.0																			15.0	31.7	10 700 *	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

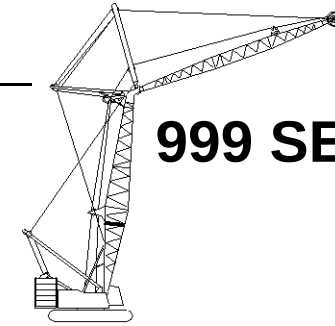
21.3m (70 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.4	67.8	21 000 *																			15.2
16.0	73.4	67.6	20 600 *																			16.0
18.0	70.8	66.9	19 400 *																			18.0
20.0	68.1	66.2	18 300 *	70.6	66.7	19 400 *																20.0
22.0	65.4	65.3	17 300 *	67.9	65.9	18 300 *																22.0
24.0	62.6	64.3	16 200 *	65.2	65.0	17 300 *																24.0
26.0	59.7	63.2	15 300 *	62.4	64.1	16 300 *	63.9	64.4	16 800 *													26.0
28.0	56.8	62.0	14 400 *	59.5	63.0	15 400 *	61.1	63.4	15 900 *													28.0
30.0	53.7	60.6	13 600 *	56.6	61.7	14 500 *	58.2	62.2	15 000 *	60.8	62.8	15 700 *										30.0
32.0	50.6	59.1	12 800 *	53.5	60.3	13 700 *	55.2	60.9	14 100 *	57.9	61.6	14 900 *										32.0
34.0	47.2	57.3	12 100 *	50.3	58.7	12 900 *	52.1	59.4	13 300 *	54.9	60.3	14 000 *										34.0
36.0	43.7	55.4	11 400 *	47.0	57.0	12 100 *	48.8	57.8	12 600 *	51.8	58.8	13 300 *	54.5	59.5	13 900 *							36.0
38.0	40.0	53.1	10 800 *	43.4	55.0	11 500 *	45.4	55.9	11 900 *	48.5	57.1	12 500 *	51.4	58.0	13 100 *							38.0
40.0	35.9	50.6	10 200 *	39.7	52.7	10 800 *	41.8	53.8	11 200 *	45.1	55.3	11 800 *	48.1	56.3	12 400 *	50.9	57.0	12 900 *				40.0
42.0	31.3	47.5	9 700 *	35.6	50.1	10 200 *	37.9	51.4	10 600 *	41.4	53.1	11 200 *	44.6	54.4	11 700 *	47.6	55.3	12 200 *				42.0
44.0	26.1	43.9	9 100 *	31.0	47.1	9 700 *	33.6	48.6	10 000 *	37.5	50.7	10 600 *	40.9	52.2	11 100 *	44.1	53.3	11 600 *				44.0
46.0	19.7	39.2	8 700 *	25.7	43.4	9 200 *	28.7	45.3	9 500 *	33.1	47.9	10 000 *	37.0	49.8	10 500 *	40.4	51.1	11 000 *	43.4	52.0	11 400 *	46.0
48.0				19.1	38.5	8 700 *	23.0	41.2	9 000 *	28.2	44.5	9 500 *	32.6	46.9	9 900 *	36.3	48.6	10 400 *	39.6	49.8	10 800 *	48.0
50.0				8.7	30.5	7 600 *	15.3	35.4	8 600 *	22.3	40.3	9 000 *	27.6	43.4	9 500 *	31.8	45.6	9 900 *	35.5	47.2	10 300 *	50.0
52.0										14.4	34.2	8 600 *	21.5	39.0	9 000 *	26.7	42.1	9 400 *	30.9	44.1	9 700 *	52.0
54.0													13.1	32.6	8 600 *	20.5	37.5	8 900 *	25.7	40.4	9 300 *	54.0
56.0																11.3	30.4	8 600 *	19.1	35.5	8 900 *	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

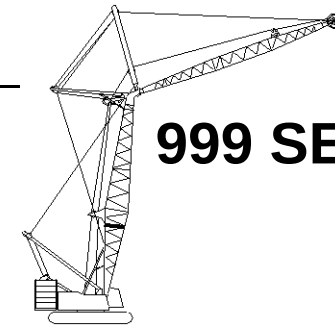
21.3m (70 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	71.0	19 400 *																			15.2
16.0	74.5	70.7	18 900 *																			16.0
18.0	72.0	70.1	17 800 *																			18.0
20.0	69.5	69.5	16 800 *																			20.0
22.0	67.0	68.7	15 800 *	69.4	69.2	16 800 *																22.0
24.0	64.4	67.8	14 800 *	66.8	68.4	15 800 *																24.0
26.0	61.8	66.7	13 900 *	64.2	67.5	14 800 *	65.7	67.8	15 300 *													26.0
28.0	59.1	65.6	13 100 *	61.6	66.5	14 000 *	63.1	66.8	14 400 *													28.0
30.0	56.3	64.3	12 300 *	58.9	65.3	13 100 *	60.4	65.8	13 600 *													30.0
32.0	53.4	62.9	11 500 *	56.1	64.0	12 300 *	57.6	64.6	12 700 *	60.1	65.2	13 400 *										32.0
34.0	50.5	61.4	10 800 *	53.2	62.6	11 500 *	54.8	63.2	12 000 *	57.4	64.0	12 600 *										34.0
36.0	47.3	59.6	10 100 *	50.2	61.0	10 800 *	51.9	61.7	11 200 *	54.5	62.6	11 900 *										36.0
38.0	44.1	57.7	9 500 *	47.1	59.3	10 100 *	48.8	60.1	10 600 *	51.6	61.1	11 200 *	54.2	61.8	11 700 *							38.0
40.0	40.6	55.5	8 900 *	43.8	57.3	9 500 *	45.6	58.2	9 900 *	48.5	59.4	10 500 *	51.2	60.3	11 000 *							40.0
42.0	36.8	53.0	8 400 *	40.3	55.1	8 900 *	42.3	56.1	9 300 *	45.3	57.6	9 900 *	48.2	58.6	10 400 *	50.8	59.3	10 900 *				42.0
44.0	32.7	50.1	7 900 *	36.5	52.6	8 400 *	38.6	53.8	8 700 *	41.9	55.5	9 300 *	44.9	56.7	9 800 *	47.7	57.6	10 200 *				44.0
46.0	28.0	46.7	7 400 *	32.4	49.7	7 900 *	34.7	51.1	8 200 *	38.3	53.1	8 700 *	41.5	54.6	9 200 *	44.4	55.6	9 700 *	47.1	56.3	10 000 *	46.0
48.0	22.5	42.4	7 000 *	27.7	46.2	7 400 *	30.3	48.0	7 700 *	34.3	50.4	8 200 *	37.8	52.2	8 600 *	40.9	53.5	9 100 *	43.8	54.3	9 400 *	48.0
50.0	15.3	36.6	6 600 *	22.1	41.9	7 000 *	25.3	44.2	7 200 *	29.9	47.2	7 700 *	33.8	49.4	8 100 *	37.2	51.0	8 600 *	40.3	52.1	8 900 *	50.0
52.0				14.6	35.8	6 600 *	19.1	39.3	6 900 *	24.7	43.3	7 200 *	29.3	46.1	7 600 *	33.1	48.2	8 000 *	36.5	49.6	8 400 *	52.0
54.0										18.3	38.2	6 800 *	24.1	42.1	7 200 *	28.6	44.8	7 600 *	32.3	46.7	8 000 *	54.0
56.0										8.0	29.7	6 500 *	17.4	36.9	6 800 *	23.2	40.7	7 200 *	27.6	43.2	7 500 *	56.0
58.0																16.2	35.1	6 800 *	22.0	38.9	7 100 *	58.0
60.0																			14.5	32.8	6 700 *	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

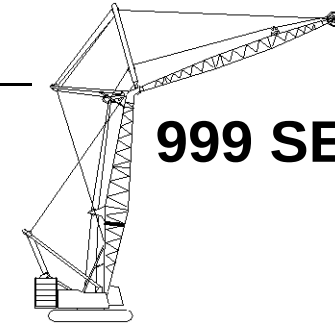
21.3m (70 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.5	73.7	17 100 *																			16.8
18.0	73.1	73.3	16 500 *																			18.0
20.0	70.8	72.7	15 500 *																			20.0
22.0	68.4	71.9	14 600 *																			22.0
24.0	66.0	71.1	13 700 *	68.3	71.7	14 500 *																24.0
26.0	63.6	70.2	12 800 *	65.9	70.8	13 700 *	67.2	71.1	14 100 *													26.0
28.0	61.1	69.1	12 000 *	63.4	69.9	12 800 *	64.8	70.2	13 200 *													28.0
30.0	58.5	68.0	11 200 *	60.9	68.8	12 000 *	62.3	69.2	12 400 *													30.0
32.0	55.9	66.7	10 500 *	58.3	67.7	11 200 *	59.8	68.1	11 700 *	62.0	68.7	12 200 *										32.0
34.0	53.2	65.2	9 800 *	55.7	66.4	10 500 *	57.2	66.9	10 900 *	59.5	67.5	11 500 *										34.0
36.0	50.4	63.7	9 100 *	53.0	64.9	9 800 *	54.5	65.5	10 200 *	56.9	66.3	10 800 *										36.0
38.0	47.4	61.9	8 600 *	50.2	63.3	9 100 *	51.7	64.0	9 600 *	54.2	64.9	10 100 *										38.0
40.0	44.4	60.0	8 000 *	47.2	61.6	8 500 *	48.9	62.4	8 900 *	51.5	63.4	9 500 *	53.9	64.1	10 000 *							40.0
42.0	41.1	57.8	7 400 *	44.1	59.6	8 000 *	45.8	60.5	8 300 *	48.6	61.7	8 900 *	51.1	62.6	9 400 *							42.0
44.0	37.6	55.4	6 900 *	40.8	57.4	7 400 *	42.7	58.5	7 800 *	45.5	59.9	8 300 *	48.2	60.9	8 800 *	50.7	61.6	9 200 *				44.0
46.0	33.8	52.6	6 500 *	37.3	55.0	7 000 *	39.3	56.2	7 200 *	42.4	57.8	7 700 *	45.2	59.0	8 200 *	47.8	59.9	8 600 *				46.0
48.0	29.6	49.4	6 100 *	33.5	52.2	6 500 *	35.7	53.6	6 800 *	39.0	55.5	7 200 *	42.0	56.9	7 700 *	44.7	57.9	8 100 *				48.0
50.0	24.8	45.5	5 600 *	29.3	48.9	6 000 *	31.7	50.6	6 300 *	35.3	52.8	6 700 *	38.5	54.6	7 200 *	41.5	55.8	7 600 *	44.1	56.6	8 000 *	50.0
52.0	18.8	40.5	5 100 *	24.4	44.9	5 600 *	27.2	47.0	5 900 *	31.3	49.8	6 300 *	34.8	51.9	6 700 *	38.0	53.4	7 100 *	40.8	54.5	7 400 *	52.0
54.0				18.3	39.8	5 100 *	21.8	42.6	5 400 *	26.7	46.2	5 800 *	30.7	48.8	6 200 *	34.2	50.7	6 600 *	37.3	52.0	7 000 *	54.0
56.0				8.9	31.6	4 700 *	14.8	36.6	4 900 *	21.3	41.7	5 300 *	26.1	45.1	5 800 *	30.1	47.5	6 200 *	33.5	49.2	6 500 *	56.0
58.0										13.9	35.4	4 800 *	20.5	40.4	5 300 *	25.3	43.7	5 700 *	29.2	45.9	6 100 *	58.0
60.0													12.8	33.7	4 800 *	19.5	38.8	5 200 *	24.3	41.9	5 600 *	60.0
62.0																11.2	31.5	4 800 *	18.2	36.8	5 100 *	62.0
64.0																			8.7	28.5	4 700 *	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

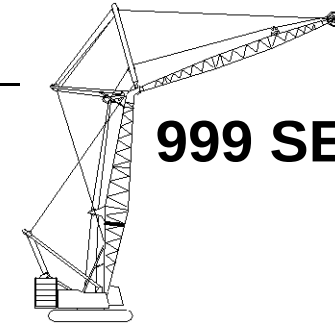
24.4m (80 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	64.7	46.1	46 100 *b																			12.2
14.0	59.2	45.1	43 500 *b																			14.0
16.0	52.7	43.8	41 700 *b	59.5	45.0	44 900 *b																16.0
18.0	45.6	42.0	39 300 *	53.1	43.6	42 400 *	57.2	44.3	44 100 *b													18.0
20.0	37.4	39.8	34 400 *	46.0	41.9	40 000 *	50.5	42.8	41 800 *	57.4	43.8	44 300 b										20.0
22.0	27.4	36.6	29 800 *	38.0	39.7	34 800 *	43.1	40.9	38 500 *	50.7	42.4	40 900 b										22.0
24.0	11.1	30.9	21 300 *	28.1	36.6	30 400 *	34.6	38.5	33 100 *	43.4	40.5	36 600	50.8	41.7	35 600							24.0
26.0							23.5	34.9	29 000 *	34.9	38.0	33 100	43.4	39.8	32 200	50.6	40.8	31 300				26.0
28.0										23.9	34.5	29 300 *	34.9	37.4	29 400	43.2	38.9	28 500				28.0
30.0													24.0	33.8	27 000	34.7	36.4	26 200	42.7	37.7	25 500	30.0
32.0																23.6	32.8	24 200	34.0	35.2	23 500	32.0
34.0																			22.7	31.5	21 800	34.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

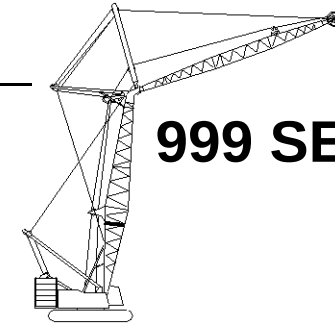
24.4m (80 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	68.0	49.4	43 100 *b																			12.2
14.0	63.3	48.6	40 600 *b																			14.0
16.0	57.9	47.5	38 800 *b	63.6	48.4	41 900 *b																16.0
18.0	52.2	46.1	36 400 *	58.3	47.3	39 300 *	61.7	47.8	41 000 *b													18.0
20.0	46.0	44.3	34 400 *	52.6	45.9	37 000 *	56.2	46.6	38 600 *	61.9	47.3	41 100 *b										20.0
22.0	39.0	42.2	30 300 *	46.4	44.2	34 600 *	50.3	45.1	36 500 *	56.4	46.1	38 800 *										22.0
24.0	30.8	39.3	26 900 *	39.5	42.1	30 700 *	43.9	43.3	33 400 *	50.5	44.7	36 300										24.0
26.0	19.8	35.1	22 800 *	31.4	39.3	27 200 *	36.6	40.9	29 300 *	44.1	42.8	33 000	50.6	44.0	32 100							26.0
28.0				20.6	35.2	23 800 *	27.8	37.7	26 000 *	36.9	40.5	29 500 *	44.2	42.1	29 300	50.4	43.1	28 400				28.0
30.0							14.9	32.6	22 200 *	28.1	37.3	26 200 *	36.9	39.8	26 900	44.0	41.2	26 100				30.0
32.0										15.5	32.3	23 400 *	28.2	36.7	24 900	36.7	38.8	24 100	43.5	40.0	23 400	32.0
34.0																27.9	35.7	22 400	36.1	37.6	21 700	34.0
36.0																15.0	30.6	20 800	27.2	34.4	20 200	36.0
38.0																			13.7	29.0	18 800	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	70.6	52.7	37 700 *b																			12.2
14.0	66.5	52.0	35 600 *b																			14.0
16.0	61.9	51.0	34 100 *b	66.8	51.8	36 700 *b																16.0
18.0	57.0	49.8	32 100 *	62.1	50.8	34 600 *	65.1	51.2	36 000 *b													18.0
20.0	51.9	48.4	30 400 *	57.3	49.7	32 700 *	60.4	50.2	34 000 *													20.0
22.0	46.3	46.6	28 900 *	52.2	48.2	31 000 *	55.4	48.9	32 200 *	60.5	49.7	34 100 *										22.0
24.0	40.2	44.5	27 100 *	46.7	46.5	29 400 *	50.2	47.4	30 500 *	55.6	48.5	32 300 *										24.0
26.0	33.3	41.8	24 400 *	40.6	44.4	27 500 *	44.5	45.6	29 000 *	50.4	47.0	30 700 *	55.6	47.8	32 000							26.0
28.0	24.6	38.2	21 700 *	33.7	41.8	24 600 *	38.2	43.3	26 500 *	44.7	45.1	29 200 *	50.4	46.3	29 200							28.0
30.0	10.9	32.0	16 400 *	25.2	38.3	22 100 *	30.8	40.4	23 700 *	38.4	42.9	26 700 *	44.7	44.4	26 800	50.2	45.4	26 000				30.0
32.0				12.1	32.3	18 500 *	21.3	36.3	21 400 *	31.0	40.0	23 800 *	38.4	42.2	24 800	44.5	43.5	24 000				32.0
34.0										21.6	35.9	21 500 *	31.1	39.3	23 000	38.2	41.2	22 300	44.1	42.3	21 600	34.0
36.0													21.7	35.3	21 400	30.9	38.3	20 800	37.8	40.0	20 100	36.0
38.0																21.4	34.3	19 400	30.3	37.1	18 800	38.0
40.0																			20.5	32.9	17 600	40.0

Liftcrane Luffing Jib Capacities

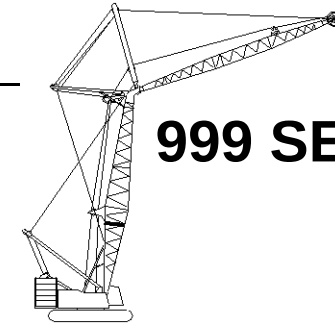
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	72.6	55.9	35 300 *b																			12.2
14.0	69.0	55.3	33 800 *b																			14.0
16.0	64.9	54.4	31 700 *	69.2	55.1	34 200 *b																16.0
18.0	60.6	53.4	29 800 *	65.1	54.2	32 200 *																18.0
20.0	56.2	52.1	28 100 *	60.9	53.2	30 300 *	63.6	53.6	31 500 *													20.0
22.0	51.6	50.7	26 500 *	56.5	52.0	28 600 *	59.3	52.6	29 800 *													22.0
24.0	46.6	49.0	25 200 *	51.9	50.6	27 000 *	54.8	51.3	28 100 *	59.4	52.1	29 800 *										24.0
26.0	41.2	46.9	23 900 *	46.9	48.8	25 700 *	50.1	49.7	26 600 *	55.0	50.8	28 300 *										26.0
28.0	35.1	44.3	22 100 *	41.5	46.8	24 300 *	45.0	47.9	25 300 *	50.2	49.3	26 900 *	55.0	50.1	28 200 *							28.0
30.0	27.9	41.1	20 000 *	35.5	44.3	22 300 *	39.4	45.7	23 700 *	45.1	47.4	25 600 *	50.2	48.6	26 600 *							30.0
32.0	18.3	36.4	17 400 *	28.4	41.1	20 100 *	33.0	42.9	21 400 *	39.5	45.2	23 800 *	45.2	46.8	24 700 *	50.1	47.7	23 900 *				32.0
34.0				19.0	36.5	18 100 *	25.3	39.4	19 500 *	33.2	42.5	21 500 *	39.6	44.6	22 900 *	45.0	45.8	22 100 *				34.0
36.0							14.1	33.8	17 100 *	25.5	39.0	19 600 *	33.2	41.8	21 300 *	39.4	43.6	20 600 *	44.6	44.6	20 000 *	36.0
38.0										14.5	33.5	17 800 *	25.6	38.3	19 600 *	33.0	40.9	19 300 *	39.0	42.4	18 700 *	38.0
40.0																25.3	37.3	18 100 *	32.6	39.6	17 500 *	40.0
42.0																14.2	31.7	17 000 *	24.7	36.0	16 400 *	42.0
44.0																			13.1	30.1	15 500 *	44.0

Liftcrane Luffing Jib Capacities

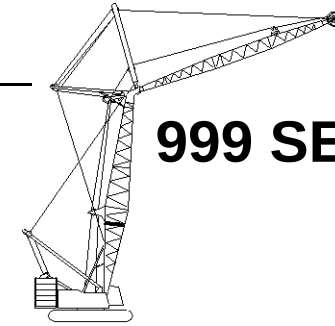
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.2	59.1	33 200 *b																			12.2
14.0	71.0	58.5	32 200 *b																			14.0
16.0	67.3	57.7	30 400 *																			16.0
18.0	63.5	56.8	28 700 *	67.5	57.6	30 800 *																18.0
20.0	59.7	55.7	27 100 *	63.8	56.7	29 100 *	66.1	57.0	30 100 *													20.0
22.0	55.6	54.5	25 700 *	59.9	55.6	27 500 *	62.3	56.0	28 600 *													22.0
24.0	51.4	53.0	24 300 *	55.8	54.3	26 100 *	58.4	54.9	27 000 *													24.0
26.0	46.8	51.3	23 100 *	51.6	52.9	24 700 *	54.3	53.6	25 700 *	58.5	54.4	27 100 *										26.0
28.0	41.9	49.2	21 900 *	47.1	51.1	23 500 *	50.0	52.0	24 400 *	54.4	53.1	25 700 *										28.0
30.0	36.5	46.8	20 100 *	42.2	49.1	22 100 *	45.3	50.2	23 200 *	50.1	51.6	24 500 *	54.5	52.4	25 500 *							30.0
32.0	30.3	43.7	18 300 *	36.9	46.7	20 200 *	40.3	48.0	21 500 *	45.5	49.7	23 400 *	50.1	50.9	24 400 *							32.0
34.0	22.7	39.7	16 400 *	30.7	43.7	18 400 *	34.7	45.4	19 600 *	40.5	47.6	21 600 *	45.5	49.1	22 900	50.0	50.0	22 200				34.0
36.0	10.7	33.1	12 100 *	23.2	39.8	16 900 *	28.1	42.2	17 900 *	34.9	45.0	19 700 *	40.5	46.9	21 300	45.4	48.1	20 600				36.0
38.0				11.8	33.4	13 800 *	19.7	37.7	16 400 *	28.4	41.8	17 900 *	34.9	44.3	19 700	40.4	46.0	19 300				38.0
40.0										20.0	37.3	16 500 *	28.4	41.1	18 000 *	34.7	43.4	18 100	40.0	44.8	17 500	40.0
42.0													20.1	36.6	16 500 *	28.2	40.1	17 000	34.3	42.1	16 500	42.0
44.0																19.8	35.6	16 000	27.7	38.8	15 500	44.0
46.0																			19.1	34.2	14 600	46.0

Liftcrane Luffing Jib Capacities

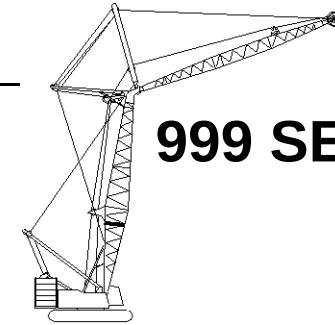
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

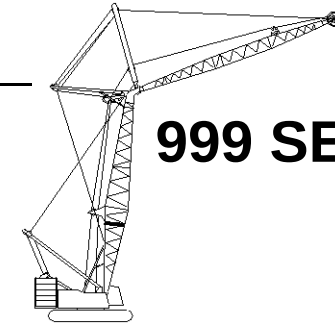
24.4m (80 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.5	62.2	30 800 *b																			12.2
14.0	72.6	61.7	29 800 *b																			14.0
16.0	69.3	61.0	28 100 *																			16.0
18.0	65.9	60.2	26 600 *																			18.0
20.0	62.4	59.2	25 100 *	66.1	60.0	26 900 *																20.0
22.0	58.8	58.1	23 800 *	62.6	59.1	25 500 *	64.8	59.5	26 400 *													22.0
24.0	55.1	56.8	22 500 *	59.0	57.9	24 100 *	61.3	58.4	25 000 *													24.0
26.0	51.2	55.3	21 300 *	55.3	56.6	22 800 *	57.7	57.3	23 700 *	61.4	58.0	24 900 *										26.0
28.0	47.0	53.6	20 200 *	51.4	55.2	21 600 *	53.9	55.9	22 400 *	57.8	56.8	23 700 *										28.0
30.0	42.6	51.5	19 200 *	47.3	53.4	20 500 *	49.9	54.3	21 300 *	54.0	55.4	22 500 *										30.0
32.0	37.7	49.2	18 200 *	42.8	51.4	19 400 *	45.7	52.5	20 200 *	50.0	53.9	21 300 *	54.0	54.7	22 300 *							32.0
34.0	32.2	46.3	16 800 *	38.0	49.1	18 400 *	41.1	50.4	19 200 *	45.8	52.1	20 300 *	50.0	53.2	21 300 *							34.0
36.0	25.8	42.7	15 400 *	32.6	46.3	16 900 *	36.1	47.9	17 900 *	41.2	49.9	19 300 *	45.8	51.4	20 300 *	49.9	52.3	20 500				36.0
38.0	17.2	37.6	12 900 *	26.2	42.7	15 500 *	30.3	44.8	16 400 *	36.2	47.5	18 000 *	41.3	49.3	19 300 *	45.7	50.4	19 200				38.0
40.0				17.8	37.8	14 000 *	23.4	40.9	15 100 *	30.5	44.4	16 500 *	36.3	46.8	18 000 *	41.1	48.3	17 900	45.4	49.3	17 300	40.0
42.0							13.5	34.9	13 200 *	23.7	40.5	15 100 *	30.6	43.7	16 500 *	36.1	45.8	16 900	40.8	47.1	16 300	42.0
44.0										13.9	34.6	13 900 *	23.7	39.8	15 200 *	30.4	42.8	15 900	35.7	44.6	15 400	44.0
46.0																23.5	38.8	15 000	30.0	41.5	14 500	46.0
48.0																13.6	32.9	14 000 *	22.9	37.5	13 700	48.0
50.0																			12.6	31.2	13 000	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

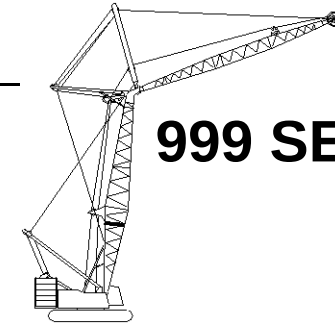
24.4m (80 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.4	65.0	25 500 *b																			13.7
14.0	74.0	64.9	25 300 *b																			14.0
16.0	70.9	64.3	24 000 *																			16.0
18.0	67.8	63.5	22 700 *																			18.0
20.0	64.7	62.6	21 400 *	68.0	63.3	22 900 *																20.0
22.0	61.4	61.6	20 300 *	64.9	62.5	21 700 *	66.9	62.8	22 400 *													22.0
24.0	58.1	60.4	19 200 *	61.6	61.4	20 500 *	63.7	61.9	21 200 *													24.0
26.0	54.6	59.1	18 200 *	58.3	60.3	19 500 *	60.4	60.8	20 100 *													26.0
28.0	51.0	57.6	17 300 *	54.8	59.0	18 500 *	57.0	59.6	19 100 *	60.5	60.3	20 100 *										28.0
30.0	47.2	55.9	16 400 *	51.2	57.5	17 500 *	53.5	58.2	18 100 *	57.1	59.1	19 100 *										30.0
32.0	43.1	53.9	15 600 *	47.4	55.7	16 600 *	49.8	56.6	17 200 *	53.6	57.7	18 200 *	57.2	58.4	18 900 *							32.0
34.0	38.7	51.6	14 800 *	43.3	53.8	15 800 *	45.9	54.8	16 400 *	49.9	56.2	17 300 *	53.6	57.0	18 000 *							34.0
36.0	33.8	48.8	14 200 *	38.9	51.5	15 100 *	41.7	52.7	15 600 *	46.0	54.4	16 400 *	50.0	55.5	17 200 *							36.0
38.0	28.1	45.5	13 600 *	34.1	48.8	14 400 *	37.2	50.3	14 900 *	41.9	52.3	15 700 *	46.1	53.7	16 400 *	49.8	54.6	17 000 *				38.0
40.0	21.2	41.1	12 800 *	28.5	45.5	13 800 *	32.1	47.4	14 200 *	37.3	49.9	14 900 *	41.9	51.6	15 700 *	46.0	52.7	16 300 *				40.0
42.0	10.7	34.1	9 800 *	21.7	41.2	13 200 *	26.2	43.8	13 600 *	32.3	47.0	14 300 *	37.4	49.2	14 900 *	41.8	50.7	15 600 *	45.7	51.6	16 000 *	42.0
44.0				11.5	34.5	11 100 *	18.5	39.0	13 000 *	26.4	43.4	13 700 *	32.3	46.3	14 300 *	37.2	48.2	14 900 *	41.5	49.5	15 200	44.0
46.0										18.8	38.6	13 100 *	26.4	42.8	13 700 *	32.1	45.4	14 300 *	36.9	47.0	14 400	46.0
48.0													18.9	38.0	13 100 *	26.2	41.8	13 700 *	31.8	44.1	13 600	48.0
50.0																18.6	36.9	13 100 *	25.7	40.4	12 900	50.0
52.0																			18.0	35.5	12 200	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

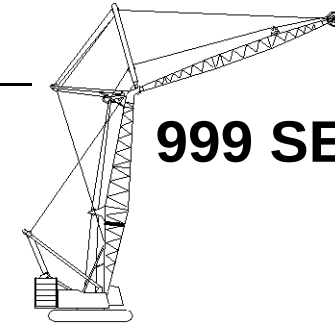
24.4m (80 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.5	68.1	23 600 *																			13.7
14.0	75.1	68.1	23 400 *																			14.0
16.0	72.3	67.5	22 100 *																			16.0
18.0	69.5	66.8	20 900 *																			18.0
20.0	66.6	66.0	19 800 *	69.7	66.6	21 100 *																20.0
22.0	63.7	65.0	18 700 *	66.8	65.8	20 000 *																22.0
24.0	60.6	64.0	17 600 *	63.8	64.9	18 900 *	65.7	65.2	19 500 *													24.0
26.0	57.5	62.8	16 600 *	60.8	63.8	17 800 *	62.7	64.3	18 500 *													26.0
28.0	54.2	61.4	15 800 *	57.7	62.6	16 900 *	59.6	63.2	17 500 *													28.0
30.0	50.9	59.9	14 900 *	54.4	61.3	15 900 *	56.5	61.9	16 600 *	59.7	62.7	17 400 *										30.0
32.0	47.3	58.2	14 100 *	51.1	59.8	15 100 *	53.2	60.5	15 600 *	56.6	61.5	16 600 *										32.0
34.0	43.5	56.2	13 300 *	47.5	58.0	14 300 *	49.8	58.9	14 800 *	53.3	60.0	15 700 *	56.6	60.8	16 400 *							34.0
36.0	39.5	53.9	12 700 *	43.8	56.1	13 500 *	46.1	57.1	14 100 *	49.9	58.5	14 900 *	53.3	59.4	15 600 *							36.0
38.0	35.0	51.3	12 000 *	39.7	53.8	12 800 *	42.3	55.1	13 300 *	46.3	56.7	14 100 *	49.9	57.8	14 800 *							38.0
40.0	30.0	48.2	11 400 *	35.3	51.2	12 200 *	38.1	52.7	12 600 *	42.4	54.6	13 400 *	46.3	56.0	14 100 *	49.8	56.9	14 700 *				40.0
42.0	24.1	44.3	10 900 *	30.4	48.1	11 600 *	33.5	49.9	12 000 *	38.3	52.3	12 700 *	42.4	53.9	13 400 *	46.2	55.1	14 000 *				42.0
44.0	16.4	38.8	10 100 *	24.5	44.3	11 100 *	28.3	46.6	11 400 *	33.7	49.5	12 100 *	38.3	51.6	12 700 *	42.3	53.0	13 300 *				44.0
46.0				16.9	39.0	10 500 *	22.0	42.3	10 900 *	28.5	46.2	11 500 *	33.7	48.8	12 100 *	38.2	50.6	12 700 *	42.0	51.8	13 200 *	46.0
48.0							13.1	36.0	10 200 *	22.2	42.0	11 000 *	28.5	45.5	11 500 *	33.6	47.9	12 100 *	37.9	49.4	12 600 *	48.0
50.0										13.4	35.8	10 600 *	22.3	41.3	11 000 *	28.4	44.5	11 500 *	33.2	46.6	12 000 *	50.0
52.0																22.1	40.3	11 000 *	28.0	43.2	11 500 *	52.0
54.0																13.2	34.0	10 700 *	21.5	38.9	11 000 *	54.0
56.0																			12.3	32.3	10 700 *	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.6	70.9	21 000 *																			15.2
16.0	73.6	70.7	20 500 *																			16.0
18.0	70.9	70.0	19 400 *																			18.0
20.0	68.3	69.3	18 300 *																			20.0
22.0	65.5	68.4	17 300 *	68.4	69.1	18 400 *																22.0
24.0	62.7	67.4	16 300 *	65.7	68.2	17 400 *																24.0
26.0	59.9	66.4	15 300 *	62.9	67.3	16 500 *	64.7	67.7	17 100 *													26.0
28.0	56.9	65.1	14 400 *	60.1	66.2	15 500 *	61.9	66.7	16 100 *													28.0
30.0	53.9	63.7	13 600 *	57.1	65.0	14 600 *	59.0	65.5	15 200 *													30.0
32.0	50.7	62.2	12 900 *	54.1	63.6	13 800 *	56.0	64.3	14 400 *	59.1	65.1	15 200 *										32.0
34.0	47.4	60.5	12 100 *	50.9	62.1	13 000 *	52.9	62.8	13 600 *	56.1	63.8	14 400 *										34.0
36.0	43.9	58.5	11 500 *	47.6	60.3	12 300 *	49.7	61.2	12 800 *	53.0	62.4	13 500 *	56.1	63.1	14 200 *							36.0
38.0	40.2	56.3	10 800 *	44.1	58.4	11 600 *	46.3	59.4	12 000 *	49.8	60.8	12 800 *	53.0	61.7	13 500 *							38.0
40.0	36.1	53.7	10 200 *	40.4	56.2	10 900 *	42.8	57.4	11 400 *	46.4	59.0	12 100 *	49.8	60.1	12 800 *							40.0
42.0	31.6	50.8	9 700 *	36.3	53.7	10 400 *	38.9	55.1	10 800 *	42.9	56.9	11 500 *	46.5	58.3	12 100 *	49.7	59.2	12 600 *				42.0
44.0	26.4	47.2	9 200 *	31.9	50.7	9 800 *	34.7	52.4	10 200 *	39.1	54.6	10 800 *	42.9	56.3	11 400 *	46.4	57.4	12 000 *				44.0
46.0	20.1	42.5	8 700 *	26.8	47.2	9 300 *	30.1	49.3	9 600 *	34.9	52.0	10 300 *	39.1	54.0	10 800 *	42.8	55.3	11 400 *	46.1	56.2	11 800 *	46.0
48.0	10.6	35.2	7 700 *	20.5	42.6	8 800 *	24.6	45.4	9 200 *	30.2	48.9	9 700 *	34.9	51.3	10 300 *	39.0	53.0	10 800 *	42.5	54.1	11 300 *	48.0
50.0				11.4	35.6	8 500 *	17.7	40.2	8 700 *	24.8	45.0	9 200 *	30.3	48.2	9 700 *	34.8	50.4	10 200 *	38.7	51.8	10 700 *	50.0
52.0										17.9	39.9	8 800 *	24.8	44.3	9 300 *	30.1	47.2	9 700 *	34.5	49.1	10 200 *	52.0
54.0													18.0	39.2	8 800 *	24.7	43.3	9 200 *	29.8	45.9	9 700 *	54.0
56.0																17.7	38.2	8 800 *	24.2	42.0	9 200 *	56.0
58.0																			17.1	36.7	8 800 *	58.0

Liftcrane Luffing Jib Capacities

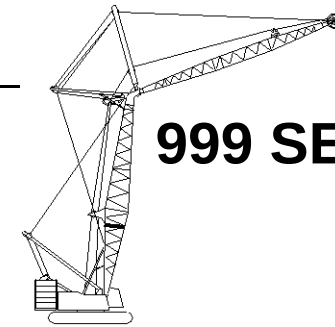
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

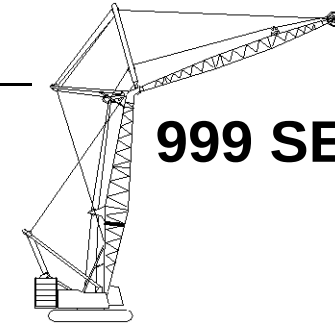
24.4m (80 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.5	74.0	19 300 *																			15.2
16.0	74.6	73.8	18 900 *																			16.0
18.0	72.2	73.2	17 800 *																			18.0
20.0	69.7	72.5	16 800 *																			20.0
22.0	67.1	71.7	15 800 *	69.8	72.4	16 900 *																22.0
24.0	64.6	70.8	14 900 *	67.3	71.6	15 900 *																24.0
26.0	61.9	69.8	14 000 *	64.7	70.7	15 000 *	66.3	71.0	15 500 *													26.0
28.0	59.2	68.7	13 100 *	62.1	69.7	14 100 *	63.8	70.1	14 600 *													28.0
30.0	56.5	67.5	12 300 *	59.4	68.6	13 300 *	61.1	69.0	13 800 *													30.0
32.0	53.6	66.1	11 600 *	56.6	67.3	12 400 *	58.4	67.9	13 000 *	61.2	68.6	13 700 *										32.0
34.0	50.6	64.5	10 800 *	53.8	65.9	11 700 *	55.6	66.6	12 200 *	58.5	67.4	12 900 *										34.0
36.0	47.5	62.8	10 200 *	50.8	64.4	11 000 *	52.7	65.1	11 400 *	55.7	66.1	12 200 *										36.0
38.0	44.2	60.8	9 500 *	47.7	62.6	10 300 *	49.7	63.5	10 700 *	52.8	64.7	11 500 *	55.7	65.4	12 100 *							38.0
40.0	40.8	58.6	9 000 *	44.4	60.7	9 600 *	46.5	61.7	10 100 *	49.8	63.1	10 800 *	52.8	64.0	11 400 *							40.0
42.0	37.0	56.2	8 400 *	41.0	58.6	9 000 *	43.2	59.7	9 400 *	46.6	61.3	10 100 *	49.8	62.4	10 700 *							42.0
44.0	32.9	53.3	7 900 *	37.2	56.1	8 500 *	39.6	57.5	8 900 *	43.3	59.3	9 500 *	46.6	60.6	10 100 *	49.7	61.5	10 600 *				44.0
46.0	28.3	49.9	7 400 *	33.2	53.3	8 000 *	35.8	54.9	8 300 *	39.7	57.0	8 900 *	43.3	58.6	9 500 *	46.5	59.7	10 000 *				46.0
48.0	22.9	45.7	7 000 *	28.6	49.9	7 500 *	31.5	51.9	7 800 *	35.9	54.4	8 400 *	39.8	56.3	9 000 *	43.2	57.7	9 400 *	46.3	58.5	9 900 *	48.0
50.0	15.7	40.0	6 600 *	23.2	45.8	7 100 *	26.7	48.3	7 400 *	31.7	51.4	7 900 *	35.9	53.8	8 400 *	39.6	55.4	8 900 *	43.0	56.5	9 300 *	50.0
52.0				16.2	40.2	6 700 *	20.9	43.7	6 900 *	26.9	47.9	7 400 *	31.7	50.8	7 900 *	35.8	52.8	8 400 *	39.4	54.2	8 800 *	52.0
54.0							12.7	37.1	6 600 *	21.1	43.4	7 000 *	26.9	47.2	7 400 *	31.6	49.8	7 900 *	35.5	51.6	8 300 *	54.0
56.0										13.1	36.9	6 600 *	21.1	42.7	7 000 *	26.7	46.2	7 400 *	31.3	48.5	7 800 *	56.0
58.0																20.9	41.7	7 000 *	26.4	44.9	7 400 *	58.0
60.0																12.8	35.1	6 700 *	20.5	40.3	7 000 *	60.0
62.0																			12.1	33.4	6 700 *	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

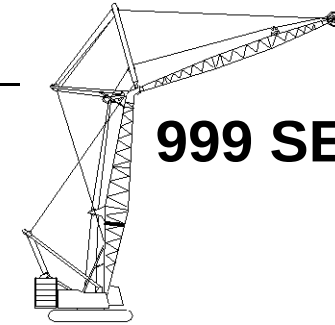
24.4m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.7	76.8	17 100 *																			16.8
18.0	73.2	76.4	16 500 *																			18.0
20.0	70.9	75.8	15 500 *																			20.0
22.0	68.6	75.0	14 600 *																			22.0
24.0	66.2	74.2	13 700 *	68.7	74.9	14 700 *																24.0
26.0	63.7	73.3	12 800 *	66.3	74.0	13 800 *	67.8	74.3	14 300 *													26.0
28.0	61.2	72.2	12 000 *	63.9	73.1	13 000 *	65.4	73.5	13 500 *													28.0
30.0	58.7	71.1	11 200 *	61.4	72.1	12 100 *	62.9	72.5	12 600 *													30.0
32.0	56.0	69.8	10 500 *	58.8	70.9	11 400 *	60.4	71.4	11 800 *	63.0	72.0	12 500 *										32.0
34.0	53.3	68.4	9 800 *	56.2	69.6	10 600 *	57.9	70.2	11 100 *	60.5	70.9	11 800 *										34.0
36.0	50.5	66.8	9 200 *	53.5	68.2	9 900 *	55.2	68.9	10 400 *	57.9	69.7	11 100 *										36.0
38.0	47.6	65.1	8 600 *	50.7	66.7	9 300 *	52.5	67.4	9 700 *	55.3	68.4	10 400 *										38.0
40.0	44.5	63.1	8 000 *	47.8	64.9	8 700 *	49.6	65.8	9 100 *	52.6	67.0	9 700 *	55.3	67.7	10 300 *							40.0
42.0	41.3	61.0	7 500 *	44.7	63.0	8 100 *	46.7	64.0	8 500 *	49.7	65.4	9 100 *	52.6	66.3	9 700 *							42.0
44.0	37.8	58.6	7 000 *	41.5	60.9	7 600 *	43.5	62.0	7 900 *	46.8	63.6	8 500 *	49.7	64.7	9 100 *							44.0
46.0	34.0	55.8	6 500 *	38.0	58.5	7 000 *	40.2	59.8	7 400 *	43.6	61.6	7 900 *	46.8	62.9	8 500 *	49.6	63.8	9 000 *				46.0
48.0	29.9	52.6	6 000 *	34.3	55.8	6 600 *	36.7	57.3	6 900 *	40.3	59.4	7 400 *	43.7	60.9	8 000 *	46.7	62.0	8 500 *				48.0
50.0	25.1	48.7	5 600 *	30.1	52.6	6 100 *	32.8	54.4	6 400 *	36.8	56.9	7 000 *	40.3	58.7	7 500 *	43.6	60.0	7 900 *				50.0
52.0	19.2	43.8	5 200 *	25.4	48.8	5 700 *	28.4	51.0	6 000 *	32.9	54.0	6 500 *	36.8	56.2	6 900 *	40.2	57.7	7 400 *	43.3	58.8	7 800 *	52.0
54.0	10.6	36.3	4 700 *	19.6	43.9	5 200 *	23.4	46.9	5 500 *	28.6	50.6	6 000 *	32.9	53.3	6 500 *	36.7	55.2	6 900 *	40.0	56.5	7 400 *	54.0
56.0				11.2	36.7	4 700 *	16.9	41.5	5 000 *	23.5	46.5	5 600 *	28.6	49.9	6 100 *	32.8	52.3	6 500 *	36.4	54.0	6 900 *	56.0
58.0										17.2	41.1	5 100 *	23.6	45.9	5 600 *	28.5	49.0	6 100 *	32.5	51.1	6 500 *	58.0
60.0													17.2	40.5	5 100 *	23.4	44.9	5 500 *	28.1	47.7	6 000 *	60.0
62.0																17.0	39.4	5 100 *	23.0	43.5	5 500 *	62.0
64.0																5.8	29.5	4 600 *	16.5	37.9	5 000 *	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

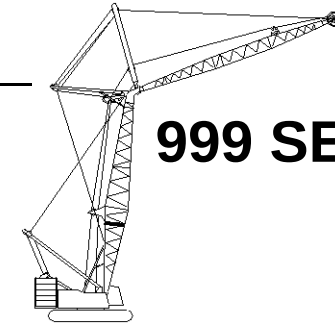
27.4m (90 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	60.4	48.4	43 900 *b																			13.7
14.0	59.5	48.2	43 700 *b																			14.0
16.0	53.0	46.9	41 800 *b	60.7	48.2	45 400 *b																16.0
18.0	46.0	45.2	39 600 *	54.3	46.9	42 800 *b	58.8	47.6	44 800 *b													18.0
20.0	37.9	43.0	34 900 *	47.4	45.3	40 500 *	52.3	46.2	42 400 *b	59.9	47.2	45 000 b										20.0
22.0	28.0	39.9	30 600 *	39.5	43.2	36 100 *	45.2	44.5	39 600 *	53.4	45.9	40 300 b										22.0
24.0	12.5	34.5	23 400 *	30.1	40.3	31 400 *	37.0	42.2	34 700 *	46.4	44.2	36 200	54.3	45.3	35 000							24.0
26.0							26.8	39.0	30 300 *	38.4	42.0	32 800	47.4	43.7	31 700							26.0
28.0										28.7	39.0	29 900	39.6	41.6	28 900	48.1	42.9	27 900				28.0
30.0										13.9	33.9	26 600	30.2	38.7	26 600	40.3	40.8	25 700				30.0
32.0													16.6	34.1	24 500	31.1	38.1	23 700	40.7	39.8	22 900	32.0
34.0																18.3	33.7	22 000	31.6	37.1	21 200	34.0
36.0																			19.1	32.8	19 800	36.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	68.3	52.5	43 000 *b																			12.2
14.0	63.6	51.7	40 600 *b																			14.0
16.0	58.2	50.6	38 800 *b	64.6	51.6	42 300 *b																16.0
18.0	52.5	49.2	36 500 *	59.3	50.6	39 800 *b	63.1	51.1	41 600 *b													18.0
20.0	46.3	47.5	34 500 *	53.7	49.2	37 400 *	57.7	50.0	39 200 *													20.0
22.0	39.4	45.3	30 800 *	47.6	47.6	35 300 *	51.9	48.6	37 000 *	58.6	49.6	39 400 b										22.0
24.0	31.3	42.5	27 300 *	40.8	45.5	31 700 *	45.7	46.8	34 500 *	52.9	48.2	36 100										24.0
26.0	20.5	38.4	24 200 *	33.0	42.9	28 000 *	38.7	44.6	30 500 *	46.7	46.5	32 700	53.7	47.6	31 500							26.0
28.0				23.0	39.1	24 900 *	30.4	41.7	27 100 *	39.9	44.4	29 900	47.6	46.0	28 800							28.0
30.0							19.1	37.3	24 100 *	31.8	41.6	27 400	40.8	43.9	26 400	48.2	45.2	25 500				30.0
32.0										21.3	37.6	24 600 *	33.0	41.3	24 400	41.5	43.2	23 600				32.0
34.0													23.0	37.5	22 700	33.8	40.6	21 900	41.8	42.1	21 100	34.0
36.0																24.1	37.0	20 300	34.2	39.6	19 600	36.0
38.0																5.8	29.5	19 000	24.6	36.0	18 300	38.0

Liftcrane Luffing Jib Capacities

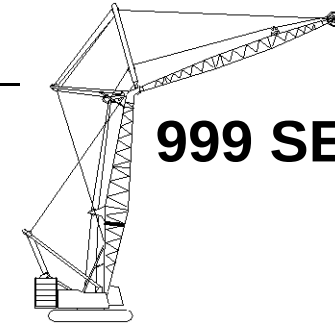
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

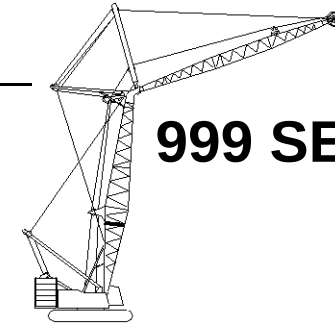
27.4m (90 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	70.8	55.8	37 700 *b																			12.2
14.0	66.7	55.1	35 600 *b																			14.0
16.0	62.1	54.1	34 100 *b	67.6	55.0	37 000 *b																16.0
18.0	57.3	52.9	32 100 *	63.0	54.0	34 900 *																18.0
20.0	52.1	51.5	30 400 *	58.2	52.9	33 000 *	61.6	53.5	34 500 *													20.0
22.0	46.6	49.8	28 900 *	53.1	51.6	31 300 *	56.8	52.3	32 700 *													22.0
24.0	40.6	47.7	27 300 *	47.7	49.9	29 700 *	51.6	50.9	31 000 *	57.6	51.9	33 000 *										24.0
26.0	33.7	45.1	24 700 *	41.8	47.9	28 200 *	46.1	49.1	29 500 *	52.5	50.5	31 400 *										26.0
28.0	25.1	41.5	22 200 *	35.1	45.4	25 300 *	39.9	47.0	27 600 *	47.0	48.8	29 700 *	53.2	50.0	28 700 *							28.0
30.0	12.0	35.6	17 900 *	27.0	42.0	22 700 *	32.9	44.2	24 500 *	41.0	46.8	27 400 *	47.7	48.3	26 400 *							30.0
32.0				15.4	36.9	20 500 *	24.1	40.6	22 100 *	34.1	44.2	25 000 *	41.8	46.3	24 400 *	48.3	47.5	23 500 *				32.0
34.0										25.7	40.7	22 500 *	35.1	43.8	22 600 *	42.4	45.5	21 800 *				34.0
36.0										13.1	35.0	20 100 *	27.0	40.4	21 100 *	35.8	43.1	20 300 *	42.7	44.5	19 500 *	36.0
38.0													15.4	35.3	19 700 *	27.8	39.8	19 000 *	36.1	42.0	18 200 *	38.0
40.0																16.8	35.0	17 800 *	28.2	38.9	17 100 *	40.0
42.0																			17.5	34.1	16 100 *	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	72.8	59.0	35 200 *b																			12.2
14.0	69.2	58.3	33 800 *b																			14.0
16.0	65.1	57.5	31 700 *																			16.0
18.0	60.9	56.5	29 900 *	65.9	57.4	32 500 *																18.0
20.0	56.5	55.3	28 100 *	61.7	56.4	30 600 *	64.7	56.9	31 900 *													20.0
22.0	51.8	53.8	26 600 *	57.3	55.3	28 900 *	60.4	55.9	30 200 *													22.0
24.0	46.9	52.1	25 200 *	52.7	53.9	27 300 *	56.0	54.6	28 600 *													24.0
26.0	41.5	50.0	24 000 *	47.9	52.2	25 900 *	51.3	53.2	27 100 *	56.7	54.3	28 900 *										26.0
28.0	35.4	47.5	22 400 *	42.6	50.2	24 600 *	46.4	51.4	25 700 *	52.1	52.8	27 400 *										28.0
30.0	28.3	44.3	20 200 *	36.7	47.8	22 900 *	40.9	49.3	24 300 *	47.2	51.1	26 100 *	52.8	52.3	26 200							30.0
32.0	18.9	39.7	18 400 *	29.8	44.7	20 600 *	34.8	46.7	22 200 *	41.8	49.1	24 900 *	47.9	50.6	24 200							32.0
34.0				21.0	40.5	18 800 *	27.5	43.4	20 100 *	35.8	46.6	22 600 *	42.6	48.6	22 500	48.3	49.8	21 600				34.0
36.0							17.7	38.6	18 300 *	28.8	43.5	20 500 *	36.7	46.2	20 900	43.1	47.9	20 100				36.0
38.0										19.6	39.0	18 600 *	29.8	43.2	19 600	37.3	45.5	18 800	43.3	46.8	18 100	38.0
40.0													21.0	38.9	18 300	30.5	42.5	17 700	37.5	44.4	17 000	40.0
42.0																22.0	38.4	16 600	30.9	41.5	16 000	42.0
44.0																6.9	30.7	15 600	22.5	37.5	15 000	44.0

Liftcrane Luffing Jib Capacities

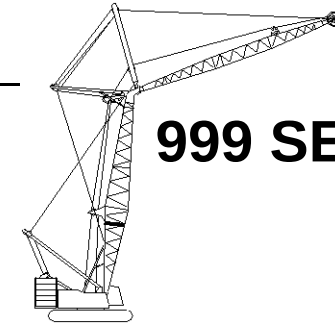
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

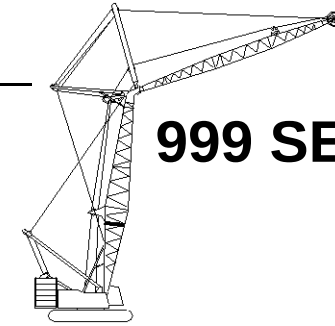
27.4m (90 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.4	62.1	33 100 *b																			12.2
14.0	71.1	61.6	32 100 *b																			14.0
16.0	67.5	60.8	30 300 *																			16.0
18.0	63.7	59.9	28 700 *	68.2	60.7	31 000 *																18.0
20.0	59.9	58.8	27 200 *	64.5	59.9	29 400 *	67.1	60.2	30 500 *													20.0
22.0	55.8	57.6	25 700 *	60.6	58.8	27 800 *	63.4	59.3	28 900 *													22.0
24.0	51.6	56.1	24 400 *	56.6	57.6	26 300 *	59.5	58.2	27 400 *													24.0
26.0	47.1	54.4	23 200 *	52.4	56.2	25 000 *	55.4	57.0	26 000 *	60.1	57.8	27 600 *										26.0
28.0	42.2	52.4	22 000 *	48.0	54.5	23 700 *	51.1	55.5	24 700 *	56.1	56.6	26 200 *										28.0
30.0	36.8	50.0	20 400 *	43.2	52.5	22 600 *	46.6	53.7	23 500 *	51.8	55.1	25 000 *										30.0
32.0	30.7	47.0	18 500 *	37.9	50.2	20 700 *	41.7	51.7	22 200 *	47.4	53.4	23 800 *	52.4	54.6	24 200							32.0
34.0	23.1	43.0	16 800 *	31.9	47.3	18 900 *	36.3	49.2	20 200 *	42.5	51.4	22 600 *	48.0	52.9	22 500							34.0
36.0	11.7	36.6	13 200 *	24.7	43.6	17 300 *	30.0	46.1	18 400 *	37.2	49.0	20 600 *	43.2	50.9	20 900	48.4	52.1	20 100				36.0
38.0				14.6	38.0	15 200 *	22.2	42.0	16 900 *	31.1	46.1	18 800 *	37.9	48.6	19 600	43.6	50.2	18 800				38.0
40.0										23.6	42.2	17 200 *	31.9	45.7	18 400	38.4	47.9	17 700	43.9	49.1	17 000	40.0
42.0										12.7	36.1	15 300 *	24.7	42.0	17 300	32.6	45.1	16 600	38.7	46.8	16 000	42.0
44.0													14.6	36.4	16 000 *	25.5	41.5	15 600	32.9	44.1	15 000	44.0
46.0																15.8	36.2	14 700	25.9	40.5	14 200	46.0
48.0																			16.4	35.3	13 400	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

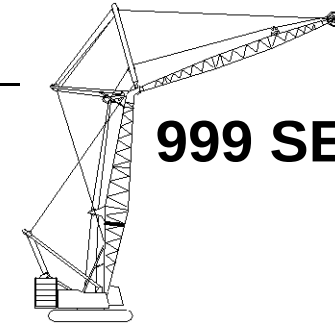
27.4m (90 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.7	65.3	30 700 *b																			12.2
14.0	72.8	64.8	29 700 *b																			14.0
16.0	69.5	64.1	28 100 *																			16.0
18.0	66.1	63.3	26 600 *																			18.0
20.0	62.6	62.3	25 100 *	66.7	63.2	27 100 *																20.0
22.0	59.0	61.2	23 800 *	63.3	62.3	25 700 *	65.7	62.7	26 600 *													22.0
24.0	55.3	59.9	22 500 *	59.7	61.2	24 400 *	62.2	61.7	25 300 *													24.0
26.0	51.4	58.4	21 300 *	56.0	59.9	23 100 *	58.6	60.6	24 000 *	62.8	61.3	25 300 *										26.0
28.0	47.2	56.7	20 200 *	52.1	58.5	21 800 *	54.9	59.3	22 800 *	59.2	60.2	24 200 *										28.0
30.0	42.8	54.7	19 200 *	48.0	56.8	20 700 *	51.0	57.8	21 600 *	55.5	58.9	22 900 *										30.0
32.0	38.0	52.4	18 300 *	43.7	54.9	19 600 *	46.8	56.0	20 500 *	51.6	57.4	21 800 *	56.0	58.3	22 900 *							32.0
34.0	32.5	49.5	17 000 *	38.9	52.6	18 600 *	42.3	54.0	19 500 *	47.5	55.7	20 700 *	52.1	56.9	21 800 *							34.0
36.0	26.1	46.0	15 600 *	33.6	49.9	17 300 *	37.5	51.6	18 400 *	43.1	53.8	19 700 *	48.1	55.2	20 700 *							36.0
38.0	17.8	41.0	13 600 *	27.5	46.5	15 900 *	31.9	48.7	16 900 *	38.3	51.4	18 700 *	43.7	53.3	19 400 *	48.4	54.4	18 700 *				38.0
40.0				19.6	41.9	14 600 *	25.4	45.1	15 500 *	32.9	48.6	17 200 *	38.9	51.0	18 200 *	44.1	52.5	17 500 *				40.0
42.0							16.7	39.9	14 300 *	26.6	45.1	15 800 *	33.6	48.3	17 100 *	39.4	50.3	16 400 *	44.3	51.4	15 800 *	42.0
44.0										18.4	40.3	14 500 *	27.5	44.9	16 000 *	34.2	47.6	15 500 *	39.6	49.2	14 900 *	44.0
46.0													19.6	40.3	14 700 *	28.1	44.3	14 600 *	34.4	46.6	14 000 *	46.0
48.0																20.5	39.8	13 900 *	28.4	43.3	13 300 *	48.0
50.0																7.5	31.8	13 100 *	20.9	38.9	12 600 *	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

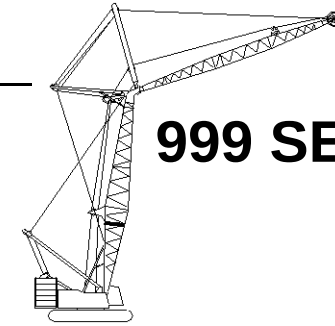
27.4m (90 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.6	68.0	25 400 *b																			13.7
14.0	74.1	68.0	25 200 *b																			14.0
16.0	71.1	67.3	24 000 *																			16.0
18.0	68.0	66.6	22 600 *																			18.0
20.0	64.9	65.7	21 400 *	68.6	66.5	23 000 *																20.0
22.0	61.6	64.7	20 300 *	65.5	65.7	21 800 *																22.0
24.0	58.3	63.6	19 200 *	62.2	64.7	20 700 *	64.5	65.1	21 500 *													24.0
26.0	54.8	62.2	18 200 *	58.9	63.5	19 600 *	61.3	64.1	20 400 *													26.0
28.0	51.2	60.7	17 300 *	55.5	62.3	18 600 *	57.9	62.9	19 400 *	61.8	63.7	20 400 *										28.0
30.0	47.4	59.0	16 400 *	51.9	60.8	17 700 *	54.5	61.6	18 400 *	58.5	62.6	19 500 *										30.0
32.0	43.3	57.0	15 600 *	48.1	59.1	16 800 *	50.8	60.1	17 500 *	55.0	61.2	18 500 *										32.0
34.0	38.9	54.7	14 900 *	44.1	57.2	16 000 *	47.0	58.3	16 600 *	51.4	59.8	17 700 *	55.5	60.7	18 500 *							34.0
36.0	34.0	52.0	14 200 *	39.8	55.0	15 200 *	42.9	56.3	15 800 *	47.6	58.0	16 800 *	51.9	59.2	17 700 *							36.0
38.0	28.5	48.7	13 600 *	35.0	52.3	14 500 *	38.4	54.0	15 000 *	43.6	56.1	16 000 *	48.1	57.5	16 900 *							38.0
40.0	21.6	44.5	13 000 *	29.6	49.2	13 900 *	33.5	51.2	14 400 *	39.2	53.8	15 200 *	44.1	55.6	16 100 *	48.5	56.7	16 800 *				40.0
42.0	11.5	37.7	10 700 *	23.1	45.1	13 300 *	27.8	47.9	13 800 *	34.4	51.1	14 500 *	39.8	53.4	15 300 *	44.5	54.8	16 100 *				42.0
44.0				14.0	39.2	12 200 *	20.8	43.4	13 200 *	28.8	47.9	13 900 *	35.0	50.7	14 700 *	40.2	52.6	15 400 *	44.7	53.7	14 800	44.0
46.0										22.1	43.7	13 400 *	29.6	47.6	14 100 *	35.5	50.0	14 500	40.4	51.6	13 900	46.0
48.0										12.3	37.2	12 400 *	23.1	43.5	13 500 *	30.2	46.9	13 800	35.7	49.0	13 200	48.0
50.0													14.0	37.6	12 700 *	23.8	43.0	13 000	30.4	45.9	12 500	50.0
52.0																15.1	37.3	12 400	24.1	42.1	11 800	52.0
54.0																			15.6	36.5	11 200	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.7	71.2	23 500 *																			13.7
14.0	75.3	71.1	23 400 *																			14.0
16.0	72.5	70.5	22 100 *																			16.0
18.0	69.7	69.9	20 900 *																			18.0
20.0	66.8	69.1	19 800 *	70.2	69.8	21 200 *																20.0
22.0	63.8	68.1	18 700 *	67.3	69.0	20 100 *																22.0
24.0	60.8	67.1	17 600 *	64.4	68.1	19 000 *																24.0
26.0	57.7	65.9	16 700 *	61.4	67.1	18 000 *	63.5	67.5	18 700 *													26.0
28.0	54.4	64.6	15 800 *	58.3	65.9	17 100 *	60.5	66.5	17 700 *													28.0
30.0	51.0	63.0	14 900 *	55.0	64.6	16 100 *	57.3	65.3	16 800 *	61.0	66.1	17 800 *										30.0
32.0	47.5	61.3	14 100 *	51.7	63.1	15 200 *	54.1	63.9	15 900 *	57.8	64.9	16 900 *										32.0
34.0	43.7	59.4	13 400 *	48.2	61.4	14 500 *	50.7	62.4	15 000 *	54.6	63.6	16 000 *										34.0
36.0	39.7	57.1	12 700 *	44.5	59.5	13 700 *	47.1	60.6	14 300 *	51.2	62.1	15 200 *	55.0	63.0	16 000 *							36.0
38.0	35.3	54.5	12 000 *	40.5	57.3	13 000 *	43.3	58.6	13 500 *	47.7	60.3	14 400 *	51.7	61.5	15 200 *							38.0
40.0	30.3	51.4	11 500 *	36.2	54.8	12 300 *	39.3	56.4	12 800 *	44.0	58.4	13 700 *	48.2	59.8	14 500 *	52.0	60.7	15 100 *				40.0
42.0	24.5	47.5	10 900 *	31.3	51.8	11 700 *	34.8	53.7	12 200 *	39.9	56.2	13 000 *	44.5	57.9	13 800 *	48.5	59.0	14 400 *				42.0
44.0	16.9	42.2	10 500 *	25.7	48.1	11 200 *	29.8	50.5	11 600 *	35.6	53.6	12 300 *	40.5	55.7	13 100 *	44.8	57.1	13 800 *				44.0
46.0				18.6	43.2	10 700 *	23.8	46.6	11 100 *	30.6	50.5	11 800 *	36.2	53.2	12 400 *	40.9	55.0	13 100 *	45.0	56.1	13 600 *	46.0
48.0							15.9	41.1	10 600 *	24.9	46.7	11 200 *	31.3	50.2	11 900 *	36.6	52.5	12 500 *	41.1	53.9	13 000 *	48.0
50.0										17.4	41.6	10 800 *	25.7	46.5	11 300 *	31.8	49.5	11 900 *	36.8	51.4	12 300 *	50.0
52.0													18.6	41.6	10 800 *	26.3	45.9	11 400 *	32.1	48.5	11 700 *	52.0
54.0																19.4	41.2	10 900 *	26.6	45.0	11 100 *	54.0
56.0																8.0	32.9	10 700 *	19.7	40.3	10 500 *	56.0

Liftcrane Luffing Jib Capacities

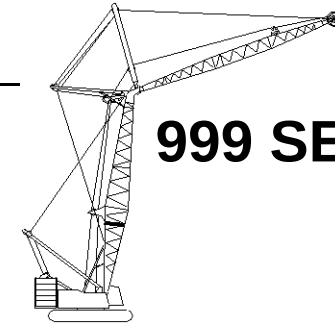
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

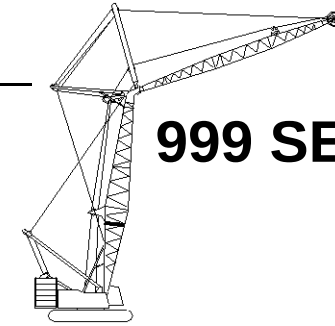
27.4m (90 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.7	73.9	21 000 *																			15.2
16.0	73.7	73.7	20 500 *																			16.0
18.0	71.1	73.1	19 400 *																			18.0
20.0	68.4	72.4	18 300 *																			20.0
22.0	65.7	71.5	17 300 *	68.9	72.3	18 600 *																22.0
24.0	62.9	70.5	16 300 *	66.2	71.4	17 600 *																24.0
26.0	60.0	69.5	15 400 *	63.4	70.5	16 600 *	65.4	70.9	17 200 *													26.0
28.0	57.1	68.2	14 500 *	60.6	69.4	15 700 *	62.6	69.9	16 300 *													28.0
30.0	54.1	66.9	13 700 *	57.7	68.2	14 800 *	59.7	68.8	15 500 *													30.0
32.0	50.9	65.3	12 900 *	54.7	66.9	14 000 *	56.8	67.6	14 600 *	60.2	68.5	15 500 *										32.0
34.0	47.6	63.6	12 200 *	51.5	65.4	13 200 *	53.7	66.2	13 800 *	57.3	67.2	14 700 *										34.0
36.0	44.1	61.7	11 500 *	48.2	63.7	12 400 *	50.6	64.7	13 000 *	54.2	65.9	13 900 *										36.0
38.0	40.4	59.5	10 900 *	44.8	61.8	11 700 *	47.2	62.9	12 300 *	51.1	64.4	13 100 *	54.7	65.3	13 900 *							38.0
40.0	36.3	56.9	10 300 *	41.1	59.7	11 100 *	43.7	61.0	11 600 *	47.8	62.6	12 400 *	51.5	63.8	13 200 *							40.0
42.0	31.9	54.0	9 700 *	37.1	57.2	10 500 *	40.0	58.7	10 900 *	44.3	60.7	11 700 *	48.2	62.1	12 500 *							42.0
44.0	26.7	50.4	9 200 *	32.8	54.3	9 900 *	35.9	56.2	10 400 *	40.6	58.5	11 100 *	44.8	60.2	11 800 *	48.6	61.3	12 400 *				44.0
46.0	20.5	45.8	8 800 *	27.8	50.9	9 400 *	31.4	53.2	9 800 *	36.6	56.0	10 500 *	41.1	58.1	11 200 *	45.1	59.4	11 800 *				46.0
48.0	11.3	38.8	8 100 *	21.8	46.6	8 900 *	26.2	49.5	9 300 *	32.1	53.1	10 000 *	37.1	55.6	10 600 *	41.5	57.3	11 200 *	45.3	58.4	11 700 *	48.0
50.0				13.5	40.3	8 600 *	19.7	44.8	8 900 *	27.1	49.6	9 400 *	32.8	52.7	10 000 *	37.5	54.9	10 600 *	41.6	56.3	11 100 *	50.0
52.0										20.9	45.1	8 900 *	27.8	49.3	9 500 *	33.2	52.1	10 100 *	37.7	53.8	10 600 *	52.0
54.0										12.0	38.3	8 600 *	21.8	45.0	9 100 *	28.3	48.7	9 600 *	33.4	51.0	10 100 *	54.0
56.0													13.5	38.7	8 700 *	22.4	44.5	9 100 *	28.5	47.7	9 600 *	56.0
58.0																14.5	38.5	8 700 *	22.7	43.5	9 100 *	58.0
60.0																			15.0	37.7	8 800 *	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.7	77.1	19 300 *																			15.2
16.0	74.7	76.9	18 900 *																			16.0
18.0	72.3	76.3	17 800 *																			18.0
20.0	69.8	75.6	16 800 *																			20.0
22.0	67.3	74.8	15 800 *																			22.0
24.0	64.7	73.9	14 900 *	67.8	74.7	16 100 *																24.0
26.0	62.1	72.9	14 000 *	65.2	73.9	15 100 *	67.0	74.3	15 700 *													26.0
28.0	59.4	71.8	13 100 *	62.6	72.9	14 300 *	64.4	73.4	14 800 *													28.0
30.0	56.6	70.6	12 300 *	59.9	71.8	13 400 *	61.8	72.3	14 000 *													30.0
32.0	53.8	69.2	11 600 *	57.2	70.6	12 600 *	59.1	71.2	13 200 *	62.2	71.9	14 000 *										32.0
34.0	50.8	67.6	10 900 *	54.3	69.2	11 800 *	56.3	69.9	12 400 *	59.6	70.8	13 200 *										34.0
36.0	47.7	65.9	10 200 *	51.4	67.7	11 100 *	53.5	68.5	11 600 *	56.8	69.6	12 500 *										36.0
38.0	44.4	64.0	9 600 *	48.3	66.0	10 400 *	50.5	67.0	10 900 *	53.9	68.2	11 700 *										38.0
40.0	41.0	61.8	9 000 *	45.1	64.1	9 800 *	47.4	65.2	10 300 *	51.0	66.7	11 100 *	54.3	67.6	11 800 *							40.0
42.0	37.2	59.4	8 400 *	41.6	62.0	9 200 *	44.1	63.3	9 600 *	47.9	64.9	10 400 *	51.4	66.1	11 100 *							42.0
44.0	33.1	56.5	7 900 *	38.0	59.6	8 600 *	40.6	61.1	9 000 *	44.6	63.0	9 800 *	48.3	64.4	10 400 *							44.0
46.0	28.6	53.2	7 500 *	34.0	56.8	8 100 *	36.8	58.6	8 500 *	41.2	60.9	9 200 *	45.1	62.5	9 800 *	48.6	63.6	10 400 *				46.0
48.0	23.2	49.0	7 000 *	29.5	53.6	7 600 *	32.7	55.7	8 000 *	37.5	58.4	8 600 *	41.6	60.4	9 300 *	45.4	61.7	9 800 *				48.0
50.0	16.2	43.5	6 700 *	24.3	49.7	7 200 *	28.1	52.3	7 500 *	33.4	55.6	8 100 *	38.0	58.0	8 700 *	42.0	59.6	9 300 *	45.5	60.7	9 800 *	50.0
52.0				17.7	44.5	6 800 *	22.6	48.1	7 100 *	28.9	52.3	7 600 *	34.0	55.2	8 200 *	38.3	57.3	8 700 *	42.1	58.6	9 200 *	52.0
54.0							15.3	42.2	6 700 *	23.5	48.2	7 200 *	29.5	52.0	7 700 *	34.4	54.6	8 200 *	38.5	56.2	8 700 *	54.0
56.0										16.7	42.8	6 800 *	24.3	48.1	7 300 *	29.9	51.4	7 800 *	34.6	53.5	8 200 *	56.0
58.0													17.7	42.9	6 900 *	24.8	47.5	7 300 *	30.2	50.4	7 800 *	58.0
60.0																18.5	42.5	6 900 *	25.1	46.6	7 300 *	60.0
62.0																8.3	34.0	6 600 *	18.8	41.6	6 900 *	62.0
64.0																			9.0	33.5	6 600 *	64.0

Liftcrane Luffing Jib Capacities

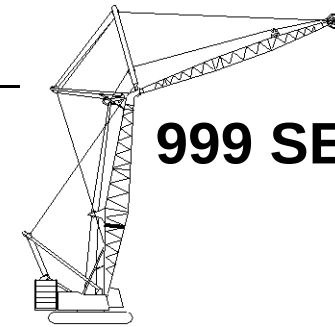
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

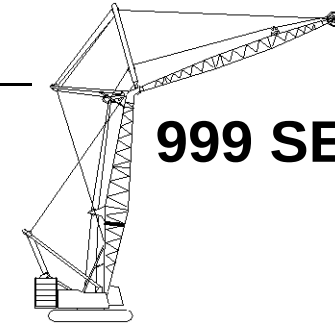
27.4m (90 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.8	79.9	17 100 *																			16.8
18.0	73.4	79.5	16 500 *																			18.0
20.0	71.0	78.9	15 500 *																			20.0
22.0	68.7	78.1	14 600 *																			22.0
24.0	66.3	77.3	13 700 *	69.1	78.0	14 800 *																24.0
26.0	63.9	76.4	12 800 *	66.8	77.2	13 900 *																26.0
28.0	61.4	75.3	12 100 *	64.3	76.3	13 100 *	66.0	76.7	13 600 *													28.0
30.0	58.8	74.2	11 300 *	61.8	75.3	12 300 *	63.6	75.8	12 800 *													30.0
32.0	56.2	72.9	10 600 *	59.3	74.2	11 500 *	61.1	74.7	12 100 *													32.0
34.0	53.5	71.5	9 900 *	56.7	72.9	10 800 *	58.5	73.6	11 300 *	61.5	74.3	12 100 *										34.0
36.0	50.7	69.9	9 200 *	54.0	71.5	10 100 *	55.9	72.3	10 600 *	59.0	73.2	11 400 *										36.0
38.0	47.8	68.2	8 600 *	51.2	70.0	9 400 *	53.2	70.8	9 900 *	56.3	71.9	10 700 *										38.0
40.0	44.7	66.3	8 100 *	48.3	68.3	8 800 *	50.4	69.3	9 300 *	53.6	70.5	10 000 *	56.7	71.3	10 700 *							40.0
42.0	41.5	64.2	7 500 *	45.3	66.4	8 200 *	47.5	67.5	8 600 *	50.9	69.0	9 400 *	54.0	69.9	10 000 *							42.0
44.0	38.0	61.7	7 000 *	42.1	64.3	7 700 *	44.4	65.6	8 100 *	47.9	67.2	8 800 *	51.2	68.4	9 400 *							44.0
46.0	34.2	59.0	6 600 *	38.7	62.0	7 200 *	41.1	63.4	7 500 *	44.9	65.3	8 200 *	48.3	66.7	8 800 *	51.5	67.6	9 400 *				46.0
48.0	30.1	55.8	6 100 *	35.0	59.3	6 700 *	37.6	61.0	7 000 *	41.7	63.2	7 700 *	45.3	64.8	8 300 *	48.6	65.9	8 800 *				48.0
50.0	25.3	52.0	5 700 *	30.9	56.2	6 200 *	33.8	58.2	6 600 *	38.2	60.8	7 200 *	42.1	62.7	7 700 *	45.6	64.0	8 300 *				50.0
52.0	19.5	47.2	5 200 *	26.3	52.6	5 800 *	29.6	55.0	6 100 *	34.5	58.1	6 700 *	38.7	60.4	7 200 *	42.4	62.0	7 800 *	45.7	63.0	8 200 *	52.0
54.0	11.2	39.9	4 800 *	20.8	48.0	5 300 *	24.8	51.1	5 700 *	30.4	55.0	6 300 *	35.0	57.7	6 700 *	39.0	59.6	7 300 *	42.6	60.9	7 700 *	54.0
56.0				13.2	41.4	4 900 *	18.8	46.1	5 200 *	25.6	51.2	5 800 *	30.9	54.6	6 300 *	35.4	57.0	6 800 *	39.2	58.6	7 300 *	56.0
58.0										19.9	46.4	5 200 *	26.3	51.0	5 800 *	31.3	54.0	6 300 *	35.5	56.0	6 800 *	58.0
60.0										11.8	39.4	4 800 *	20.8	46.4	5 300 *	26.8	50.4	5 900 *	31.5	53.0	6 400 *	60.0
62.0													13.2	39.8	4 900 *	21.3	45.9	5 400 *	27.0	49.4	5 900 *	62.0
64.0																14.1	39.6	4 900 *	21.6	45.0	5 400 *	64.0
66.0																			14.5	38.8	4 900 *	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

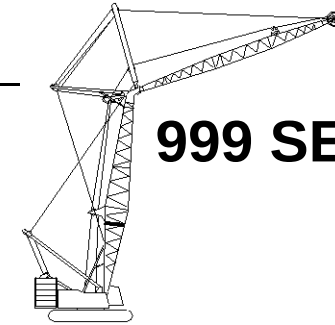
30.5m (100 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	60.7	51.5	43 900 *b																			13.7
14.0	59.8	51.3	43 700 *b																			14.0
16.0	53.4	50.0	41 800 *b	61.8	51.4	45 800 *b																16.0
18.0	46.4	48.3	39 600 *	55.5	50.2	43 200 *b	60.5	50.9	45 400 *b													18.0
20.0	38.4	46.1	35 300 *	48.7	48.7	40 900 *	54.1	49.6	43 000 *b	62.3	50.6	44 800 b										20.0
22.0	28.6	43.1	30 800 *	41.1	46.7	37 200 *	47.2	48.0	40 500 *	56.0	49.4	39 800 b										22.0
24.0	13.7	38.0	23 700 *	32.1	44.0	32 400 *	39.3	45.9	36 100 *	49.3	47.9	35 800										24.0
26.0							29.8	43.0	31 600 *	41.7	45.9	32 500	51.1	47.5	31 200							26.0
28.0										32.8	43.3	29 700	43.8	45.6	28 500							28.0
30.0										21.0	39.4	27 200	35.3	43.2	26 200	45.4	45.0	25 200				30.0
32.0													24.6	39.7	24 200	37.3	42.7	23 300	46.7	44.0	22 400	32.0
34.0																27.2	39.6	21 600	38.7	41.9	20 700	34.0
36.0																			29.1	38.9	19 300	36.0
38.0																			14.7	33.9	18 000	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

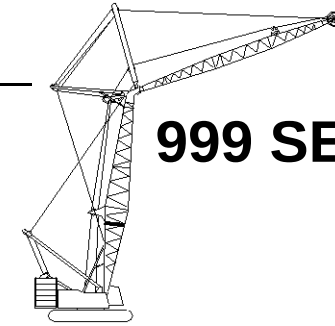
30.5m (100 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	68.5	55.6	43 000 *b																			12.2
14.0	63.9	54.8	40 600 *b																			14.0
16.0	58.5	53.7	38 800 *b	65.6	54.8	42 600 *b																16.0
18.0	52.8	52.3	36 600 *	60.3	53.8	40 100 *b	64.5	54.4	42 200 *b													18.0
20.0	46.7	50.6	34 600 *	54.7	52.5	37 800 *	59.1	53.3	39 800 *b													20.0
22.0	39.8	48.5	31 300 *	48.7	51.0	35 800 *	53.5	52.0	37 600 *	60.7	53.0	39 700 b										22.0
24.0	31.8	45.7	27 800 *	42.1	49.0	32 600 *	47.4	50.3	35 400 *	55.2	51.7	35 600										24.0
26.0	21.2	41.7	24 700 *	34.6	46.5	28 800 *	40.6	48.2	31 600 *	49.2	50.2	32 300	56.6	51.2	31 100							26.0
28.0				25.1	43.0	25 900 *	32.8	45.5	28 200 *	42.7	48.3	29 500	50.8	49.8	28 300							28.0
30.0							22.6	41.7	25 300 *	35.2	45.8	27 100	44.5	47.9	26 100							30.0
32.0										26.0	42.4	25 100	37.3	45.6	24 100	45.9	47.3	23 100				32.0
34.0													28.6	42.5	22 300	38.9	45.1	21 400				34.0
36.0													16.3	37.7	20 800	30.7	42.2	20 000	40.1	44.2	19 200	36.0
38.0																19.6	38.0	18 700	32.2	41.5	17 900	38.0
40.0																			21.8	37.6	16 700	40.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	71.0	58.8	37 600 *b																			12.2
14.0	67.0	58.1	35 500 *b																			14.0
16.0	62.4	57.2	34 100 *b	68.4	58.1	37 300 *b																16.0
18.0	57.5	56.0	32 100 *	63.9	57.3	35 200 *b																18.0
20.0	52.4	54.6	30 500 *	59.1	56.2	33 300 *	62.9	56.8	34 900 *b													20.0
22.0	46.9	52.9	28 900 *	54.1	54.9	31 600 *	58.1	55.6	33 100 *													22.0
24.0	40.9	50.9	27 600 *	48.8	53.3	29 900 *	53.0	54.3	31 400 *	59.5	55.4	33 600 *										24.0
26.0	34.1	48.3	25 200 *	42.9	51.3	28 500 *	47.6	52.6	29 900 *	54.5	54.1	32 000										26.0
28.0	25.7	44.8	22 800 *	36.4	48.9	26 100 *	41.6	50.6	28 200 *	49.2	52.5	29 500	55.8	53.6	28 300							28.0
30.0	13.0	39.1	18 700 *	28.6	45.8	23 600 *	34.9	48.0	25 600 *	43.4	50.6	27 000	50.6	52.1	26 000							30.0
32.0				18.1	41.1	21 400 *	26.7	44.7	23 100 *	36.9	48.2	25 000	45.0	50.3	24 000	51.8	51.3	23 000				32.0
34.0										29.3	45.1	23 200	38.7	48.0	22 300	46.2	49.6	21 400				34.0
36.0										19.1	40.7	21 500	31.4	45.2	20 800	40.1	47.5	19 900				36.0
38.0													22.2	41.2	19 400	33.1	44.8	18 600	41.2	46.6	17 800	38.0
40.0																24.4	41.1	17 400	34.4	44.0	16 700	40.0
42.0																			26.1	40.6	15 700	42.0
44.0																			13.8	35.0	14 700	44.0

Liftcrane Luffing Jib Capacities

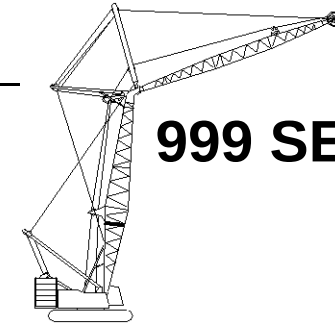
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

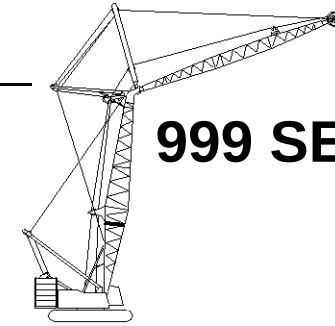
30.5m (100 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.0	62.0	35 100 *b																			12.2
14.0	69.4	61.4	33 800 *b																			14.0
16.0	65.3	60.6	31 700 *																			16.0
18.0	61.1	59.6	29 900 *	66.6	60.6	32 700 *																18.0
20.0	56.7	58.4	28 100 *	62.5	59.7	30 900 *	65.8	60.2	32 400 *													20.0
22.0	52.1	56.9	26 600 *	58.2	58.5	29 100 *	61.6	59.2	30 600 *													22.0
24.0	47.2	55.2	25 300 *	53.6	57.2	27 600 *	57.2	58.0	29 000 *													24.0
26.0	41.8	53.2	24 100 *	48.8	55.6	26 200 *	52.6	56.6	27 500 *	58.5	57.7	29 400 *										26.0
28.0	35.8	50.7	22 800 *	43.6	53.6	24 900 *	47.7	54.9	26 100 *	54.0	56.4	27 900 *										28.0
30.0	28.7	47.5	20 800 *	37.8	51.3	23 400 *	42.4	52.9	24 800 *	49.2	54.8	26 600 *	55.2	55.9	25 800							30.0
32.0	19.5	43.1	19 000 *	31.2	48.4	21 400 *	36.5	50.5	23 000 *	44.0	52.9	24 900	50.5	54.4	23 900							32.0
34.0				22.9	44.5	19 500 *	29.6	47.4	21 000 *	38.3	50.6	23 100	45.4	52.6	22 100	51.5	53.6	21 200				34.0
36.0							20.7	43.1	19 200 *	31.7	47.8	21 500	39.8	50.4	20 600	46.5	51.9	19 700				36.0
38.0										23.6	43.9	19 700 *	33.5	47.7	19 200	41.1	49.8	18 400				38.0
40.0													26.0	44.2	18 100	35.0	47.3	17 300	42.0	48.9	16 500	40.0
42.0													15.2	38.9	17 000	27.8	44.0	16 300	36.1	46.5	15 600	42.0
44.0																18.1	39.3	15 300	29.1	43.3	14 600	44.0
46.0																			20.0	38.9	13 800	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.6	65.2	32 900 *b																			12.2
14.0	71.3	64.7	32 000 *b																			14.0
16.0	67.7	63.9	30 300 *																			16.0
18.0	63.9	63.0	28 700 *																			18.0
20.0	60.1	62.0	27 200 *	65.2	63.1	29 600 *																20.0
22.0	56.0	60.7	25 700 *	61.3	62.0	28 000 *	64.4	62.6	29 200 *													22.0
24.0	51.8	59.3	24 400 *	57.4	60.9	26 500 *	60.5	61.5	27 700 *													24.0
26.0	47.3	57.5	23 200 *	53.2	59.5	25 200 *	56.5	60.3	26 300 *	61.6	61.2	28 000 *										26.0
28.0	42.5	55.5	22 200 *	48.8	57.9	24 000 *	52.3	58.9	25 000 *	57.7	60.1	26 700 *										28.0
30.0	37.1	53.1	20 900 *	44.1	56.0	22 800 *	47.8	57.2	23 800 *	53.5	58.7	25 400 *										30.0
32.0	31.0	50.2	19 100 *	38.9	53.7	21 600 *	43.0	55.2	22 800 *	49.2	57.1	24 300 *	54.6	58.2	23 800							32.0
34.0	23.6	46.3	17 300 *	33.1	50.9	19 700 *	37.8	52.9	21 300 *	44.5	55.2	23 100	50.3	56.7	22 100							34.0
36.0	12.6	40.2	14 000 *	26.2	47.4	18 000 *	31.8	50.0	19 300 *	39.4	53.0	21 500	45.7	54.9	20 600							36.0
38.0				16.9	42.4	16 500 *	24.5	46.3	17 700 *	33.6	50.3	19 900	40.7	52.7	19 200	46.7	54.2	18 400				38.0
40.0										26.8	46.8	18 200 *	35.2	50.2	18 100	41.9	52.2	17 300				40.0
42.0										17.8	42.0	16 700 *	28.7	47.0	17 000	36.4	49.7	16 300	42.7	51.2	15 600	42.0
44.0													20.5	42.6	16 000	30.2	46.7	15 300	37.4	48.9	14 600	44.0
46.0																22.5	42.6	14 400	31.3	45.9	13 800	46.0
48.0																			23.9	42.1	13 100	48.0
50.0																			13.2	36.2	12 300	50.0

Liftcrane Luffing Jib Capacities

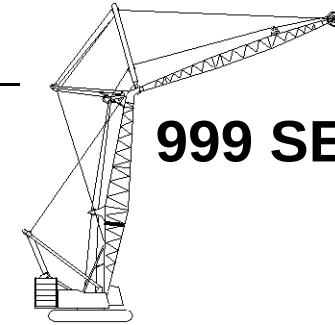
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

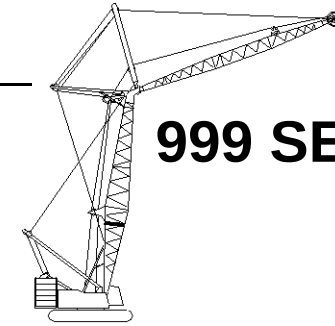
30.5m (100 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.9	68.4	31 100 *b																			12.2
14.0	72.9	67.9	29 600 *b																			14.0
16.0	69.6	67.2	28 000 *																			16.0
18.0	66.3	66.4	26 500 *																			18.0
20.0	62.8	65.4	25 100 *	67.4	66.4	27 200 *																20.0
22.0	59.2	64.3	23 800 *	63.9	65.5	25 900 *	66.6	65.9	26 900 *													22.0
24.0	55.5	63.0	22 600 *	60.4	64.4	24 600 *	63.2	65.0	25 600 *													24.0
26.0	51.6	61.6	21 400 *	56.7	63.2	23 300 *	59.6	63.9	24 300 *													26.0
28.0	47.5	59.8	20 200 *	52.9	61.8	22 000 *	55.9	62.6	23 100 *	60.7	63.6	24 500 *										28.0
30.0	43.1	57.9	19 300 *	48.8	60.2	20 900 *	52.0	61.2	21 900 *	57.0	62.4	23 400 *										30.0
32.0	38.2	55.5	18 300 *	44.5	58.3	19 900 *	47.9	59.5	20 800 *	53.2	61.0	22 200 *	58.0	61.9	23 400 *							32.0
34.0	32.9	52.7	17 400 *	39.8	56.1	18 900 *	43.6	57.6	19 700 *	49.1	59.4	21 200 *	54.2	60.5	22 000							34.0
36.0	26.5	49.2	16 100 *	34.7	53.4	17 900 *	38.8	55.3	18 800 *	44.9	57.5	20 100 *	50.2	59.0	20 400							36.0
38.0	18.3	44.4	14 300 *	28.7	50.2	16 600 *	33.5	52.5	17 700 *	40.2	55.3	19 200 *	46.0	57.2	19 100							38.0
40.0				21.3	45.9	15 300 *	27.3	49.1	16 300 *	35.1	52.8	18 200 *	41.5	55.1	17 900	46.9	56.5	17 100				40.0
42.0							19.4	44.5	15 000 *	29.2	49.6	16 700 *	36.5	52.6	16 800	42.5	54.5	16 100				42.0
44.0										21.9	45.4	15 400 *	30.8	49.6	15 900	37.6	52.1	15 200	43.2	53.6	14 500	44.0
46.0													24.0	45.8	15 000	32.1	49.2	14 300	38.5	51.3	13 700	46.0
48.0													14.5	40.0	14 200	25.6	45.6	13 500	33.1	48.5	12 900	48.0
50.0																17.0	40.5	12 800	26.8	45.0	12 200	50.0
52.0																			18.7	40.2	11 600	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.7	71.1	25 100 *b																			13.7
14.0	74.3	71.0	24 900 *b																			14.0
16.0	71.3	70.4	23 900 *																			16.0
18.0	68.2	69.7	22 600 *																			18.0
20.0	65.0	68.8	21 400 *	69.2	69.7	23 200 *																20.0
22.0	61.8	67.8	20 300 *	66.1	68.8	22 000 *																22.0
24.0	58.5	66.7	19 300 *	62.9	67.9	20 900 *	65.4	68.4	21 700 *													24.0
26.0	55.0	65.4	18 300 *	59.6	66.8	19 800 *	62.2	67.4	20 600 *													26.0
28.0	51.4	63.9	17 300 *	56.1	65.5	18 800 *	58.8	66.3	19 600 *													28.0
30.0	47.6	62.1	16 500 *	52.6	64.1	17 800 *	55.4	65.0	18 600 *	59.8	66.0	19 800 *										30.0
32.0	43.5	60.2	15 700 *	48.8	62.5	17 000 *	51.8	63.5	17 700 *	56.4	64.7	18 900 *										32.0
34.0	39.2	57.9	14 900 *	44.9	60.6	16 100 *	48.0	61.8	16 800 *	52.9	63.3	18 000 *										34.0
36.0	34.3	55.2	14 300 *	40.6	58.4	15 300 *	44.0	59.9	16 000 *	49.1	61.7	17 200 *	53.8	62.8	18 100 *							36.0
38.0	28.8	52.0	13 700 *	35.9	55.9	14 600 *	39.7	57.6	15 300 *	45.2	59.8	16 300 *	50.1	61.3	17 300 *							38.0
40.0	22.0	47.8	13 100 *	30.7	52.8	14 000 *	34.9	55.0	14 600 *	41.0	57.7	15 600 *	46.2	59.5	16 500 *	50.9	60.6	17 000				40.0
42.0	12.2	41.3	11 400 *	24.4	49.0	13 500 *	29.4	51.8	14 000 *	36.3	55.2	14 900 *	42.1	57.4	15 700 *	47.1	58.8	16 000				42.0
44.0				16.0	43.6	13 000 *	22.9	47.8	13 400 *	31.1	52.2	14 200 *	37.6	55.0	15 100 *	43.0	56.8	15 000				44.0
46.0										25.0	48.4	13 600 *	32.5	52.2	14 400 *	38.6	54.5	14 200	43.7	55.9	13 500	46.0
48.0										16.8	43.2	13 100 *	26.7	48.7	13 800 *	33.7	51.8	13 400	39.3	53.6	12 800	48.0
50.0													19.3	43.9	13 300	28.0	48.4	12 700	34.5	51.0	12 100	50.0
52.0																21.1	44.0	12 100	29.0	47.7	11 500	52.0
54.0																			22.4	43.6	10 900	54.0
56.0																			12.8	37.3	10 400	56.0

Liftcrane Luffing Jib Capacities

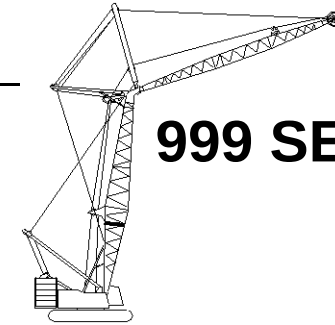
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

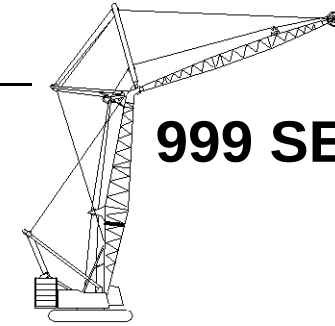
30.5m (100 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.8	74.3	23 400 *b																			13.7
14.0	75.4	74.2	23 200 *b																			14.0
16.0	72.6	73.6	22 100 *																			16.0
18.0	69.8	72.9	20 900 *																			18.0
20.0	66.9	72.2	19 800 *	70.7	72.9	21 300 *																20.0
22.0	64.0	71.2	18 700 *	67.9	72.2	20 200 *																22.0
24.0	60.9	70.2	17 700 *	64.9	71.3	19 200 *																24.0
26.0	57.8	69.0	16 700 *	61.9	70.3	18 200 *	64.3	70.8	19 000 *													26.0
28.0	54.6	67.7	15 800 *	58.8	69.1	17 200 *	61.3	69.8	18 000 *													28.0
30.0	51.2	66.2	15 000 *	55.6	67.9	16 300 *	58.2	68.6	17 000 *													30.0
32.0	47.7	64.5	14 200 *	52.3	66.4	15 400 *	54.9	67.3	16 100 *	59.1	68.3	17 200 *										32.0
34.0	43.9	62.5	13 400 *	48.8	64.8	14 600 *	51.6	65.8	15 300 *	55.9	67.1	16 400 *										34.0
36.0	39.9	60.3	12 700 *	45.2	62.9	13 800 *	48.1	64.1	14 500 *	52.6	65.6	15 500 *										36.0
38.0	35.5	57.7	12 100 *	41.3	60.8	13 100 *	44.4	62.2	13 700 *	49.1	64.0	14 700 *	53.5	65.2	15 600 *							38.0
40.0	30.6	54.6	11 500 *	37.0	58.3	12 400 *	40.4	60.0	13 000 *	45.5	62.1	14 000 *	50.0	63.6	14 900 *							40.0
42.0	24.8	50.8	11 000 *	32.3	55.4	11 800 *	36.0	57.5	12 400 *	41.6	60.0	13 300 *	46.4	61.8	14 200 *	50.8	62.9	14 800 *				42.0
44.0	17.4	45.6	10 600 *	26.8	51.9	11 300 *	31.2	54.4	11 800 *	37.3	57.6	12 600 *	42.6	59.8	13 400 *	47.2	61.1	14 200 *				44.0
46.0				20.1	47.3	10 800 *	25.5	50.7	11 200 *	32.7	54.8	12 000 *	38.5	57.4	12 800 *	43.5	59.1	13 500 *				46.0
48.0							18.3	45.8	10 800 *	27.3	51.3	11 500 *	33.9	54.7	12 200 *	39.4	56.9	12 900 *	44.1	58.2	12 700	48.0
50.0										20.7	46.8	10 900 *	28.8	51.4	11 600 *	35.0	54.2	12 300 *	40.1	56.0	12 000	50.0
52.0													22.6	47.2	11 100 *	30.0	51.1	11 700 *	35.7	53.4	11 400	52.0
54.0													14.0	41.2	10 700 *	24.0	47.2	11 200 *	30.8	50.4	10 800	54.0
56.0																16.2	41.7	10 800	25.1	46.6	10 200	56.0
58.0																			17.7	41.5	9 700	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

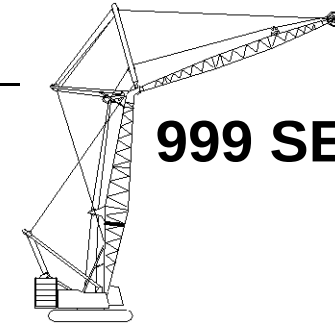
30.5m (100 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.8	77.0	20 900 *																			15.2
16.0	73.8	76.8	20 400 *																			16.0
18.0	71.2	76.2	19 300 *																			18.0
20.0	68.5	75.4	18 300 *																			20.0
22.0	65.8	74.6	17 300 *	69.4	75.4	18 700 *																22.0
24.0	63.0	73.6	16 300 *	66.7	74.6	17 700 *																24.0
26.0	60.2	72.6	15 400 *	63.9	73.7	16 700 *	66.1	74.2	17 500 *													26.0
28.0	57.3	71.4	14 500 *	61.1	72.7	15 800 *	63.3	73.2	16 500 *													28.0
30.0	54.2	70.0	13 700 *	58.2	71.5	15 000 *	60.5	72.2	15 700 *													30.0
32.0	51.1	68.5	12 900 *	55.2	70.2	14 100 *	57.6	71.0	14 800 *	61.3	71.8	15 800 *										32.0
34.0	47.8	66.8	12 200 *	52.1	68.7	13 300 *	54.6	69.6	14 000 *	58.4	70.7	15 000 *										34.0
36.0	44.3	64.8	11 500 *	48.9	67.1	12 600 *	51.4	68.1	13 200 *	55.5	69.4	14 200 *										36.0
38.0	40.6	62.6	10 900 *	45.4	65.2	11 900 *	48.1	66.4	12 500 *	52.4	67.9	13 400 *										38.0
40.0	36.6	60.1	10 300 *	41.8	63.1	11 200 *	44.7	64.5	11 800 *	49.1	66.3	12 700 *	53.2	67.5	13 500 *							40.0
42.0	32.1	57.2	9 700 *	37.9	60.7	10 600 *	41.0	62.3	11 100 *	45.7	64.5	12 000 *	50.0	65.9	12 800 *							42.0
44.0	27.0	53.7	9 200 *	33.6	57.9	10 000 *	37.0	59.9	10 500 *	42.1	62.4	11 400 *	46.6	64.1	12 200 *	50.7	65.2	12 800 *				44.0
46.0	20.8	49.2	8 800 *	28.8	54.6	9 500 *	32.6	57.0	9 900 *	38.2	60.0	10 800 *	43.1	62.1	11 500 *	47.4	63.4	12 200 *				46.0
48.0	12.0	42.4	8 300 *	23.0	50.5	9 000 *	27.6	53.6	9 400 *	34.0	57.3	10 200 *	39.2	59.8	10 900 *	43.8	61.5	11 600 *				48.0
50.0				15.4	44.8	8 600 *	21.6	49.2	9 000 *	29.2	54.0	9 600 *	35.1	57.2	10 300 *	40.1	59.2	11 000 *	44.4	60.5	11 500 *	50.0
52.0										23.5	50.0	9 200 *	30.5	54.0	9 800 *	36.0	56.7	10 500 *	40.7	58.4	11 000 *	52.0
54.0										16.1	44.4	8 800 *	25.1	50.3	9 300 *	31.5	53.7	9 900 *	36.7	55.9	10 500 *	54.0
56.0													18.3	45.2	8 900 *	26.3	50.1	9 400 *	32.3	52.9	10 000 *	56.0
58.0																20.0	45.4	9 000 *	27.3	49.5	9 500 *	58.0
60.0																			21.1	45.0	9 100 *	60.0
62.0																			12.5	38.4	8 700 *	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

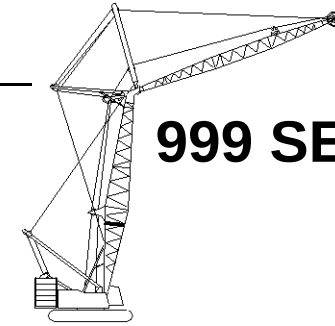
30.5m (100 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.8	80.2	19 200 *																			15.2
16.0	74.9	80.0	18 800 *																			16.0
18.0	72.4	79.4	17 800 *																			18.0
20.0	69.9	78.7	16 800 *																			20.0
22.0	67.4	77.9	15 800 *																			22.0
24.0	64.8	77.0	14 900 *	68.2	77.9	16 200 *																24.0
26.0	62.2	76.0	14 000 *	65.7	77.1	15 300 *	67.7	77.5	15 900 *													26.0
28.0	59.5	74.9	13 200 *	63.1	76.1	14 400 *	65.1	76.6	15 000 *													28.0
30.0	56.8	73.7	12 400 *	60.4	75.0	13 500 *	62.5	75.6	14 200 *													30.0
32.0	53.9	72.3	11 600 *	57.7	73.8	12 700 *	59.8	74.5	13 400 *													32.0
34.0	50.9	70.8	10 900 *	54.8	72.5	12 000 *	57.1	73.3	12 600 *	60.6	74.2	13 500 *										34.0
36.0	47.9	69.1	10 300 *	51.9	71.0	11 200 *	54.2	71.9	11 900 *	57.9	73.0	12 800 *										36.0
38.0	44.6	67.1	9 600 *	48.9	69.4	10 600 *	51.3	70.4	11 100 *	55.1	71.7	12 100 *										38.0
40.0	41.1	65.0	9 000 *	45.7	67.5	9 900 *	48.2	68.7	10 400 *	52.1	70.2	11 300 *	55.8	71.2	12 100 *							40.0
42.0	37.4	62.5	8 500 *	42.3	65.4	9 300 *	45.0	66.8	9 800 *	49.1	68.6	10 600 *	52.9	69.8	11 400 *							42.0
44.0	33.4	59.7	8 000 *	38.7	63.1	8 700 *	41.5	64.7	9 200 *	45.9	66.8	10 000 *	49.9	68.2	10 800 *							44.0
46.0	28.8	56.4	7 500 *	34.7	60.4	8 200 *	37.9	62.3	8 700 *	42.6	64.7	9 400 *	46.8	66.4	10 200 *	50.6	67.5	10 800 *				46.0
48.0	23.5	52.3	7 000 *	30.4	57.3	7 700 *	33.8	59.5	8 100 *	39.0	62.4	8 900 *	43.4	64.4	9 600 *	47.5	65.7	10 200 *				48.0
50.0	16.6	46.9	6 700 *	25.3	53.5	7 300 *	29.4	56.3	7 600 *	35.0	59.7	8 300 *	39.9	62.2	9 000 *	44.2	63.8	9 700 *				50.0
52.0				19.1	48.6	6 900 *	24.1	52.3	7 200 *	30.7	56.6	7 800 *	36.1	59.6	8 500 *	40.7	61.6	9 100 *	44.7	62.8	9 700 *	52.0
54.0							17.5	47.0	6 800 *	25.8	52.9	7 400 *	31.9	56.6	8 000 *	37.0	59.1	8 600 *	41.3	60.7	9 100 *	54.0
56.0										19.7	48.1	7 000 *	27.1	53.1	7 500 *	32.8	56.2	8 100 *	37.6	58.3	8 600 *	56.0
58.0													21.4	48.7	7 100 *	28.2	52.9	7 600 *	33.6	55.5	8 100 *	58.0
60.0													13.6	42.3	6 700 *	22.8	48.7	7 200 *	29.0	52.2	7 700 *	60.0
62.0																15.6	42.9	6 800 *	23.7	48.1	7 300 *	62.0
64.0																			17.0	42.8	6 900 *	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

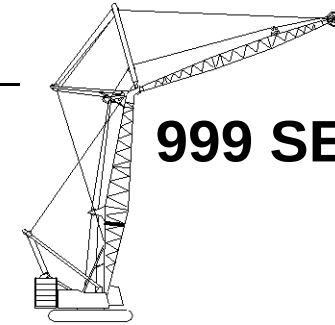
30.5m (100 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.9	82.9	17 000 *																			16.8
18.0	73.5	82.6	16 500 *																			18.0
20.0	71.2	81.9	15 500 *																			20.0
22.0	68.8	81.2	14 600 *																			22.0
24.0	66.4	80.4	13 700 *	69.6	81.2	14 900 *																24.0
26.0	64.0	79.5	12 900 *	67.2	80.4	14 100 *																26.0
28.0	61.5	78.4	12 100 *	64.8	79.5	13 200 *	66.7	79.9	13 800 *													28.0
30.0	58.9	77.3	11 300 *	62.3	78.5	12 400 *	64.3	79.0	13 000 *													30.0
32.0	56.3	76.0	10 600 *	59.8	77.4	11 700 *	61.8	78.0	12 200 *													32.0
34.0	53.6	74.6	9 900 *	57.2	76.2	10 900 *	59.2	76.9	11 500 *													34.0
36.0	50.8	73.1	9 300 *	54.5	74.8	10 200 *	56.6	75.6	10 800 *	60.0	76.6	11 600 *										36.0
38.0	47.9	71.4	8 600 *	51.7	73.3	9 600 *	53.9	74.2	10 100 *	57.4	75.4	11 000 *										38.0
40.0	44.9	69.4	8 100 *	48.9	71.7	8 900 *	51.1	72.7	9 400 *	54.7	74.0	10 300 *										40.0
42.0	41.6	67.3	7 500 *	45.9	69.8	8 300 *	48.2	71.0	8 800 *	52.0	72.5	9 600 *	55.4	73.5	10 400 *							42.0
44.0	38.2	64.9	7 000 *	42.7	67.8	7 800 *	45.2	69.1	8 300 *	49.1	70.9	9 000 *	52.7	72.1	9 700 *							44.0
46.0	34.5	62.2	6 600 *	39.3	65.5	7 300 *	42.0	67.0	7 700 *	46.1	69.1	8 400 *	49.9	70.5	9 100 *							46.0
48.0	30.3	59.1	6 100 *	35.7	62.9	6 800 *	38.6	64.7	7 200 *	43.0	67.0	7 900 *	46.9	68.7	8 600 *	50.5	69.8	9 200 *				48.0
50.0	25.6	55.3	5 700 *	31.7	59.9	6 300 *	34.9	62.0	6 700 *	39.6	64.8	7 400 *	43.8	66.7	8 000 *	47.5	68.0	8 600 *				50.0
52.0	19.9	50.5	5 200 *	27.2	56.3	5 900 *	30.8	58.9	6 300 *	36.0	62.2	6 900 *	40.5	64.5	7 500 *	44.5	66.1	8 100 *				52.0
54.0	11.8	43.5	4 800 *	21.9	51.9	5 400 *	26.2	55.2	5 800 *	32.0	59.2	6 400 *	37.0	62.0	7 000 *	41.2	63.9	7 600 *	45.0	65.1	8 100 *	54.0
56.0				14.9	45.9	4 900 *	20.6	50.6	5 300 *	27.6	55.7	6 000 *	33.1	59.2	6 600 *	37.7	61.5	7 100 *	41.8	63.0	7 600 *	56.0
58.0										22.3	51.4	5 500 *	28.8	55.8	6 100 *	34.0	58.7	6 600 *	38.3	60.7	7 100 *	58.0
60.0										15.5	45.6	5 000 *	23.8	51.8	5 600 *	29.8	55.5	6 200 *	34.6	58.0	6 700 *	60.0
62.0													17.5	46.5	5 100 *	25.0	51.7	5 700 *	30.5	54.8	6 300 *	62.0
64.0													7.2	37.4	4 700 *	19.1	46.7	5 200 *	25.8	51.1	5 800 *	64.0
66.0																			20.2	46.4	5 300 *	66.0
68.0																			12.2	39.5	4 900 *	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

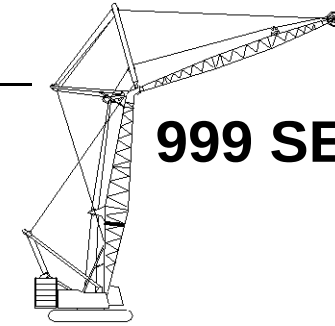
33.5m (110 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	61.0	54.6	44 300 *b																			13.7
14.0	60.1	54.4	44 000 *b																			14.0
16.0	53.7	53.1	41 800 *b																			16.0
18.0	46.7	51.5	39 700 *	56.7	53.5	43 600 *b																18.0
20.0	38.8	49.3	35 500 *	50.0	52.0	41 300 *b	55.8	53.0	43 500 *b													20.0
22.0	29.2	46.4	31 200 *	42.6	50.1	38 300 *	49.1	51.5	40 900 b	58.5	52.9	39 400 b										22.0
24.0	14.9	41.4	24 600 *	33.9	47.6	33 200 *	41.5	49.5	37 000	52.0	51.5	35 300										24.0
26.0				22.5	43.8	29 400 *	32.6	46.8	32 700 *	44.8	49.7	32 100	54.6	51.1	30 600 b							26.0
28.0							20.5	42.8	28 500 *	36.6	47.4	29 300	47.7	49.5	28 000							28.0
30.0										26.2	44.1	26 900	39.9	47.4	25 700							30.0
32.0										7.9	37.6	24 800	30.6	44.6	23 800	42.7	47.0	22 700				32.0
34.0																34.0	44.5	21 000	44.9	46.2	20 100	34.0
36.0																22.7	40.8	19 600	36.6	43.9	18 700	36.0
38.0																			26.4	40.6	17 500	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

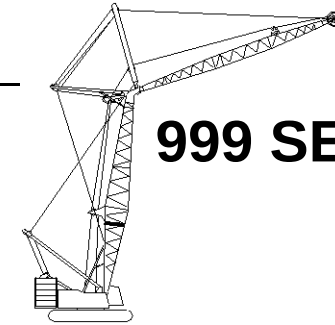
33.5m (110 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	64.9	58.0	39 700 *b																			13.7
14.0	64.2	57.9	39 400 *b																			14.0
16.0	58.8	56.8	37 300 *b																			16.0
18.0	53.2	55.5	35 200 *	61.3	57.0	38 900 *b																18.0
20.0	47.0	53.8	33 400 *	55.8	55.8	36 600 *	60.6	56.6	38 700 *b													20.0
22.0	40.2	51.7	31 500 *	49.9	54.3	34 700 *	55.0	55.3	36 600 *													22.0
24.0	32.3	49.0	28 300 *	43.4	52.4	33 000 *	49.1	53.8	34 700 *	57.4	55.2	35 200										24.0
26.0	21.9	45.0	25 000 *	36.1	50.0	29 700 *	42.5	51.8	33 000 *	51.6	53.8	31 900										26.0
28.0				27.1	46.8	26 600 *	35.0	49.3	29 300 *	45.4	52.0	29 100	53.9	53.4	27 900							28.0
30.0				13.5	41.4	22 200 *	25.7	45.9	26 200 *	38.3	49.8	26 800	47.8	51.8	25 600							30.0
32.0							10.5	39.8	22 300 *	29.9	46.8	24 800	41.1	49.8	23 600	50.0	51.2	22 500				32.0
34.0										18.4	42.4	22 900	33.4	47.1	21 900	43.5	49.3	20 900				34.0
36.0													23.5	43.4	20 400	36.2	46.9	19 500				36.0
38.0																27.2	43.7	18 200	38.4	46.3	17 300	38.0
40.0																			30.0	43.3	16 200	40.0
42.0																			18.5	38.9	15 200	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	67.9	61.4	36 400 *b																			13.7
14.0	67.2	61.2	36 100 *b																			14.0
16.0	62.6	60.3	34 000 *b																			16.0
18.0	57.8	59.2	32 100 *	64.7	60.5	35 400 *b																18.0
20.0	52.7	57.8	30 500 *	60.0	59.4	33 600 *	64.1	60.0	35 300 *b													20.0
22.0	47.3	56.1	29 000 *	55.1	58.1	31 800 *	59.4	59.0	33 500 *													22.0
24.0	41.3	54.0	27 700 *	49.8	56.6	30 200 *	54.4	57.7	31 800 *													24.0
26.0	34.5	51.5	25 400 *	44.1	54.7	28 800 *	49.1	56.1	30 300 *	56.5	57.5	31 800										26.0
28.0	26.2	48.0	23 000 *	37.7	52.4	26 700 *	43.3	54.2	28 700 *	51.3	56.1	29 100										28.0
30.0	14.0	42.6	19 200 *	30.2	49.5	24 000 *	36.8	51.8	26 300 *	45.8	54.3	26 700	53.4	55.7	25 500							30.0
32.0				20.4	45.2	21 900 *	29.1	48.7	23 700 *	39.6	52.2	24 700	48.0	54.1	23 500							32.0
34.0							18.7	44.2	21 500 *	32.5	49.4	22 900	42.1	52.1	21 800	49.9	53.5	20 800				34.0
36.0										23.6	45.7	21 300	35.4	49.6	20 400	44.1	51.7	19 400				36.0
38.0										8.4	38.7	19 900	27.4	46.3	19 000	37.8	49.4	18 100				38.0
40.0																30.3	46.4	17 000	39.7	48.7	16 100	40.0
42.0																20.6	42.2	15 900	32.6	45.9	15 100	42.0
44.0																			23.7	42.2	14 300	44.0

Liftcrane Luffing Jib Capacities

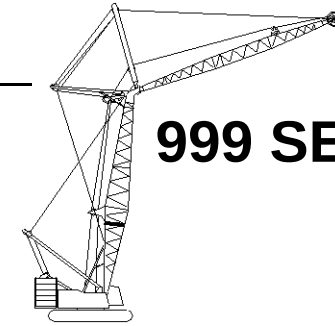
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.2	64.6	34 000 *b																			13.7
14.0	69.6	64.5	33 700 *b																			14.0
16.0	65.5	63.7	31 700 *b																			16.0
18.0	61.3	62.7	29 900 *	67.4	63.8	33 000 *b																18.0
20.0	57.0	61.5	28 200 *	63.3	62.9	31 100 *	66.9	63.4	32 700 *b													20.0
22.0	52.3	60.1	26 700 *	59.0	61.8	29 400 *	62.7	62.4	31 000 *													22.0
24.0	47.4	58.4	25 300 *	54.5	60.5	27 800 *	58.4	61.3	29 300 *													24.0
26.0	42.1	56.4	24 100 *	49.7	58.9	26 400 *	53.9	60.0	27 800 *	60.2	61.1	30 000 *										26.0
28.0	36.1	53.9	22 800 *	44.6	57.0	25 100 *	49.0	58.4	26 500 *	55.8	59.9	28 500										28.0
30.0	29.1	50.8	20 900 *	38.9	54.8	23 800 *	43.9	56.5	25 200 *	51.1	58.4	26 600										30.0
32.0	20.1	46.4	19 100 *	32.5	52.0	21 700 *	38.1	54.2	23 600 *	46.1	56.6	24 500	53.0	58.1	23 400							32.0
34.0				24.6	48.4	19 900 *	31.5	51.3	21 500 *	40.6	54.5	22 800	48.1	56.4	21 700							34.0
36.0				12.9	42.5	17 500 *	23.4	47.5	19 700 *	34.4	51.9	21 200	42.8	54.4	20 200	49.8	55.8	19 200				36.0
38.0							10.4	40.9	18 000 *	27.1	48.5	19 800	36.9	52.0	18 900	44.6	54.0	17 900				38.0
40.0										17.1	43.6	18 600	30.1	49.0	17 700	39.0	51.7	16 800	46.1	53.1	16 000	40.0
42.0													21.5	44.9	16 600	32.6	49.0	15 800	40.7	51.0	15 000	42.0
44.0																24.7	45.3	14 900	34.5	48.4	14 100	44.0
46.0																			27.2	45.1	13 300	46.0
48.0																			17.2	40.2	12 600	48.0

Liftcrane Luffing Jib Capacities

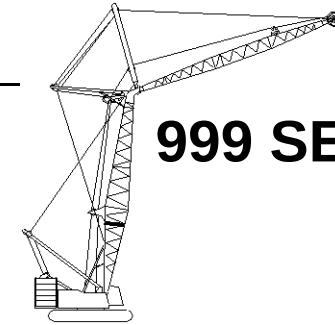
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

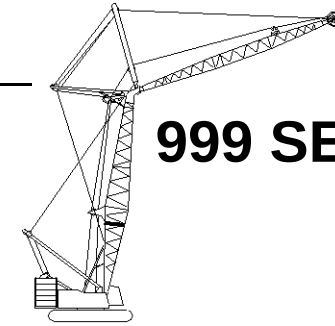
33.5m (110 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.0	67.8	32 000 *b																			13.7
14.0	71.5	67.7	31 800 *b																			14.0
16.0	67.9	67.0	30 100 *b																			16.0
18.0	64.1	66.1	28 600 *																			18.0
20.0	60.3	65.1	27 200 *	65.9	66.3	29 700 *																20.0
22.0	56.3	63.8	25 800 *	62.1	65.3	28 200 *	65.4	65.8	29 500 *													22.0
24.0	52.0	62.4	24 400 *	58.1	64.1	26 800 *	61.5	64.8	28 100 *													24.0
26.0	47.6	60.7	23 300 *	54.0	62.8	25 400 *	57.6	63.7	26 700 *													26.0
28.0	42.7	58.7	22 200 *	49.6	61.2	24 200 *	53.4	62.3	25 400 *	59.3	63.5	27 200 *										28.0
30.0	37.4	56.3	21 000 *	45.0	59.4	23 100 *	49.0	60.7	24 200 *	55.2	62.2	25 900 *										30.0
32.0	31.4	53.4	19 200 *	39.9	57.2	22 000 *	44.3	58.8	23 000 *	50.9	60.7	24 500	56.8	61.8	23 300							32.0
34.0	24.0	49.6	17 600 *	34.3	54.5	20 100 *	39.2	56.6	21 900 *	46.4	58.9	22 800	52.6	60.4	21 700							34.0
36.0	13.4	43.7	14 900 *	27.6	51.2	18 400 *	33.4	53.8	19 900 *	41.4	56.9	21 200	48.2	58.7	20 200							36.0
38.0				19.0	46.5	16 900 *	26.6	50.4	18 200 *	36.0	54.4	19 800	43.4	56.8	18 900	49.7	58.1	17 900				38.0
40.0							17.5	45.4	16 600 *	29.7	51.3	18 600	38.2	54.4	17 700	45.1	56.3	16 800				40.0
42.0										21.8	47.1	17 400	32.2	51.6	16 700	40.0	54.1	15 800				42.0
44.0										8.8	39.8	15 900 *	25.1	47.9	15 700	34.3	51.5	14 900	41.5	53.4	14 100	44.0
46.0																27.7	48.1	14 000	36.0	50.9	13 300	46.0
48.0																19.1	43.5	13 300	29.7	47.8	12 600	48.0
50.0																			21.9	43.6	11 900	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

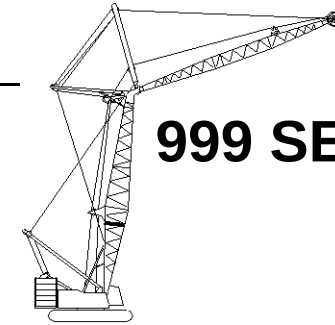
33.5m (110 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.6	71.0	26 500 *b																			13.7
14.0	73.1	70.9	26 400 *b																			14.0
16.0	69.8	70.3	25 600 *																			16.0
18.0	66.4	69.5	24 400 *																			18.0
20.0	63.0	68.5	23 100 *	68.0	69.6	25 200 *																20.0
22.0	59.4	67.4	21 900 *	64.6	68.7	23 900 *																22.0
24.0	55.7	66.2	20 800 *	61.0	67.7	22 700 *	64.1	68.3	23 700 *													24.0
26.0	51.8	64.7	19 700 *	57.4	66.5	21 500 *	60.6	67.2	22 500 *													26.0
28.0	47.7	63.0	18 700 *	53.6	65.1	20 400 *	56.9	66.0	21 400 *													28.0
30.0	43.3	61.0	17 800 *	49.6	63.5	19 400 *	53.1	64.6	20 300 *	58.5	65.8	21 800 *										30.0
32.0	38.5	58.7	17 100 *	45.3	61.7	18 500 *	49.0	63.0	19 400 *	54.7	64.5	20 800 *										32.0
34.0	33.2	55.9	16 300 *	40.7	59.5	17 600 *	44.7	61.1	18 400 *	50.8	63.0	19 800 *	56.2	64.1	20 900 *							34.0
36.0	26.9	52.5	15 700 *	35.7	57.0	16 800 *	40.1	58.9	17 600 *	46.6	61.2	18 900 *	52.3	62.7	20 000							36.0
38.0	18.8	47.7	15 000 *	29.9	53.9	16 200 *	35.0	56.3	16 800 *	42.1	59.2	18 000 *	48.2	61.0	18 700							38.0
40.0				22.8	49.8	15 500 *	29.0	53.1	16 200 *	37.2	56.8	17 200 *	43.9	59.1	17 500	49.6	60.4	16 600				40.0
42.0				12.5	43.6	13 700 *	21.7	48.9	15 500 *	31.7	53.9	16 500 *	39.2	56.8	16 500	45.4	58.6	15 600				42.0
44.0							10.4	41.9	13 900 *	25.0	50.2	15 900 *	33.9	54.1	15 500	40.8	56.5	14 700				44.0
46.0										16.1	44.8	14 800 *	27.8	50.8	14 700	35.7	53.9	13 900	42.1	55.7	13 100	46.0
48.0													20.0	46.3	13 800	30.0	50.8	13 100	37.2	53.3	12 400	48.0
50.0																22.9	46.8	12 400	31.7	50.4	11 800	50.0
52.0																			25.1	46.7	11 100	52.0
54.0																			16.2	41.4	10 600	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

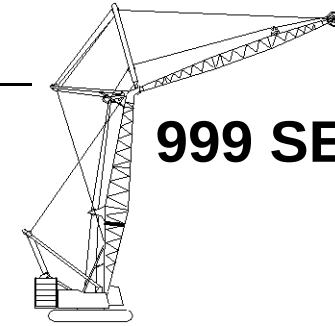
33.5m (110 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.9	74.2	24 800 *b																			13.7
14.0	74.5	74.1	24 700 *b																			14.0
16.0	71.4	73.5	23 900 *																			16.0
18.0	68.3	72.8	22 600 *																			18.0
20.0	65.2	71.9	21 400 *	69.8	72.8	23 200 *																20.0
22.0	62.0	70.9	20 300 *	66.6	72.0	22 100 *																22.0
24.0	58.6	69.8	19 300 *	63.5	71.1	21 000 *	66.2	71.6	21 900 *													24.0
26.0	55.2	68.5	18 300 *	60.2	70.0	20 000 *	63.0	70.7	20 900 *													26.0
28.0	51.6	67.0	17 400 *	56.8	68.8	19 000 *	59.7	69.6	19 900 *													28.0
30.0	47.8	65.3	16 500 *	53.2	67.4	18 000 *	56.3	68.3	18 900 *	61.1	69.4	20 100 *										30.0
32.0	43.8	63.3	15 700 *	49.5	65.8	17 100 *	52.8	66.9	18 000 *	57.8	68.2	19 200 *										32.0
34.0	39.4	61.1	15 000 *	45.6	64.0	16 300 *	49.0	65.3	17 100 *	54.3	66.8	18 300 *										34.0
36.0	34.6	58.4	14 300 *	41.4	61.9	15 500 *	45.1	63.4	16 300 *	50.6	65.3	17 500 *	55.6	66.4	18 500 *							36.0
38.0	29.1	55.2	13 700 *	36.8	59.4	14 800 *	40.8	61.3	15 500 *	46.8	63.5	16 700 *	52.1	65.0	17 700 *							38.0
40.0	22.5	51.1	13 200 *	31.7	56.5	14 200 *	36.2	58.8	14 800 *	42.7	61.5	15 900 *	48.3	63.3	16 900 *							40.0
42.0	12.9	44.8	11 800 *	25.7	52.8	13 600 *	31.0	55.7	14 200 *	38.2	59.2	15 200 *	44.3	61.4	16 200 *	49.6	62.7	15 500				42.0
44.0				17.9	47.8	13 100 *	24.8	52.0	13 600 *	33.3	56.4	14 500 *	40.0	59.2	15 400	45.7	60.9	14 600				44.0
46.0							16.6	46.7	13 100 *	27.5	53.0	13 900 *	35.2	56.6	14 600	41.5	58.8	13 800	46.8	60.0	13 000	46.0
48.0										20.4	48.5	13 400 *	29.9	53.5	13 800	36.9	56.3	13 100	42.7	58.0	12 300	48.0
50.0										9.0	40.9	12 700 *	23.4	49.5	13 100	31.8	53.4	12 300	38.2	55.7	11 700	50.0
52.0																25.8	49.8	11 700	33.3	52.9	11 100	52.0
54.0																18.0	44.8	11 100	27.6	49.5	10 500	54.0
56.0																			20.5	45.0	10 000	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

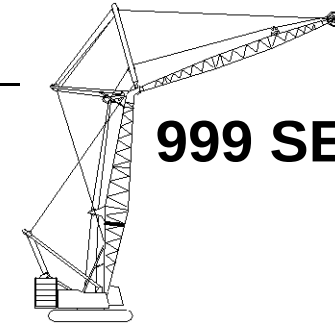
33.5m (110 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	76.0	77.3	23 100 *b																			13.7
14.0	75.6	77.3	23 000 *b																			14.0
16.0	72.8	76.7	22 000 *																			16.0
18.0	70.0	76.0	20 800 *																			18.0
20.0	67.1	75.2	19 800 *																			20.0
22.0	64.1	74.3	18 700 *	68.4	75.3	20 400 *																22.0
24.0	61.1	73.3	17 700 *	65.5	74.5	19 300 *																24.0
26.0	58.0	72.1	16 700 *	62.5	73.5	18 300 *	65.1	74.1	19 100 *													26.0
28.0	54.8	70.8	15 900 *	59.4	72.4	17 400 *	62.1	73.1	18 200 *													28.0
30.0	51.4	69.3	15 000 *	56.2	71.1	16 400 *	59.0	71.9	17 300 *													30.0
32.0	47.9	67.6	14 200 *	53.0	69.7	15 600 *	55.8	70.7	16 400 *	60.3	71.7	17 500 *										32.0
34.0	44.1	65.7	13 500 *	49.5	68.1	14 800 *	52.5	69.2	15 500 *	57.2	70.5	16 700 *										34.0
36.0	40.1	63.5	12 800 *	45.9	66.3	14 000 *	49.0	67.6	14 700 *	53.9	69.2	15 900 *										36.0
38.0	35.8	60.9	12 100 *	42.0	64.2	13 300 *	45.4	65.7	14 000 *	50.5	67.6	15 100 *	55.2	68.8	16 000 *							38.0
40.0	30.9	57.8	11 500 *	37.8	61.8	12 600 *	41.5	63.6	13 200 *	46.9	65.8	14 300 *	51.8	67.3	15 300 *							40.0
42.0	25.2	54.1	11 000 *	33.2	59.0	12 000 *	37.2	61.2	12 500 *	43.1	63.8	13 600 *	48.3	65.6	14 500 *							42.0
44.0	17.8	49.0	10 600 *	27.9	55.6	11 400 *	32.5	58.3	11 900 *	39.1	61.6	12 900 *	44.6	63.7	13 800 *	49.6	65.0	14 500				44.0
46.0				21.5	51.3	10 900 *	27.1	54.8	11 400 *	34.6	58.9	12 200 *	40.7	61.5	13 200 *	45.9	63.2	13 600				46.0
48.0				12.2	44.7	10 300 *	20.5	50.3	10 900 *	29.5	55.7	11 700 *	36.4	59.0	12 500 *	42.1	61.1	12 900				48.0
50.0							10.3	43.0	10 600 *	23.5	51.7	11 200 *	31.6	56.1	12 000 *	37.9	58.8	12 200	43.2	60.4	11 500	50.0
52.0										15.4	46.0	10 800 *	26.0	52.4	11 400 *	33.3	56.0	11 600	39.1	58.1	10 900	52.0
54.0													18.9	47.6	11 000 *	28.0	52.6	11 000	34.6	55.4	10 300	54.0
56.0																21.6	48.2	10 400	29.6	52.2	9 800	56.0
58.0																			23.5	48.2	9 400	58.0
60.0																			15.5	42.6	8 900	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

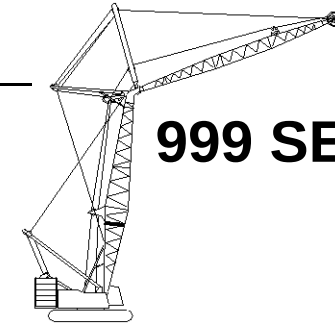
33.5m (110 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.0	80.1	20 800 *																			15.2
16.0	74.0	79.9	20 400 *																			16.0
18.0	71.4	79.3	19 300 *																			18.0
20.0	68.7	78.5	18 300 *																			20.0
22.0	66.0	77.7	17 300 *	69.9	78.6	18 800 *																22.0
24.0	63.2	76.7	16 300 *	67.2	77.8	17 800 *																24.0
26.0	60.3	75.7	15 400 *	64.5	76.9	16 900 *	66.8	77.4	17 600 *													26.0
28.0	57.4	74.5	14 600 *	61.7	75.9	16 000 *	64.1	76.5	16 800 *													28.0
30.0	54.4	73.1	13 800 *	58.8	74.7	15 100 *	61.3	75.4	15 900 *													30.0
32.0	51.2	71.6	13 000 *	55.8	73.5	14 300 *	58.4	74.3	15 000 *	62.5	75.2	16 100 *										32.0
34.0	48.0	69.9	12 300 *	52.7	72.0	13 500 *	55.4	73.0	14 200 *	59.6	74.1	15 300 *										34.0
36.0	44.5	68.0	11 600 *	49.5	70.4	12 700 *	52.3	71.5	13 400 *	56.6	72.9	14 500 *										36.0
38.0	40.8	65.8	11 000 *	46.1	68.6	12 000 *	49.0	69.9	12 700 *	53.6	71.5	13 700 *										38.0
40.0	36.8	63.3	10 400 *	42.5	66.5	11 400 *	45.6	68.0	12 000 *	50.4	69.9	13 000 *	54.8	71.1	13 900 *							40.0
42.0	32.4	60.4	9 800 *	38.6	64.2	10 700 *	42.0	65.9	11 300 *	47.1	68.1	12 300 *	51.7	69.6	13 200 *							42.0
44.0	27.3	56.9	9 300 *	34.4	61.5	10 200 *	38.1	63.6	10 700 *	43.6	66.2	11 600 *	48.4	67.9	12 500 *							44.0
46.0	21.2	52.5	8 800 *	29.7	58.3	9 600 *	33.8	60.8	10 100 *	39.8	63.9	11 000 *	44.9	66.0	11 900 *	49.5	67.3	12 600 *				46.0
48.0	12.6	45.9	8 500 *	24.2	54.4	9 200 *	29.0	57.5	9 600 *	35.7	61.3	10 400 *	41.3	63.9	11 200 *	46.1	65.5	12 000 *				48.0
50.0				17.1	49.1	8 700 *	23.3	53.5	9 100 *	31.1	58.3	9 900 *	37.3	61.4	10 700 *	42.5	63.5	11 400 *				50.0
52.0							15.9	47.9	8 700 *	25.9	54.6	9 400 *	33.0	58.6	10 100 *	38.7	61.1	10 800 *	43.6	62.7	10 900	52.0
54.0										19.4	49.8	8 900 *	28.0	55.2	9 600 *	34.5	58.4	10 300 *	39.8	60.4	10 300	54.0
56.0										9.2	42.0	8 600 *	22.1	50.9	9 100 *	29.8	55.3	9 800 *	35.7	57.8	9 800	56.0
58.0																24.3	51.3	9 300 *	31.2	54.8	9 300	58.0
60.0																17.2	46.0	8 900 *	25.9	51.1	8 900	60.0
62.0																			19.4	46.4	8 400	62.0
64.0																			9.3	38.5	8 000	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

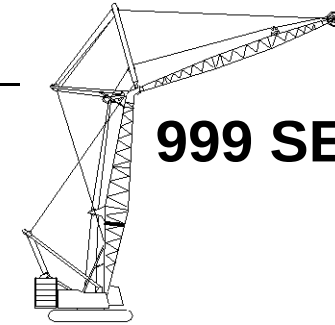
33.5m (110 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.9	83.2	19 100 *																			15.2
16.0	75.0	83.0	18 800 *																			16.0
18.0	72.6	82.5	17 700 *																			18.0
20.0	70.1	81.8	16 800 *																			20.0
22.0	67.6	81.0	15 800 *																			22.0
24.0	65.0	80.1	14 900 *	68.7	81.1	16 300 *																24.0
26.0	62.4	79.1	14 000 *	66.2	80.3	15 400 *																26.0
28.0	59.7	78.0	13 200 *	63.6	79.3	14 500 *	65.8	79.8	15 200 *													28.0
30.0	56.9	76.8	12 400 *	60.9	78.3	13 700 *	63.2	78.9	14 400 *													30.0
32.0	54.1	75.4	11 700 *	58.2	77.1	12 900 *	60.5	77.8	13 600 *													32.0
34.0	51.1	73.9	10 900 *	55.4	75.8	12 100 *	57.8	76.6	12 800 *	61.7	77.6	13 800 *										34.0
36.0	48.0	72.2	10 300 *	52.5	74.3	11 400 *	55.0	75.3	12 100 *	59.0	76.5	13 000 *										36.0
38.0	44.8	70.3	9 600 *	49.4	72.7	10 700 *	52.1	73.8	11 300 *	56.2	75.2	12 300 *										38.0
40.0	41.3	68.1	9 100 *	46.3	70.9	10 000 *	49.0	72.2	10 700 *	53.3	73.8	11 600 *	57.3	74.8	12 400 *							40.0
42.0	37.6	65.7	8 500 *	42.9	68.9	9 400 *	45.8	70.3	10 000 *	50.3	72.2	10 900 *	54.4	73.4	11 800 *							42.0
44.0	33.6	62.9	8 000 *	39.4	66.6	8 900 *	42.5	68.3	9 400 *	47.2	70.4	10 300 *	51.5	71.9	11 100 *							44.0
46.0	29.1	59.6	7 500 *	35.5	64.0	8 300 *	38.9	66.0	8 800 *	43.9	68.5	9 700 *	48.4	70.2	10 500 *	52.5	71.2	11 200 *				46.0
48.0	23.8	55.6	7 100 *	31.2	60.9	7 800 *	34.9	63.3	8 300 *	40.4	66.3	9 100 *	45.2	68.3	9 900 *	49.5	69.6	10 600 *				48.0
50.0	17.1	50.3	6 700 *	26.3	57.3	7 400 *	30.6	60.2	7 800 *	36.6	63.8	8 600 *	41.8	66.2	9 300 *	46.3	67.8	10 000 *				50.0
52.0				20.4	52.7	6 900 *	25.6	56.4	7 400 *	32.5	60.9	8 000 *	38.1	63.8	8 800 *	43.0	65.8	9 500 *	47.2	67.0	10 000 *	52.0
54.0				12.0	45.8	6 600 *	19.5	51.6	6 900 *	27.8	57.4	7 600 *	34.1	61.1	8 300 *	39.4	63.5	8 900 *	43.9	65.0	9 500 *	54.0
56.0							10.3	44.1	6 600 *	22.3	53.1	7 200 *	29.7	57.9	7 700 *	35.5	60.9	8 400 *	40.4	62.8	9 000 *	56.0
58.0										14.9	47.2	6 800 *	24.5	54.0	7 300 *	31.3	57.9	7 900 *	36.7	60.3	8 500 *	58.0
60.0													18.1	48.9	6 900 *	26.4	54.2	7 500 *	32.5	57.4	8 000 *	60.0
62.0																20.5	49.6	7 100 *	27.9	53.9	7 600 *	62.0
64.0																12.1	42.8	6 800 *	22.3	49.7	7 200 *	64.0
66.0																			14.9	43.7	6 800 *	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

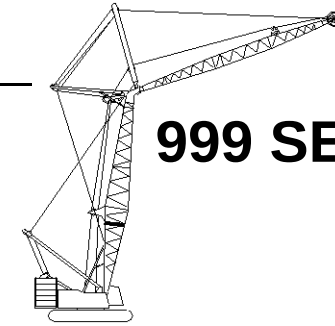
33.5m (110 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.0	86.0	17 000 *																			16.8
18.0	73.6	85.7	16 400 *																			18.0
20.0	71.3	85.0	15 500 *																			20.0
22.0	68.9	84.3	14 600 *																			22.0
24.0	66.5	83.5	13 700 *																			24.0
26.0	64.1	82.6	12 900 *	67.6	83.6	14 200 *																26.0
28.0	61.6	81.5	12 100 *	65.2	82.7	13 300 *	67.3	83.2	14 000 *													28.0
30.0	59.1	80.4	11 300 *	62.8	81.7	12 600 *	64.9	82.3	13 200 *													30.0
32.0	56.5	79.1	10 600 *	60.3	80.6	11 800 *	62.4	81.3	12 400 *													32.0
34.0	53.8	77.7	10 000 *	57.7	79.4	11 000 *	59.9	80.2	11 700 *													34.0
36.0	51.0	76.2	9 300 *	55.0	78.1	10 300 *	57.3	79.0	11 000 *	61.0	80.0	11 900 *										36.0
38.0	48.1	74.5	8 700 *	52.3	76.6	9 700 *	54.7	77.6	10 300 *	58.4	78.8	11 200 *										38.0
40.0	45.0	72.6	8 100 *	49.4	75.0	9 000 *	51.9	76.1	9 600 *	55.8	77.5	10 500 *										40.0
42.0	41.8	70.5	7 600 *	46.4	73.2	8 500 *	49.0	74.5	9 000 *	53.1	76.1	9 900 *	56.8	77.1	10 700 *							42.0
44.0	38.4	68.1	7 100 *	43.3	71.2	7 900 *	46.0	72.6	8 400 *	50.2	74.5	9 300 *	54.1	75.7	10 000 *							44.0
46.0	34.7	65.4	6 600 *	40.0	68.9	7 400 *	42.9	70.6	7 900 *	47.3	72.8	8 700 *	51.3	74.2	9 400 *							46.0
48.0	30.6	62.3	6 200 *	36.4	66.4	6 900 *	39.5	68.3	7 300 *	44.2	70.8	8 100 *	48.5	72.5	8 900 *							48.0
50.0	25.9	58.6	5 800 *	32.5	63.5	6 400 *	35.9	65.7	6 900 *	40.9	68.6	7 600 *	45.4	70.6	8 300 *	49.5	71.9	9 000 *				50.0
52.0	20.2	53.9	5 300 *	28.1	60.1	6 000 *	31.9	62.8	6 400 *	37.5	66.2	7 100 *	42.2	68.6	7 800 *	46.5	70.1	8 400 *				52.0
54.0	12.3	47.0	4 800 *	23.0	55.9	5 500 *	27.5	59.3	6 000 *	33.6	63.4	6 600 *	38.8	66.2	7 300 *	43.3	68.1	7 900 *				54.0
56.0				16.4	50.3	5 000 *	22.2	54.9	5 500 *	29.4	60.1	6 200 *	35.2	63.6	6 800 *	40.0	65.9	7 400 *	44.2	67.3	8 000 *	56.0
58.0							15.3	49.0	5 000 *	24.5	56.2	5 700 *	31.1	60.5	6 400 *	36.4	63.3	7 000 *	41.0	65.1	7 500 *	58.0
60.0										18.5	51.1	5 200 *	26.5	56.9	5 900 *	32.5	60.4	6 500 *	37.5	62.7	7 100 *	60.0
62.0										9.3	43.0	4 800 *	21.0	52.3	5 400 *	28.2	57.0	6 100 *	33.7	59.9	6 600 *	62.0
64.0													13.6	45.9	4 900 *	23.0	52.8	5 600 *	29.5	56.6	6 200 *	64.0
66.0																16.5	47.3	5 100 *	24.6	52.7	5 700 *	66.0
68.0																			18.6	47.7	5 200 *	68.0
70.0																			9.4	39.6	4 800 *	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

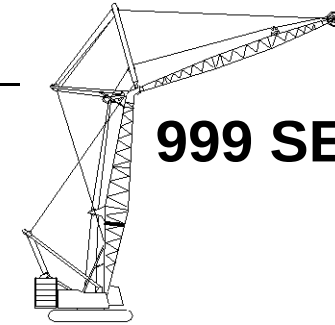
36.6m (120 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	61.3	57.7	44 300 *b																			13.7
14.0	60.5	57.6	44 000 *b																			14.0
16.0	54.1	56.3	41 800 *b																			16.0
18.0	47.1	54.6	39 700 *	57.9	56.8	43 900 *b																18.0
20.0	39.3	52.5	35 800 *	51.3	55.3	41 700 *b	57.5	56.4	44 100 b													20.0
22.0	29.8	49.6	31 600 *	44.0	53.5	39 000 *	50.9	54.9	41 000 b	61.0	56.3	38 900 b										22.0
24.0	16.0	44.9	25 400 *	35.6	51.1	34 100 *	43.6	53.1	36 700	54.6	55.0	34 900 b										24.0
26.0				25.0	47.7	30 100 *	35.1	50.6	33 200	47.7	53.4	31 700										26.0
28.0							24.3	47.1	30 000 *	40.0	51.3	28 900	51.4	53.3	27 500 b							28.0
30.0										30.7	48.5	26 600	44.1	51.4	25 300							30.0
32.0										17.5	44.0	24 500	35.7	49.1	23 400	47.6	51.1	22 200				32.0
34.0													25.1	45.6	21 700	39.8	49.0	20 600				34.0
36.0																30.4	46.1	19 200	43.0	48.4	18 200	36.0
38.0																17.1	41.6	17 900	34.5	45.9	17 000	38.0
40.0																			23.3	42.2	15 900	40.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

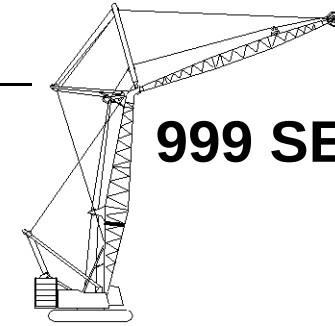
36.6m (120 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	65.2	61.1	40 000 *b																			13.7
14.0	64.5	61.0	39 600 *b																			14.0
16.0	59.1	59.9	37 300 *b																			16.0
18.0	53.5	58.6	35 200 *	62.3	60.3	39 200 *b																18.0
20.0	47.4	56.9	33 400 *	56.8	59.1	37 000 *b	62.0	59.9	39 200 *b													20.0
22.0	40.6	54.9	31 600 *	51.0	57.6	35 100 *	56.5	58.7	37 100 *b													22.0
24.0	32.7	52.2	28 500 *	44.7	55.8	33 300 *	50.7	57.2	35 200 *	59.6	58.6	34 800 b										24.0
26.0	22.6	48.4	25 400 *	37.5	53.5	30 400 *	44.3	55.4	33 200	54.0	57.3	31 500										26.0
28.0				28.9	50.5	27 100 *	37.1	53.1	30 100	47.9	55.7	28 800										28.0
30.0				16.8	45.7	23 600 *	28.4	50.0	27 000 *	41.2	53.7	26 400	51.1	55.6	25 100							30.0
32.0							15.9	45.0	24 400 *	33.4	51.0	24 400	44.7	53.8	23 200							32.0
34.0										23.6	47.4	22 700	37.6	51.5	21 500	47.7	53.4	20 400				34.0
36.0													29.0	48.4	20 000	41.0	51.3	19 000				36.0
38.0													17.0	43.7	18 700	33.2	48.7	17 700				38.0
40.0																23.3	45.0	16 600				40.0
42.0																			27.7	45.1	14 800	42.0
44.0																			14.6	39.9	13 900	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

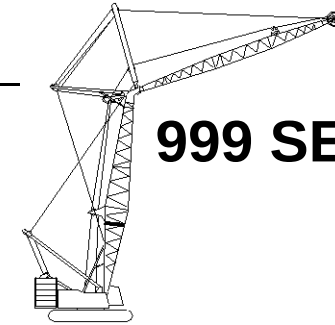
36.6m (120 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	68.1	64.4	36 200 *b																			13.7
14.0	67.5	64.3	35 900 *b																			14.0
16.0	62.9	63.4	34 000 *b																			16.0
18.0	58.1	62.3	32 100 *	65.6	63.7	35 700 *b																18.0
20.0	53.0	60.9	30 500 *	60.9	62.7	33 800 *	65.3	63.3	35 600 *b													20.0
22.0	47.6	59.2	29 000 *	56.0	61.4	32 100 *	60.6	62.3	33 900 *b													22.0
24.0	41.6	57.2	27 700 *	50.8	59.9	30 500 *	55.7	61.0	32 200 *													24.0
26.0	34.8	54.7	25 500 *	45.2	58.1	29 000 *	50.5	59.5	30 600 *	58.5	61.0	31 400										26.0
28.0	26.7	51.3	23 100 *	38.9	55.9	27 300 *	44.8	57.7	29 200 *	53.4	59.6	28 700										28.0
30.0	14.9	46.0	19 600 *	31.7	53.1	24 500 *	38.6	55.5	27 200 *	48.0	58.0	26 400										30.0
32.0				22.5	49.2	22 200 *	31.3	52.6	24 300 *	42.1	56.0	24 400	50.8	57.9	23 100							32.0
34.0							21.9	48.6	22 100 *	35.4	53.5	22 600	45.2	56.1	21 400							34.0
36.0										27.4	50.3	21 100	39.0	53.9	20 000	47.9	55.7	18 900				36.0
38.0										16.2	45.3	19 700	31.8	51.0	18 700	42.0	53.7	17 700				38.0
40.0													22.6	47.1	17 500	35.3	51.2	16 600	44.4	53.0	15 600	40.0
42.0																27.2	47.9	15 500	38.1	50.7	14 700	42.0
44.0																15.8	42.8	14 600	30.7	47.8	13 800	44.0
46.0																			21.1	43.7	13 000	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

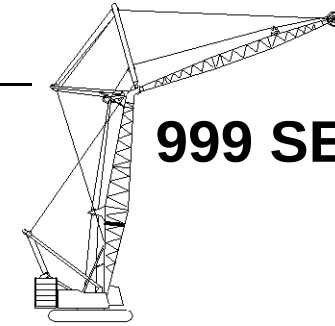
36.6m (120 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.4	67.7	33 900 *b																			13.7
14.0	69.8	67.6	33 600 *b																			14.0
16.0	65.8	66.8	31 600 *b																			16.0
18.0	61.6	65.8	29 900 *	68.2	67.0	33 200 *b																18.0
20.0	57.2	64.6	28 200 *	64.0	66.1	31 400 *																20.0
22.0	52.6	63.2	26 700 *	59.8	65.0	29 700 *	63.8	65.7	31 300 *													22.0
24.0	47.7	61.5	25 400 *	55.3	63.7	28 100 *	59.5	64.6	29 700 *													24.0
26.0	42.4	59.5	24 200 *	50.6	62.2	26 700 *	55.1	63.4	28 200 *	61.9	64.5	30 400										26.0
28.0	36.5	57.1	22 900 *	45.6	60.4	25 400 *	50.3	61.8	26 800 *	57.6	63.3	28 600										28.0
30.0	29.6	54.0	21 000 *	40.0	58.3	24 100 *	45.3	60.0	25 500 *	53.0	62.0	26 200										30.0
32.0	20.7	49.8	19 200 *	33.8	55.6	22 100 *	39.7	57.8	24 200 *	48.1	60.3	24 200	55.4	61.7	22 900							32.0
34.0				26.2	52.2	20 200 *	33.4	55.1	22 000 *	42.8	58.3	22 500	50.7	60.2	21 300							34.0
36.0				15.7	46.9	18 400 *	25.8	51.6	20 100 *	37.0	55.9	20 900	45.6	58.4	19 800							36.0
38.0							14.9	46.2	18 500 *	30.2	52.9	19 600	40.1	56.2	18 500	48.0	58.0	17 500				38.0
40.0										21.6	48.8	18 300	33.8	53.6	17 300	42.7	56.0	16 400				40.0
42.0													26.3	50.1	16 300	36.8	53.6	15 400	44.9	55.3	14 500	42.0
44.0													15.8	44.9	15 300	30.0	50.6	14 500	39.3	53.1	13 700	44.0
46.0																21.3	46.4	13 700	32.9	50.3	12 900	46.0
48.0																			25.1	46.7	12 200	48.0
50.0																			13.8	41.1	11 500	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

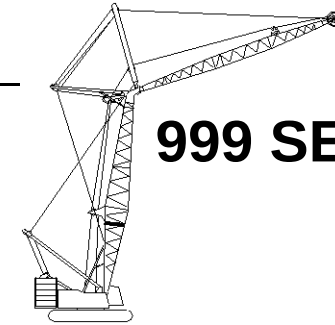
36.6m (120 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.2	70.9	31 800 *b																			13.7
14.0	71.7	70.8	31 600 *b																			14.0
16.0	68.1	70.1	30 000 *b																			16.0
18.0	64.3	69.2	28 600 *																			18.0
20.0	60.5	68.2	27 200 *	66.6	69.4	29 800 *																20.0
22.0	56.5	66.9	25 800 *	62.8	68.5	28 400 *	66.4	69.1	29 700 *													22.0
24.0	52.3	65.5	24 400 *	58.9	67.4	27 000 *	62.6	68.1	28 400 *													24.0
26.0	47.8	63.8	23 300 *	54.8	66.1	25 600 *	58.6	67.0	27 000 *													26.0
28.0	43.0	61.9	22 200 *	50.5	64.5	24 400 *	54.5	65.7	25 700 *	60.8	66.9	27 600 *										28.0
30.0	37.7	59.5	21 100 *	45.9	62.8	23 300 *	50.2	64.1	24 500 *	56.8	65.7	26 100										30.0
32.0	31.7	56.6	19 400 *	40.9	60.6	22 200 *	45.6	62.3	23 400 *	52.6	64.3	24 200										32.0
34.0	24.5	52.9	17 800 *	35.4	58.1	20 500 *	40.6	60.2	22 300 *	48.2	62.6	22 500	54.8	64.0	21 300							34.0
36.0	14.1	47.2	15 300 *	29.0	54.9	18 700 *	35.0	57.6	20 500 *	43.4	60.7	20 900	50.5	62.5	19 800							36.0
38.0				20.8	50.6	17 200 *	28.6	54.4	18 700 *	38.2	58.3	19 600	45.9	60.7	18 500							38.0
40.0							20.3	50.0	17 100 *	32.3	55.5	18 400	41.0	58.6	17 300	48.1	60.3	16 400				40.0
42.0										25.2	51.9	17 300	35.4	56.0	16 300	43.3	58.3	15 400				42.0
44.0										15.3	46.4	16 200	29.0	52.9	15 400	38.1	56.0	14 500				44.0
46.0													20.9	48.6	14 500	32.1	53.1	13 700	40.2	55.5	12 900	46.0
48.0																25.0	49.5	13 000	34.6	52.8	12 200	48.0
50.0																14.9	44.0	12 300	28.0	49.6	11 600	50.0
52.0																			19.6	45.0	10 900	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

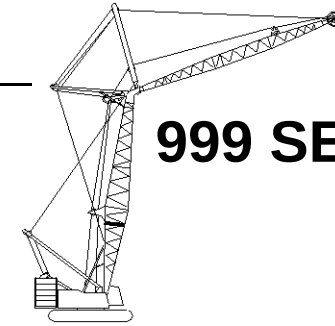
36.6m (120 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.8	74.1	26 200 *b																			13.7
14.0	73.3	74.0	26 100 *b																			14.0
16.0	70.0	73.4	25 400 *b																			16.0
18.0	66.6	72.6	24 400 *																			18.0
20.0	63.2	71.6	23 100 *	68.6	72.7	25 300 *																20.0
22.0	59.6	70.5	21 900 *	65.2	71.9	24 100 *																22.0
24.0	55.9	69.3	20 800 *	61.7	70.9	22 900 *	65.0	71.5	24 000 *													24.0
26.0	52.0	67.8	19 700 *	58.1	69.7	21 700 *	61.5	70.5	22 800 *													26.0
28.0	47.9	66.1	18 800 *	54.3	68.4	20 600 *	57.9	69.3	21 700 *													28.0
30.0	43.5	64.2	17 900 *	50.4	66.8	19 600 *	54.1	68.0	20 600 *	59.9	69.3	22 100 *										30.0
32.0	38.8	61.9	17 100 *	46.2	65.1	18 600 *	50.1	66.4	19 600 *	56.2	68.0	21 100 *										32.0
34.0	33.5	59.2	16 300 *	41.6	63.0	17 800 *	45.9	64.6	18 700 *	52.3	66.6	20 200 *										34.0
36.0	27.3	55.7	15 700 *	36.7	60.5	17 000 *	41.4	62.5	17 800 *	48.3	64.9	19 200 *	54.3	66.3	19 600							36.0
38.0	19.3	51.1	15 100 *	31.0	57.5	16 300 *	36.4	60.1	17 000 *	43.9	63.0	18 400 *	50.4	64.8	18 300							38.0
40.0				24.3	53.7	15 700 *	30.7	57.0	16 400 *	39.2	60.7	17 600 *	46.2	63.0	17 200	52.2	64.2	16 200				40.0
42.0				15.0	48.1	14 600 *	23.9	53.2	15 700 *	33.9	58.0	16 800 *	41.7	60.9	16 200	48.2	62.6	15 200				42.0
44.0							14.3	47.4	14 700 *	27.8	54.7	16 100	36.7	58.5	15 200	43.8	60.6	14 300				44.0
46.0										20.1	50.2	15 200	31.1	55.5	14 400	39.1	58.4	13 500	45.6	59.9	12 700	46.0
48.0													24.4	51.7	13 600	33.8	55.7	12 800	41.0	57.8	12 000	48.0
50.0													15.0	46.1	12 900	27.7	52.3	12 100	36.0	55.3	11 400	50.0
52.0																19.9	47.8	11 500	30.3	52.2	10 800	52.0
54.0																			23.3	48.3	10 300	54.0
56.0																			13.3	42.2	9 700	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

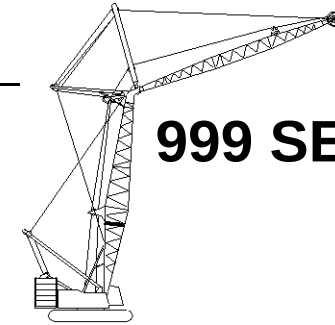
36.6m (120 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.0	77.3	24 500 *b																			13.7
14.0	74.6	77.2	24 400 *b																			14.0
16.0	71.6	76.6	23 700 *																			16.0
18.0	68.5	75.9	22 500 *																			18.0
20.0	65.4	75.0	21 400 *	70.3	76.0	23 300 *																20.0
22.0	62.1	74.0	20 300 *	67.2	75.2	22 300 *																22.0
24.0	58.8	72.9	19 300 *	64.1	74.3	21 200 *																24.0
26.0	55.4	71.6	18 300 *	60.8	73.3	20 100 *	63.9	73.9	21 100 *													26.0
28.0	51.8	70.1	17 400 *	57.4	72.1	19 100 *	60.6	72.9	20 100 *													28.0
30.0	48.0	68.4	16 600 *	53.9	70.7	18 200 *	57.2	71.7	19 100 *													30.0
32.0	44.0	66.5	15 800 *	50.2	69.1	17 300 *	53.7	70.3	18 200 *	59.1	71.6	19 500 *										32.0
34.0	39.6	64.3	15 000 *	46.4	67.4	16 500 *	50.0	68.7	17 300 *	55.7	70.3	18 700 *										34.0
36.0	34.9	61.6	14 400 *	42.2	65.3	15 700 *	46.2	66.9	16 500 *	52.1	68.9	17 800 *										36.0
38.0	29.4	58.5	13 800 *	37.7	62.9	15 000 *	42.0	64.9	15 700 *	48.3	67.2	17 000 *	53.9	68.6	18 000 *							38.0
40.0	22.9	54.4	13 200 *	32.7	60.1	14 300 *	37.5	62.5	15 000 *	44.3	65.3	16 200 *	50.3	67.1	17 100							40.0
42.0	13.6	48.3	12 100 *	26.9	56.6	13 700 *	32.4	59.6	14 300 *	40.0	63.1	15 500 *	46.4	65.3	16 000							42.0
44.0				19.6	51.9	13 200 *	26.5	56.1	13 800 *	35.3	60.5	14 800 *	42.3	63.2	15 100	48.2	64.9	14 200				44.0
46.0							19.1	51.3	13 300 *	29.9	57.4	14 200 *	37.8	60.9	14 300	44.2	63.0	13 400				46.0
48.0										23.5	53.4	13 600 *	32.8	58.0	13 500	39.9	60.7	12 700	45.9	62.2	11 900	48.0
50.0										14.6	47.6	13 100 *	26.9	54.6	12 800	35.2	58.1	12 000	41.7	60.1	11 200	50.0
52.0													19.6	49.9	12 100	29.8	55.0	11 400	37.1	57.7	10 700	52.0
54.0																23.3	51.0	10 800	32.0	54.8	10 100	54.0
56.0																14.3	45.1	10 300	26.1	51.2	9 600	56.0
58.0																			18.4	46.3	9 100	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

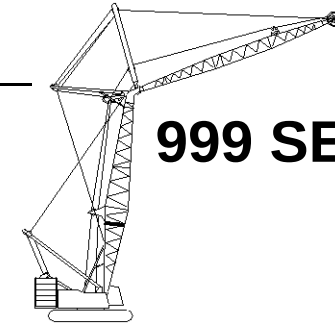
36.6m (120 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.0	80.0	22 300 *																			15.2
16.0	72.9	79.8	21 900 *																			16.0
18.0	70.1	79.1	20 800 *																			18.0
20.0	67.2	78.3	19 700 *																			20.0
22.0	64.3	77.4	18 700 *	68.9	78.5	20 500 *																22.0
24.0	61.3	76.4	17 700 *	66.0	77.7	19 400 *																24.0
26.0	58.2	75.2	16 800 *	63.1	76.7	18 500 *	65.9	77.3	19 300 *													26.0
28.0	54.9	73.9	15 900 *	60.0	75.6	17 500 *	62.9	76.3	18 400 *													28.0
30.0	51.6	72.4	15 100 *	56.8	74.4	16 600 *	59.8	75.3	17 500 *													30.0
32.0	48.1	70.7	14 300 *	53.6	73.0	15 700 *	56.7	74.0	16 600 *	61.5	75.1	17 800 *										32.0
34.0	44.3	68.8	13 500 *	50.2	71.4	14 900 *	53.4	72.6	15 800 *	58.4	74.0	17 000 *										34.0
36.0	40.4	66.6	12 800 *	46.6	69.7	14 100 *	50.0	71.0	14 900 *	55.2	72.7	16 200 *										36.0
38.0	36.0	64.1	12 200 *	42.7	67.6	13 400 *	46.4	69.2	14 200 *	51.9	71.2	15 400 *										38.0
40.0	31.2	61.1	11 600 *	38.6	65.3	12 800 *	42.5	67.2	13 400 *	48.4	69.5	14 600 *	53.6	70.9	15 700 *							40.0
42.0	25.5	57.4	11 100 *	34.1	62.6	12 100 *	38.4	64.9	12 800 *	44.7	67.6	13 900 *	50.2	69.4	14 900 *							42.0
44.0	18.3	52.4	10 600 *	29.0	59.3	11 500 *	33.8	62.1	12 100 *	40.7	65.4	13 200 *	46.6	67.6	14 200 *							44.0
46.0				22.8	55.2	11 000 *	28.6	58.8	11 600 *	36.4	62.9	12 600 *	42.8	65.6	13 600 *	48.3	67.2	13 200				46.0
48.0				14.4	49.3	10 600 *	22.4	54.6	11 100 *	31.6	60.0	11 900 *	38.7	63.3	12 900 *	44.6	65.3	12 500				48.0
50.0							13.7	48.5	10 700 *	26.0	56.3	11 400 *	34.1	60.5	12 300 *	40.6	63.1	11 800				50.0
52.0										19.0	51.5	10 900 *	29.0	57.3	11 700 *	36.3	60.6	11 200	42.2	62.5	10 500	52.0
54.0													22.9	53.2	11 200 *	31.5	57.6	10 700	38.1	60.1	10 000	54.0
56.0													14.5	47.2	10 800	25.9	53.9	10 200	33.5	57.3	9 500	56.0
58.0																18.8	49.1	9 600	28.2	54.0	9 000	58.0
60.0																			21.9	49.7	8 600	60.0
62.0																			12.9	43.3	8 100	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.1	83.2	20 700 *																			15.2
16.0	74.1	83.0	20 300 *																			16.0
18.0	71.5	82.3	19 200 *																			18.0
20.0	68.8	81.6	18 300 *																			20.0
22.0	66.1	80.8	17 300 *																			22.0
24.0	63.3	79.8	16 400 *	67.7	81.0	18 000 *																24.0
26.0	60.5	78.8	15 500 *	65.0	80.1	17 000 *	67.6	80.6	17 800 *													26.0
28.0	57.6	77.6	14 600 *	62.2	79.1	16 100 *	64.8	79.7	16 900 *													28.0
30.0	54.6	76.2	13 800 *	59.3	78.0	15 200 *	62.0	78.7	16 100 *													30.0
32.0	51.4	74.7	13 000 *	56.3	76.7	14 400 *	59.1	77.6	15 200 *													32.0
34.0	48.1	73.0	12 300 *	53.3	75.3	13 600 *	56.2	76.3	14 400 *	60.7	77.5	15 600 *										34.0
36.0	44.7	71.1	11 600 *	50.1	73.7	12 900 *	53.1	74.9	13 600 *	57.8	76.3	14 800 *										36.0
38.0	41.0	69.0	11 000 *	46.7	72.0	12 200 *	49.9	73.3	12 900 *	54.8	75.0	14 000 *										38.0
40.0	37.0	66.5	10 400 *	43.2	70.0	11 500 *	46.5	71.5	12 200 *	51.7	73.5	13 300 *	56.4	74.7	14 200 *							40.0
42.0	32.6	63.6	9 800 *	39.4	67.7	10 900 *	43.0	69.5	11 500 *	48.4	71.8	12 600 *	53.3	73.3	13 600 *							42.0
44.0	27.6	60.2	9 300 *	35.2	65.1	10 300 *	39.2	67.2	10 900 *	45.0	69.9	11 900 *	50.1	71.7	12 900 *							44.0
46.0	21.6	55.8	8 900 *	30.6	62.0	9 800 *	35.0	64.6	10 300 *	41.3	67.8	11 300 *	46.8	69.9	12 200 *	51.6	71.2	13 000 *				46.0
48.0	13.2	49.4	8 500 *	25.3	58.2	9 200 *	30.4	61.5	9 800 *	37.3	65.3	10 700 *	43.2	67.9	11 600 *	48.3	69.5	12 400 *				48.0
50.0				18.6	53.2	8 800 *	25.0	57.7	9 300 *	33.0	62.5	10 100 *	39.4	65.6	11 000 *	44.9	67.6	11 800 *				50.0
52.0							18.1	52.6	8 900 *	28.1	59.1	9 600 *	35.3	63.0	10 400 *	41.2	65.4	11 200 *	46.3	66.8	10 500 *	52.0
54.0										22.1	54.8	9 100 *	30.7	59.9	9 900 *	37.2	63.0	10 700 *	42.7	64.8	9 900 *	54.0
56.0										14.1	48.7	8 700 *	25.3	56.2	9 400 *	32.9	60.1	10 100 *	38.9	62.5	9 400 *	56.0
58.0													18.6	51.2	9 000 *	27.9	56.7	9 600 *	34.7	59.8	9 000 *	58.0
60.0																22.0	52.4	9 200 *	30.0	56.7	8 500 *	60.0
62.0																13.8	46.2	8 700 *	24.5	52.8	8 100 *	62.0
64.0																			17.5	47.6	7 800 *	64.0

Liftcrane Luffing Jib Capacities

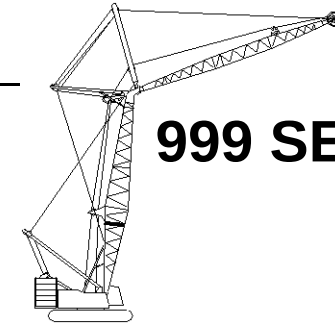
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

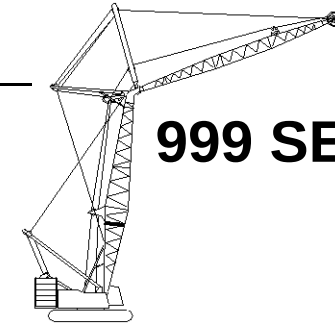
36.6m (120 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.2	85.9	18 300 *																			16.8
18.0	72.7	85.5	17 700 *																			18.0
20.0	70.2	84.9	16 700 *																			20.0
22.0	67.7	84.1	15 800 *																			22.0
24.0	65.1	83.2	14 900 *	69.2	84.3	16 400 *																24.0
26.0	62.5	82.2	14 100 *	66.6	83.4	15 500 *																26.0
28.0	59.8	81.1	13 200 *	64.1	82.5	14 700 *	66.5	83.1	15 400 *													28.0
30.0	57.1	79.9	12 400 *	61.4	81.5	13 800 *	63.9	82.2	14 600 *													30.0
32.0	54.2	78.6	11 700 *	58.7	80.3	13 000 *	61.3	81.1	13 800 *													32.0
34.0	51.3	77.0	11 000 *	55.9	79.1	12 300 *	58.5	80.0	13 000 *													34.0
36.0	48.2	75.3	10 300 *	53.0	77.6	11 500 *	55.7	78.7	12 300 *	60.1	79.9	13 300 *										36.0
38.0	45.0	73.4	9 700 *	50.0	76.0	10 800 *	52.9	77.2	11 500 *	57.3	78.7	12 600 *										38.0
40.0	41.5	71.3	9 100 *	46.9	74.3	10 200 *	49.8	75.6	10 800 *	54.5	77.3	11 900 *										40.0
42.0	37.8	68.9	8 600 *	43.6	72.3	9 600 *	46.7	73.8	10 200 *	51.5	75.8	11 200 *	55.9	77.0	12 100 *							42.0
44.0	33.8	66.1	8 000 *	40.0	70.1	9 000 *	43.4	71.9	9 600 *	48.4	74.1	10 600 *	53.0	75.6	11 500 *							44.0
46.0	29.3	62.9	7 600 *	36.2	67.5	8 400 *	39.8	69.6	9 000 *	45.2	72.2	9 900 *	50.0	74.0	10 800 *							46.0
48.0	24.1	58.9	7 100 *	32.0	64.6	7 900 *	36.0	67.0	8 500 *	41.8	70.1	9 300 *	46.9	72.2	10 200 *	51.4	73.5	11 000 *				48.0
50.0	17.5	53.6	6 800 *	27.3	61.0	7 500 *	31.8	64.1	8 000 *	38.2	67.7	8 800 *	43.6	70.2	9 700 *	48.4	71.8	10 400 *				50.0
52.0				21.6	56.6	7 000 *	27.0	60.5	7 500 *	34.2	65.0	8 200 *	40.1	68.0	9 100 *	45.1	69.9	9 800 *				52.0
54.0				13.9	50.4	6 700 *	21.3	56.0	7 100 *	29.7	61.8	7 800 *	36.3	65.4	8 500 *	41.7	67.8	9 300 *	46.5	69.1	9 800	54.0
56.0							13.4	49.6	6 700 *	24.6	57.9	7 300 *	32.1	62.5	8 000 *	38.1	65.4	8 800 *	43.1	67.1	9 200	56.0
58.0										18.1	52.8	6 900 *	27.3	59.0	7 600 *	34.1	62.6	8 300 *	39.6	64.9	8 800	58.0
60.0													21.7	54.6	7 100 *	29.6	59.4	7 800 *	35.7	62.3	8 400	60.0
62.0													14.0	48.4	6 800 *	24.4	55.5	7 300 *	31.5	59.3	7 900	62.0
64.0																17.9	50.3	7 000 *	26.6	55.7	7 500 *	64.0
66.0																			20.8	51.1	7 100 *	66.0
68.0																			12.6	44.4	6 800 *	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

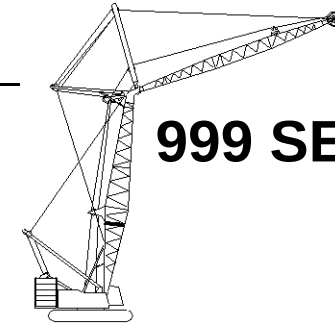
36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.2	89.1	16 900 *																			16.8
18.0	73.7	88.7	16 300 *																			18.0
20.0	71.4	88.1	15 500 *																			20.0
22.0	69.1	87.4	14 600 *																			22.0
24.0	66.7	86.6	13 700 *																			24.0
26.0	64.2	85.7	12 900 *	68.1	86.8	14 300 *																26.0
28.0	61.8	84.6	12 100 *	65.7	85.9	13 500 *																28.0
30.0	59.2	83.5	11 400 *	63.2	84.9	12 700 *	65.5	85.5	13 400 *													30.0
32.0	56.6	82.3	10 700 *	60.7	83.9	11 900 *	63.1	84.6	12 600 *													32.0
34.0	53.9	80.9	10 000 *	58.2	82.7	11 200 *	60.6	83.5	11 900 *													34.0
36.0	51.1	79.3	9 300 *	55.5	81.4	10 500 *	58.0	82.3	11 200 *													36.0
38.0	48.2	77.6	8 700 *	52.8	79.9	9 800 *	55.4	81.0	10 500 *	59.4	82.2	11 500 *										38.0
40.0	45.2	75.8	8 100 *	50.0	78.3	9 200 *	52.6	79.5	9 800 *	56.8	81.0	10 800 *										40.0
42.0	42.0	73.7	7 600 *	47.0	76.6	8 600 *	49.8	77.9	9 200 *	54.1	79.6	10 100 *										42.0
44.0	38.6	71.3	7 100 *	43.9	74.6	8 000 *	46.8	76.2	8 600 *	51.4	78.1	9 500 *	55.5	79.3	10 400 *							44.0
46.0	34.9	68.6	6 600 *	40.6	72.4	7 500 *	43.7	74.2	8 000 *	48.5	76.4	8 900 *	52.8	77.9	9 800 *							46.0
48.0	30.8	65.5	6 200 *	37.1	69.9	7 000 *	40.4	72.0	7 500 *	45.5	74.5	8 400 *	50.0	76.3	9 200 *							48.0
50.0	26.1	61.8	5 800 *	33.2	67.1	6 500 *	36.9	69.5	7 000 *	42.3	72.5	7 800 *	47.0	74.5	8 600 *	51.3	75.8	9 300 *				50.0
52.0	20.6	57.2	5 300 *	29.0	63.8	6 100 *	33.0	66.6	6 500 *	38.9	70.1	7 300 *	43.9	72.5	8 100 *	48.4	74.1	8 800 *				52.0
54.0	12.9	50.5	4 800 *	24.0	59.8	5 600 *	28.7	63.2	6 100 *	35.2	67.5	6 800 *	40.6	70.3	7 600 *	45.4	72.2	8 300 *				54.0
56.0				17.8	54.5	5 100 *	23.7	59.2	5 600 *	31.1	64.4	6 400 *	37.1	67.9	7 100 *	42.2	70.1	7 800 *				56.0
58.0							17.4	53.8	5 100 *	26.6	60.8	5 900 *	33.3	65.0	6 600 *	38.8	67.8	7 300 *	43.5	69.5	7 900 *	58.0
60.0										21.1	56.3	5 400 *	29.0	61.7	6 200 *	35.1	65.1	6 800 *	40.2	67.2	7 400 *	60.0
62.0										13.7	49.9	4 900 *	24.0	57.7	5 700 *	31.0	62.0	6 400 *	36.6	64.7	7 000 *	62.0
64.0													17.8	52.5	5 200 *	26.4	58.4	5 900 *	32.7	61.8	6 500 *	64.0
66.0																20.9	53.8	5 400 *	28.4	58.4	6 100 *	66.0
68.0																13.4	47.4	5 000 *	23.3	54.3	5 600 *	68.0
70.0																			16.8	48.8	5 100 *	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

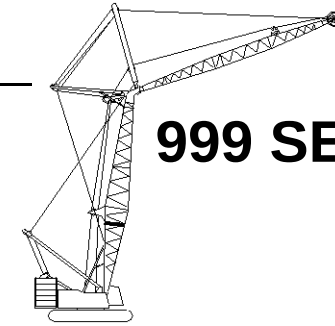
39.6m (130 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	61.7	60.8	44 500 *b																			13.7
14.0	60.8	60.7	44 100 *b																			14.0
16.0	54.4	59.4	41 700 *b																			16.0
18.0	47.5	57.8	39 700 *	59.1	60.0	44 300 *b																18.0
20.0	39.7	55.7	36 000 *	52.6	58.6	42 000 *b	59.2	59.7	44 500 b													20.0
22.0	30.4	52.8	31 800 *	45.5	56.9	39 500 *	52.7	58.3	40 600 b													22.0
24.0	17.0	48.3	25 900 *	37.3	54.6	34 900 *	45.6	56.6	36 400	57.2	58.5	34 500 b										24.0
26.0				27.3	51.5	30 700 *	37.5	54.4	33 000	50.5	57.0	31 200 b										26.0
28.0							27.5	51.2	30 100	43.2	55.2	28 500	54.9	56.9	27 000 b							28.0
30.0										34.6	52.7	26 200	48.0	55.3	24 800							30.0
32.0										23.6	49.1	24 200	40.3	53.3	22 900	52.1	54.9	21 600 b				32.0
34.0													31.0	50.5	21 300	44.9	53.1	20 100				34.0
36.0													18.1	46.1	19 800	36.7	50.8	18 700				36.0
38.0																26.4	47.6	17 400	41.1	50.5	16 400	38.0
40.0																			32.1	47.8	15 400	40.0
42.0																			19.8	43.7	14 400	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

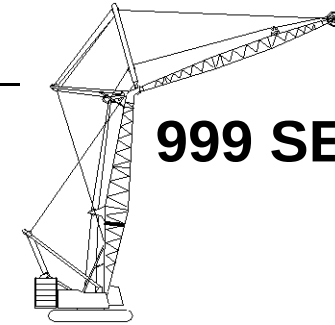
39.6m (130 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	65.5	64.2	39 900 *b																			13.7
14.0	64.7	64.1	39 500 *b																			14.0
16.0	59.4	63.0	37 300 *b																			16.0
18.0	53.8	61.7	35 300 *	63.3	63.5	39 600 *b																18.0
20.0	47.7	60.1	33 500 *	57.9	62.4	37 400 *b	63.4	63.2	39 700 *b													20.0
22.0	41.0	58.0	31 700 *	52.1	61.0	35 400 *	58.0	62.0	37 600 *b													22.0
24.0	33.2	55.4	28 600 *	45.9	59.2	33 600 *	52.3	60.6	35 700 *													24.0
26.0	23.2	51.7	25 500 *	38.9	57.0	31 100 *	46.1	58.9	32 900	56.2	60.8	31 100										26.0
28.0				30.7	54.2	27 700 *	39.1	56.7	30 000	50.4	59.3	28 400										28.0
30.0				19.6	49.9	24 800 *	30.9	53.9	27 600	43.9	57.5	26 100	54.2	59.2	24 600							30.0
32.0							20.0	49.7	25 000 *	36.7	55.1	24 100	48.1	57.6	22 700							32.0
34.0										27.9	51.9	22 400	41.4	55.6	21 100							34.0
36.0										15.0	46.8	20 800	33.7	53.0	19 700	45.4	55.5	18 500				36.0
38.0													24.0	49.4	18 300	38.4	53.2	17 300				38.0
40.0																30.0	50.3	16 200	42.2	52.8	15 200	40.0
42.0																18.6	45.9	15 200	34.6	50.3	14 300	42.0
44.0																			25.2	46.8	13 400	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

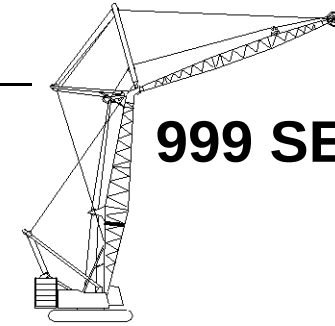
39.6m (130 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	68.3	67.5	36 100 *b																			13.7
14.0	67.7	67.4	35 900 *b																			14.0
16.0	63.1	66.5	33 900 *b																			16.0
18.0	58.3	65.4	32 100 *	66.4	66.8	35 800 *b																18.0
20.0	53.3	64.0	30 500 *	61.8	65.9	34 000 *b	66.5	66.5	35 900 *b													20.0
22.0	47.9	62.4	29 100 *	56.9	64.7	32 300 *	61.9	65.6	34 200 *b													22.0
24.0	41.9	60.4	27 800 *	51.8	63.3	30 700 *	57.1	64.4	32 600 *													24.0
26.0	35.2	57.9	25 600 *	46.3	61.5	29 300 *	51.9	63.0	31 000 *	60.4	64.4	31 000										26.0
28.0	27.2	54.6	23 200 *	40.2	59.4	27 700 *	46.4	61.2	29 600	55.4	63.1	28 300										28.0
30.0	15.7	49.5	20 000 *	33.2	56.7	25 000 *	40.3	59.1	27 600	50.2	61.6	26 000										30.0
32.0				24.5	53.1	22 600 *	33.3	56.4	25 000	44.5	59.8	24 000	53.6	61.5	22 600							32.0
34.0							24.7	52.8	22 700 *	38.2	57.5	22 300	48.2	59.9	21 000							34.0
36.0										30.8	54.6	20 800	42.3	57.9	19 600							36.0
38.0										21.3	50.5	19 400	35.7	55.5	18 300	45.8	57.8	17 200				38.0
40.0													27.7	52.2	17 200	39.7	55.6	16 100				40.0
42.0													16.7	47.3	16 100	32.6	52.9	15 100	43.0	55.1	14 200	42.0
44.0																23.8	49.1	14 200	36.4	52.7	13 400	44.0
46.0																			28.7	49.6	12 600	46.0
48.0																			18.1	45.0	11 900	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

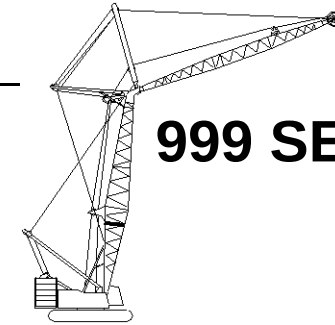
39.6m (130 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.6	70.8	33 700 *b																			13.7
14.0	70.0	70.7	33 500 *b																			14.0
16.0	66.0	69.9	31 600 *b																			16.0
18.0	61.8	68.9	29 800 *																			18.0
20.0	57.4	67.7	28 200 *	64.8	69.3	31 500 *																20.0
22.0	52.8	66.3	26 700 *	60.6	68.3	29 900 *	64.9	69.0	31 600 *b													22.0
24.0	48.0	64.7	25 400 *	56.2	67.0	28 400 *	60.7	67.9	30 100 *													24.0
26.0	42.7	62.7	24 200 *	51.5	65.6	26 900 *	56.3	66.7	28 600 *													26.0
28.0	36.8	60.3	23 000 *	46.5	63.8	25 600 *	51.6	65.3	27 200 *	59.3	66.8	28 200										28.0
30.0	30.0	57.3	21 100 *	41.1	61.7	24 400 *	46.7	63.5	25 900 *	54.8	65.5	25 800										30.0
32.0	21.2	53.1	19 300 *	35.0	59.2	22 500 *	41.2	61.5	24 700 *	50.1	63.9	23 900	57.7	65.2	22 400							32.0
34.0				27.8	55.9	20 500 *	35.2	58.9	22 600 *	45.0	62.1	22 100	53.2	63.8	20 800							34.0
36.0				18.1	51.2	18 900 *	28.0	55.7	20 600 *	39.4	59.9	20 600	48.3	62.2	19 400							36.0
38.0							18.4	51.0	18 900 *	33.0	57.2	19 300	43.0	60.3	18 100							38.0
40.0										25.3	53.6	18 100	37.2	57.9	17 000	46.2	60.1	15 900				40.0
42.0										14.1	48.0	17 000	30.4	54.9	16 000	40.7	58.0	15 000				42.0
44.0													21.9	50.8	15 000	34.5	55.4	14 100	43.6	57.5	13 200	44.0
46.0																27.2	52.0	13 300	37.8	55.1	12 400	46.0
48.0																17.3	47.1	12 600	31.2	52.2	11 700	48.0
50.0																			22.9	48.3	11 100	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

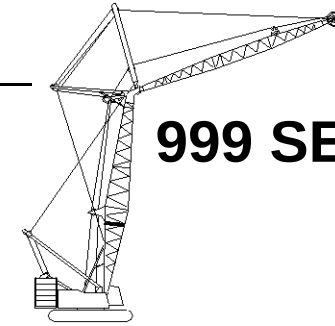
39.6m (130 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.4	74.0	31 600 *b																			13.7
14.0	71.9	73.9	31 400 *b																			14.0
16.0	68.3	73.2	29 900 *b																			16.0
18.0	64.6	72.3	28 500 *																			18.0
20.0	60.7	71.3	27 100 *	67.2	72.6	29 900 *																20.0
22.0	56.7	70.1	25 800 *	63.5	71.7	28 500 *																22.0
24.0	52.5	68.6	24 500 *	59.6	70.6	27 200 *	63.6	71.4	28 600 *													24.0
26.0	48.1	67.0	23 400 *	55.5	69.4	25 800 *	59.7	70.3	27 300 *													26.0
28.0	43.3	65.0	22 300 *	51.3	67.9	24 600 *	55.6	69.0	26 000 *													28.0
30.0	38.0	62.7	21 200 *	46.8	66.1	23 500 *	51.4	67.6	24 800 *	58.4	69.1	25 800										30.0
32.0	32.1	59.8	19 500 *	41.9	64.1	22 500 *	46.9	65.8	23 700 *	54.3	67.8	23 900										32.0
34.0	24.9	56.2	17 900 *	36.5	61.6	20 900 *	42.0	63.8	22 600 *	50.0	66.2	22 100	57.0	67.6	20 800							34.0
36.0	14.9	50.6	15 700 *	30.2	58.6	19 100 *	36.6	61.3	21 100 *	45.4	64.4	20 600	52.8	66.2	19 400							36.0
38.0				22.5	54.6	17 500 *	30.4	58.3	19 200 *	40.3	62.3	19 300	48.4	64.5	18 100							38.0
40.0							22.7	54.3	17 500 *	34.7	59.7	18 100	43.6	62.6	17 000	51.0	64.1	15 900				40.0
42.0										28.2	56.4	17 000	38.4	60.3	16 000	46.4	62.4	14 900				42.0
44.0										19.7	51.9	16 000	32.5	57.5	15 000	41.5	60.3	14 100				44.0
46.0													25.4	53.9	14 200	36.0	57.8	13 300	44.1	59.8	12 400	46.0
48.0													15.7	48.5	13 400	29.8	54.7	12 600	39.0	57.5	11 700	48.0
50.0																21.9	50.6	11 900	33.2	54.8	11 100	50.0
52.0																			26.3	51.3	10 500	52.0
54.0																			17.0	46.2	10 000	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.9	77.2	25 900 *b																			13.7
14.0	73.5	77.1	25 800 *b																			14.0
16.0	70.2	76.4	25 100 *b																			16.0
18.0	66.8	75.7	24 300 *																			18.0
20.0	63.3	74.7	23 100 *	69.2	75.9	25 300 *																20.0
22.0	59.8	73.6	21 900 *	65.8	75.1	24 200 *																22.0
24.0	56.1	72.4	20 800 *	62.4	74.1	23 000 *	65.9	74.8	24 200 *													24.0
26.0	52.2	70.9	19 800 *	58.8	73.0	21 900 *	62.4	73.8	23 100 *													26.0
28.0	48.1	69.3	18 800 *	55.0	71.7	20 800 *	58.9	72.7	22 000 *													28.0
30.0	43.8	67.3	17 900 *	51.1	70.2	19 800 *	55.1	71.4	20 900 *													30.0
32.0	39.0	65.1	17 100 *	47.0	68.4	18 800 *	51.2	69.9	19 900 *	57.7	71.5	21 500 *										32.0
34.0	33.8	62.4	16 400 *	42.5	66.4	17 900 *	47.1	68.1	19 000 *	53.9	70.1	20 500 *										34.0
36.0	27.6	59.0	15 800 *	37.6	64.0	17 200 *	42.6	66.1	18 100 *	49.9	68.5	19 600 *										36.0
38.0	19.8	54.4	15 100 *	32.2	61.2	16 400 *	37.8	63.8	17 300 *	45.7	66.7	18 700 *	52.5	68.5	17 900							38.0
40.0				25.7	57.5	15 800 *	32.3	60.9	16 600 *	41.1	64.6	17 900	48.4	66.8	16 800							40.0
42.0				17.1	52.4	15 000 *	25.8	57.3	15 900 *	36.1	62.1	16 900	44.1	64.9	15 800	50.8	66.4	14 800				42.0
44.0							17.3	52.2	15 000 *	30.4	59.0	15 900	39.4	62.7	14 900	46.6	64.7	13 900				44.0
46.0										23.4	55.1	15 000	34.1	60.0	14 100	42.2	62.6	13 100				46.0
48.0										13.5	49.1	14 200	28.1	56.7	13 300	37.3	60.2	12 400	44.5	62.1	11 500	48.0
50.0													20.4	52.2	12 600	31.7	57.3	11 700	39.9	59.9	10 900	50.0
52.0																25.1	53.6	11 100	34.7	57.3	10 400	52.0
54.0																16.3	48.3	10 600	28.7	54.0	9 800	54.0
56.0																			21.3	49.7	9 300	56.0

Liftcrane Luffing Jib Capacities

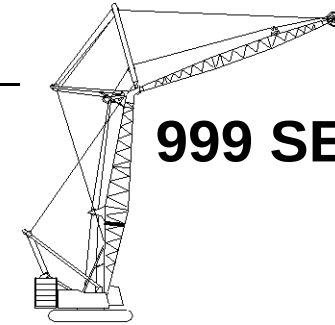
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

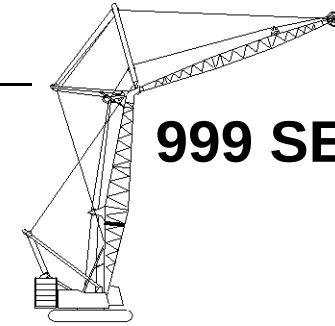
39.6m (130 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.2	80.3	24 200 *b																			13.7
14.0	74.8	80.3	24 100 *b																			14.0
16.0	71.8	79.7	23 500 *																			16.0
18.0	68.7	78.9	22 500 *																			18.0
20.0	65.5	78.1	21 400 *																			20.0
22.0	62.3	77.1	20 300 *	67.8	78.4	22 400 *																22.0
24.0	59.0	76.0	19 300 *	64.6	77.5	21 300 *																24.0
26.0	55.6	74.7	18 400 *	61.4	76.5	20 300 *	64.7	77.2	21 300 *													26.0
28.0	52.0	73.2	17 400 *	58.1	75.3	19 300 *	61.5	76.2	20 300 *													28.0
30.0	48.2	71.6	16 600 *	54.6	74.0	18 300 *	58.1	75.0	19 400 *													30.0
32.0	44.2	69.7	15 800 *	50.9	72.5	17 500 *	54.7	73.7	18 500 *	60.4	75.0	19 800 *										32.0
34.0	39.9	67.4	15 100 *	47.1	70.7	16 600 *	51.0	72.2	17 600 *	57.0	73.8	19 000 *										34.0
36.0	35.1	64.8	14 400 *	43.0	68.7	15 800 *	47.2	70.4	16 700 *	53.5	72.4	18 200 *										36.0
38.0	29.7	61.7	13 800 *	38.6	66.4	15 100 *	43.1	68.4	16 000 *	49.8	70.8	17 300 *										38.0
40.0	23.2	57.7	13 300 *	33.7	63.7	14 400 *	38.7	66.1	15 200 *	45.9	69.0	16 500 *	52.2	70.8	16 700							40.0
42.0	14.2	51.8	12 400 *	28.1	60.3	13 800 *	33.8	63.4	14 500 *	41.8	66.9	15 800 *	48.5	69.1	15 700							42.0
44.0				21.1	56.0	13 300 *	28.2	60.1	13 900 *	37.2	64.5	15 100 *	44.5	67.2	14 800							44.0
46.0							21.3	55.7	13 400 *	32.1	61.6	14 400 *	40.2	65.0	13 900	46.8	67.0	13 000				46.0
48.0										26.2	58.0	13 800 *	35.4	62.4	13 200	42.7	65.0	12 300				48.0
50.0										18.6	53.2	13 400 *	30.1	59.3	12 500	38.3	62.6	11 600	44.9	64.4	10 800	50.0
52.0													23.7	55.4	11 900	33.3	59.8	11 100	40.6	62.2	10 200	52.0
54.0													15.0	49.7	11 200	27.6	56.5	10 500	36.0	59.7	9 700	54.0
56.0																20.5	52.0	9 900	30.7	56.7	9 300	56.0
58.0																			24.5	52.8	8 800	58.0
60.0																			16.1	47.4	8 300	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

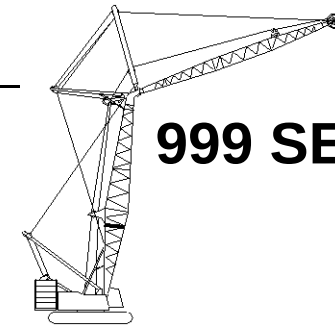
39.6m (130 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.2	83.1	22 100 *																			15.2
16.0	73.1	82.9	21 800 *																			16.0
18.0	70.3	82.2	20 700 *																			18.0
20.0	67.4	81.4	19 700 *																			20.0
22.0	64.4	80.5	18 700 *	69.5	81.7	20 500 *																22.0
24.0	61.4	79.5	17 700 *	66.6	80.9	19 600 *																24.0
26.0	58.3	78.4	16 800 *	63.6	79.9	18 600 *	66.6	80.5	19 500 *													26.0
28.0	55.1	77.0	15 900 *	60.6	78.9	17 700 *	63.7	79.6	18 600 *													28.0
30.0	51.8	75.6	15 100 *	57.4	77.7	16 800 *	60.6	78.6	17 700 *													30.0
32.0	48.3	73.9	14 300 *	54.2	76.3	15 900 *	57.5	77.4	16 800 *	62.7	78.5	18 000 *										32.0
34.0	44.6	72.0	13 600 *	50.8	74.8	15 100 *	54.3	76.0	16 000 *	59.7	77.4	17 300 *										34.0
36.0	40.6	69.8	12 900 *	47.2	73.0	14 300 *	50.9	74.5	15 200 *	56.5	76.1	16 500 *										36.0
38.0	36.3	67.3	12 300 *	43.5	71.1	13 600 *	47.3	72.7	14 400 *	53.2	74.7	15 700 *										38.0
40.0	31.4	64.3	11 600 *	39.4	68.8	12 900 *	43.6	70.8	13 700 *	49.8	73.1	14 900 *	55.3	74.6	16 000 *							40.0
42.0	25.8	60.6	11 100 *	35.0	66.2	12 300 *	39.5	68.5	13 000 *	46.2	71.3	14 200 *	52.0	73.1	15 300 *							42.0
44.0	18.7	55.8	10 700 *	30.0	63.0	11 700 *	35.1	65.9	12 300 *	42.3	69.3	13 500 *	48.5	71.4	14 600 *							44.0
46.0				24.1	59.1	11 100 *	30.1	62.8	11 800 *	38.1	66.9	12 800 *	44.8	69.5	13 800 *	50.6	71.0	12 800				46.0
48.0				16.3	53.6	10 700 *	24.2	58.9	11 200 *	33.6	64.1	12 200 *	40.8	67.4	13 100 *	47.0	69.3	12 100				48.0
50.0							16.5	53.5	10 800 *	28.3	60.8	11 600 *	36.6	64.9	12 300 *	43.2	67.3	11 500				50.0
52.0										22.0	56.6	11 200 *	31.8	61.9	11 700 *	39.1	65.0	10 900	45.2	66.7	10 100	52.0
54.0										13.1	50.2	10 800 *	26.2	58.3	11 100	34.6	62.3	10 300	41.3	64.6	9 500	54.0
56.0													19.3	53.5	10 600	29.6	59.1	9 800	37.0	62.1	9 100	56.0
58.0																23.6	55.2	9 300	32.3	59.2	8 600	58.0
60.0																15.6	49.5	8 900	26.9	55.7	8 200	60.0
62.0																			20.1	51.1	7 800	62.0
64.0																			9.6	43.6	7 400	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

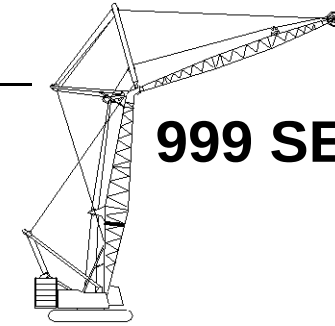
39.6m (130 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.2	86.2	20 600 *																			15.2
16.0	74.3	86.0	20 200 *																			16.0
18.0	71.6	85.4	19 200 *																			18.0
20.0	69.0	84.7	18 200 *																			20.0
22.0	66.3	83.9	17 300 *																			22.0
24.0	63.5	82.9	16 400 *	68.2	84.2	18 000 *																24.0
26.0	60.7	81.9	15 500 *	65.5	83.3	17 100 *																26.0
28.0	57.7	80.7	14 600 *	62.7	82.3	16 300 *	65.6	83.0	17 100 *													28.0
30.0	54.7	79.4	13 800 *	59.8	81.2	15 400 *	62.8	82.0	16 300 *													30.0
32.0	51.6	77.9	13 100 *	56.9	80.0	14 600 *	59.9	80.9	15 400 *													32.0
34.0	48.3	76.2	12 300 *	53.9	78.6	13 800 *	57.0	79.7	14 600 *	61.9	80.9	15 800 *										34.0
36.0	44.9	74.3	11 700 *	50.7	77.1	13 000 *	53.9	78.3	13 800 *	59.0	79.7	15 100 *										36.0
38.0	41.2	72.1	11 000 *	47.4	75.3	12 300 *	50.8	76.8	13 100 *	56.0	78.5	14 300 *										38.0
40.0	37.2	69.7	10 500 *	43.9	73.4	11 600 *	47.4	75.0	12 400 *	52.9	77.0	13 600 *										40.0
42.0	32.9	66.8	9 900 *	40.1	71.2	11 000 *	43.9	73.1	11 700 *	49.7	75.4	12 900 *	54.9	76.9	13 900 *							42.0
44.0	27.9	63.4	9 400 *	36.0	68.6	10 400 *	40.2	70.9	11 100 *	46.4	73.6	12 200 *	51.8	75.4	13 200 *							44.0
46.0	21.9	59.1	8 900 *	31.5	65.6	9 900 *	36.1	68.3	10 500 *	42.8	71.6	11 600 *	48.5	73.7	12 600 *							46.0
48.0	13.8	52.9	8 600 *	26.4	62.0	9 400 *	31.7	65.4	10 000 *	38.9	69.3	11 000 *	45.1	71.8	12 000 *	50.5	73.3	12 100				48.0
50.0				20.0	57.3	8 900 *	26.5	61.8	9 500 *	34.8	66.6	10 400 *	41.4	69.7	11 300 *	47.1	71.6	11 400				50.0
52.0							20.2	57.1	9 000 *	30.1	63.5	9 800 *	37.5	67.3	10 700 *	43.6	69.6	10 800				52.0
54.0										24.6	59.6	9 400 *	33.1	64.5	10 200 *	39.8	67.4	10 300	45.5	69.0	9 500	54.0
56.0										17.7	54.4	8 900 *	28.2	61.1	9 700 *	35.7	64.8	9 800	41.8	66.9	9 000	56.0
58.0													22.4	56.9	9 200 *	31.2	61.8	9 300	37.9	64.5	8 600	58.0
60.0													14.4	50.8	8 800 *	26.0	58.1	8 900	33.6	61.7	8 200	60.0
62.0																19.5	53.3	8 400	28.8	58.4	7 800	62.0
64.0																9.4	45.5	8 000	23.0	54.3	7 400	64.0
66.0																			15.4	48.6	7 000	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.3	89.0	18 200 *																			16.8
18.0	72.8	88.6	17 600 *																			18.0
20.0	70.3	88.0	16 700 *																			20.0
22.0	67.8	87.2	15 800 *																			22.0
24.0	65.3	86.3	14 900 *																			24.0
26.0	62.6	85.4	14 100 *	67.1	86.6	15 600 *																26.0
28.0	60.0	84.3	13 200 *	64.5	85.7	14 800 *	67.2	86.3	15 600 *													28.0
30.0	57.2	83.0	12 500 *	61.9	84.7	14 000 *	64.6	85.4	14 800 *													30.0
32.0	54.4	81.7	11 700 *	59.2	83.6	13 200 *	62.0	84.4	14 000 *													32.0
34.0	51.4	80.2	11 000 *	56.4	82.3	12 400 *	59.3	83.3	13 200 *													34.0
36.0	48.4	78.5	10 400 *	53.6	80.9	11 700 *	56.5	82.0	12 400 *	61.1	83.3	13 600 *										36.0
38.0	45.1	76.6	9 700 *	50.6	79.4	11 000 *	53.6	80.6	11 700 *	58.4	82.1	12 900 *										38.0
40.0	41.7	74.5	9 100 *	47.5	77.6	10 300 *	50.7	79.1	11 000 *	55.6	80.8	12 200 *										40.0
42.0	38.0	72.1	8 600 *	44.2	75.7	9 700 *	47.5	77.3	10 400 *	52.7	79.3	11 500 *										42.0
44.0	34.0	69.3	8 100 *	40.7	73.5	9 100 *	44.3	75.4	9 800 *	49.7	77.7	10 900 *	54.6	79.2	11 800 *							44.0
46.0	29.6	66.1	7 600 *	37.0	71.0	8 600 *	40.8	73.2	9 200 *	46.5	75.9	10 200 *	51.6	77.7	11 200 *							46.0
48.0	24.4	62.2	7 200 *	32.9	68.2	8 000 *	37.1	70.7	8 600 *	43.2	73.9	9 600 *	48.6	76.0	10 600 *							48.0
50.0	17.9	57.0	6 800 *	28.2	64.8	7 600 *	33.0	67.9	8 100 *	39.6	71.7	9 100 *	45.3	74.1	10 000 *	50.4	75.6	10 800 *				50.0
52.0				22.8	60.6	7 100 *	28.3	64.5	7 600 *	35.8	69.1	8 500 *	41.9	72.0	9 400 *	47.2	73.9	10 200 *				52.0
54.0				15.6	54.8	6 800 *	22.9	60.3	7 200 *	31.6	66.1	8 000 *	38.3	69.7	8 800 *	44.0	71.9	9 700 *				54.0
56.0							15.8	54.7	6 800 *	26.7	62.5	7 500 *	34.3	67.0	8 300 *	40.5	69.7	9 100 *	45.7	71.3	8 800	56.0
58.0										20.9	58.0	7 100 *	29.9	63.8	7 900 *	36.7	67.2	8 600 *	42.3	69.3	8 400	58.0
60.0										12.8	51.4	6 800 *	24.8	59.9	7 400 *	32.5	64.3	8 100 *	38.7	66.9	8 000	60.0
62.0													18.4	54.8	7 000 *	27.9	60.9	7 700 *	34.8	64.2	7 600	62.0
64.0													8.1	46.3	6 700 *	22.3	56.6	7 300 *	30.4	61.1	7 300	64.0
66.0																15.0	50.7	6 900 *	25.4	57.3	6 900	66.0
68.0																			19.1	52.4	6 600	68.0
70.0																			9.7	44.7	6 300	70.0

Liftcrane Luffing Jib Capacities

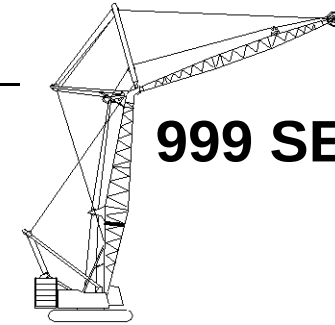
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

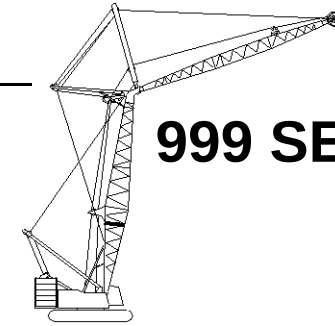
39.6m (130 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.3	92.1	16 800 *																			16.8
18.0	73.9	91.8	16 300 *																			18.0
20.0	71.5	91.2	15 400 *																			20.0
22.0	69.2	90.5	14 500 *																			22.0
24.0	66.8	89.7	13 700 *																			24.0
26.0	64.4	88.8	12 900 *	68.5	89.9	14 400 *																26.0
28.0	61.9	87.7	12 200 *	66.1	89.1	13 600 *																28.0
30.0	59.4	86.6	11 400 *	63.7	88.2	12 800 *	66.2	88.8	13 500 *													30.0
32.0	56.8	85.4	10 700 *	61.2	87.1	12 100 *	63.7	87.8	12 800 *													32.0
34.0	54.1	84.0	10 000 *	58.6	86.0	11 300 *	61.3	86.8	12 100 *													34.0
36.0	51.3	82.5	9 400 *	56.0	84.7	10 600 *	58.7	85.6	11 400 *													36.0
38.0	48.4	80.8	8 800 *	53.3	83.2	10 000 *	56.1	84.4	10 600 *	60.4	85.6	11 700 *										38.0
40.0	45.4	78.9	8 200 *	50.5	81.7	9 300 *	53.4	82.9	10 000 *	57.9	84.4	11 100 *										40.0
42.0	42.2	76.8	7 700 *	47.6	79.9	8 700 *	50.6	81.4	9 400 *	55.2	83.1	10 400 *										42.0
44.0	38.8	74.5	7 200 *	44.5	78.0	8 100 *	47.6	79.6	8 800 *	52.5	81.7	9 800 *										44.0
46.0	35.1	71.8	6 700 *	41.2	75.9	7 600 *	44.6	77.7	8 200 *	49.6	80.0	9 200 *	54.2	81.5	10 100 *							46.0
48.0	31.0	68.7	6 300 *	37.8	73.4	7 100 *	41.3	75.6	7 700 *	46.7	78.2	8 600 *	51.5	80.0	9 500 *							48.0
50.0	26.4	65.1	5 800 *	34.0	70.7	6 600 *	37.8	73.2	7 200 *	43.5	76.3	8 100 *	48.6	78.3	8 900 *							50.0
52.0	20.9	60.5	5 300 *	29.8	67.5	6 200 *	34.1	70.4	6 700 *	40.2	74.0	7 500 *	45.6	76.5	8 400 *	50.3	77.9	9 200 *				52.0
54.0	13.4	54.0	4 900 *	25.0	63.6	5 800 *	29.9	67.2	6 300 *	36.7	71.5	7 100 *	42.4	74.4	7 900 *	47.3	76.2	8 600 *				54.0
56.0				19.1	58.7	5 300 *	25.1	63.3	5 800 *	32.8	68.6	6 600 *	39.0	72.1	7 400 *	44.3	74.2	8 100 *				56.0
58.0							19.2	58.4	5 300 *	28.5	65.2	6 100 *	35.3	69.4	6 900 *	41.0	72.1	7 600 *	45.9	73.6	8 300 *	58.0
60.0										23.4	61.1	5 600 *	31.3	66.4	6 500 *	37.5	69.6	7 200 *	42.7	71.6	7 800 *	60.0
62.0										17.0	55.7	5 100 *	26.7	62.8	6 000 *	33.7	66.8	6 700 *	39.3	69.3	7 300 *	62.0
64.0										5.7	45.7	4 700 *	21.3	58.3	5 400 *	29.5	63.6	6 300 *	35.7	66.7	6 900 *	64.0
66.0													14.0	52.0	5 000 *	24.6	59.7	5 800 *	31.7	63.7	6 500 *	66.0
68.0																18.6	54.6	5 300 *	27.2	60.1	6 000 *	68.0
70.0																9.5	46.6	4 800 *	21.9	55.8	5 500 *	70.0
72.0																			14.9	49.8	5 000 *	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

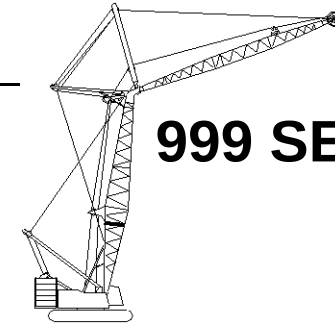
42.7m (140 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	62.0	63.9	44 400 *b																			13.7
14.0	61.1	63.8	44 100 *b																			14.0
16.0	54.8	62.5	41 700 *b																			16.0
18.0	47.9	60.9	39 700 *																			18.0
20.0	40.2	58.8	36 300 *	53.8	62.0	42 300 *b	60.9	63.0	44 900 b													20.0
22.0	30.9	56.0	31 800 *	46.8	60.3	39 700 *	54.5	61.7	40 200 b													22.0
24.0	17.9	51.6	25 400 *	38.9	58.1	35 600 *	47.6	60.1	36 100													24.0
26.0				29.4	55.2	31 400 *	39.8	58.0	32 700	53.2	60.6	30 800 b										26.0
28.0							30.5	55.2	29 900	46.2	58.9	28 200										28.0
30.0							17.1	50.6	26 200	38.2	56.7	25 900	51.7	59.1	24 300							30.0
32.0										28.4	53.6	23 900	44.4	57.3	22 500							32.0
34.0													36.1	54.9	20 900	49.6	57.1	19 600 b				34.0
36.0													25.6	51.6	19 400	42.1	55.2	18 200				36.0
38.0																33.4	52.6	17 000				38.0
40.0																21.7	48.7	15 900	39.1	52.5	14 900	40.0
42.0																			29.6	49.6	14 000	42.0
44.0																			15.6	44.8	13 100	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	65.7	67.3	39 700 *b																			13.7
14.0	65.0	67.2	39 400 *b																			14.0
16.0	59.7	66.1	37 300 *b																			16.0
18.0	54.1	64.8	35 300 *	64.2	66.7	39 800 *b																18.0
20.0	48.0	63.2	33 500 *	58.9	65.6	37 700 *b	64.8	66.4	40 100 *b													20.0
22.0	41.4	61.2	31 800 *	53.2	64.3	35 700 *	59.5	65.4	38 100 *b													22.0
24.0	33.6	58.6	28 800 *	47.1	62.6	34 000 *	53.8	64.0	35 800													24.0
26.0	23.9	54.9	25 300 *	40.3	60.5	31 800 *	47.8	62.4	32 600	58.4	64.3	30 700 b										26.0
28.0				32.4	57.8	28 200 *	41.0	60.4	29 800	52.7	62.9	28 000										28.0
30.0				22.1	53.9	25 200 *	33.3	57.7	27 400	46.6	61.2	25 800										30.0
32.0							23.3	54.0	25 300	39.7	59.1	23 800	51.3	61.4	22 300							32.0
34.0										31.6	56.3	22 100	45.0	59.6	20 700							34.0
36.0										21.0	52.2	20 600	37.9	57.3	19 300	49.5	59.4	18 000				36.0
38.0													29.4	54.3	18 000	43.0	57.5	16 800				38.0
40.0																35.6	55.0	15 800				40.0
42.0																26.5	51.7	14 800	40.5	54.9	13 800	42.0
44.0																12.3	46.1	13 900	32.6	52.2	13 000	44.0
46.0																			22.4	48.4	12 200	46.0

Liftcrane Luffing Jib Capacities

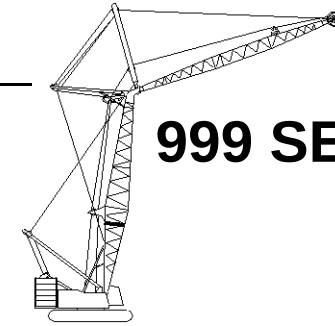
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

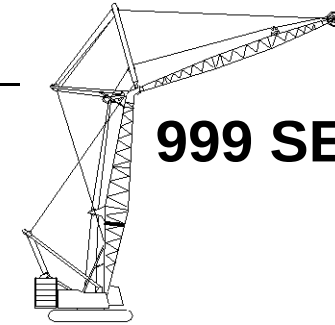
42.7m (140 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	68.6	70.6	36 000 *b																			13.7
14.0	67.9	70.5	35 700 *b																			14.0
16.0	63.4	69.6	33 800 *b																			16.0
18.0	58.6	68.5	32 000 *	67.3	70.0	36 000 *b																18.0
20.0	53.5	67.1	30 400 *	62.7	69.1	34 200 *b																20.0
22.0	48.2	65.5	29 000 *	57.9	68.0	32 500 *	63.1	68.8	34 500 *b													22.0
24.0	42.3	63.5	27 800 *	52.8	66.6	31 000 *	58.4	67.7	32 900 *													24.0
26.0	35.6	61.1	25 800 *	47.3	64.9	29 600 *	53.3	66.4	31 400 *	62.3	67.8	30 600 b										26.0
28.0	27.6	57.8	23 300 *	41.3	62.9	28 000 *	47.9	64.7	29 800	57.4	66.6	27 900										28.0
30.0	16.5	52.9	19 700 *	34.5	60.3	25 500 *	42.0	62.7	27 300	52.3	65.2	25 700										30.0
32.0				26.3	56.9	23 000 *	35.3	60.2	25 200	46.8	63.5	23 700	56.3	65.1	22 200							32.0
34.0							27.2	56.9	23 300 *	40.8	61.4	22 000	51.1	63.7	20 600							34.0
36.0							15.8	51.9	20 700 *	33.9	58.8	20 500	45.5	61.9	19 200							36.0
38.0										25.5	55.3	19 200	39.3	59.7	17 900							38.0
40.0													32.1	56.9	16 800	43.7	59.8	15 700				40.0
42.0													23.1	53.1	15 800	37.3	57.5	14 700				42.0
44.0																29.7	54.4	13 900	41.5	57.2	12 900	44.0
46.0																19.7	50.1	13 100	34.7	54.7	12 100	46.0
48.0																			26.5	51.3	11 500	48.0
50.0																			14.6	46.0	10 800	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

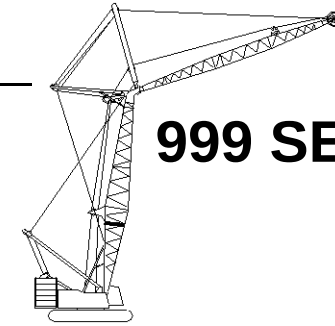
42.7m (140 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.8	73.9	33 600 *b																			13.7
14.0	70.2	73.8	33 300 *b																			14.0
16.0	66.2	73.0	31 500 *b																			16.0
18.0	62.0	72.0	29 800 *																			18.0
20.0	57.7	70.8	28 200 *	65.6	72.5	31 700 *b																20.0
22.0	53.1	69.5	26 700 *	61.4	71.5	30 100 *	66.0	72.2	31 900 *b													22.0
24.0	48.2	67.8	25 400 *	57.0	70.3	28 600 *	61.8	71.2	30 300 *													24.0
26.0	43.0	65.9	24 300 *	52.4	68.9	27 100 *	57.5	70.1	28 900 *													26.0
28.0	37.1	63.5	23 100 *	47.5	67.2	25 900 *	52.9	68.7	27 500 *	61.0	70.2	27 800										28.0
30.0	30.4	60.5	21 200 *	42.2	65.2	24 700 *	48.0	67.0	26 200 *	56.6	69.0	25 500										30.0
32.0	21.8	56.4	19 400 *	36.2	62.7	22 900 *	42.7	65.0	25 000 *	52.0	67.5	23 500										32.0
34.0				29.2	59.6	20 900 *	36.8	62.6	23 200 *	47.0	65.8	21 800	55.6	67.5	20 400							34.0
36.0				20.3	55.3	19 200 *	30.0	59.6	21 100 *	41.7	63.8	20 400	50.9	66.0	19 000							36.0
38.0							21.3	55.5	19 300 *	35.6	61.3	19 000	45.8	64.2	17 700							38.0
40.0										28.6	58.1	17 800	40.3	62.0	16 600	49.4	64.0	15 500				40.0
42.0										19.3	53.6	16 700	34.1	59.4	15 600	44.3	62.1	14 500				42.0
44.0													26.7	56.0	14 700	38.6	59.9	13 700				44.0
46.0																32.1	57.0	12 900	42.3	59.6	12 000	46.0
48.0																24.1	53.3	12 200	36.4	57.1	11 300	48.0
50.0																11.9	47.1	11 500	29.4	54.0	10 700	50.0
52.0																			20.5	49.8	10 100	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

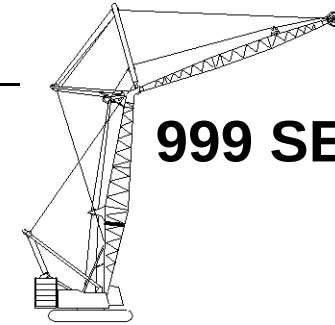
42.7m (140 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.6	77.1	31 400 *b																			13.7
14.0	72.1	77.0	31 200 *b																			14.0
16.0	68.5	76.3	29 700 *b																			16.0
18.0	64.8	75.4	28 400 *																			18.0
20.0	60.9	74.4	27 000 *	67.9	75.8	29 900 *																20.0
22.0	56.9	73.2	25 700 *	64.2	74.9	28 700 *																22.0
24.0	52.7	71.8	24 500 *	60.3	73.9	27 300 *	64.6	74.6	28 700 *													24.0
26.0	48.3	70.1	23 400 *	56.3	72.6	26 100 *	60.7	73.6	27 600 *													26.0
28.0	43.5	68.2	22 300 *	52.1	71.2	24 800 *	56.7	72.4	26 300 *													28.0
30.0	38.3	65.9	21 100 *	47.6	69.5	23 700 *	52.5	71.0	25 100 *	60.0	72.5	25 500										30.0
32.0	32.4	63.1	19 300 *	42.8	67.5	22 600 *	48.1	69.3	23 900 *	56.0	71.3	23 500										32.0
34.0	25.3	59.4	17 800 *	37.5	65.1	21 500 *	43.3	67.4	22 900 *	51.7	69.8	21 800										34.0
36.0	15.5	54.1	15 800 *	31.5	62.2	19 600 *	38.1	65.0	21 600 *	47.2	68.1	20 300	55.0	69.8	19 000							36.0
38.0				24.1	58.4	18 200 *	32.1	62.2	19 800 *	42.4	66.1	19 000	50.7	68.3	17 700							38.0
40.0							25.0	58.5	18 300 *	37.0	63.7	17 800	46.1	66.5	16 600							40.0
42.0							15.0	53.0	16 600 *	30.9	60.7	16 700	41.2	64.4	15 600	49.4	66.3	14 500				42.0
44.0										23.4	56.8	15 800	35.7	61.9	14 700	44.7	64.4	13 700				44.0
46.0													29.3	58.7	13 900	39.6	62.2	12 900				46.0
48.0													21.3	54.5	13 100	33.9	59.6	12 200	42.9	61.9	11 300	48.0
50.0																27.2	56.2	11 600	37.6	59.6	10 700	50.0
52.0																18.4	51.4	11 000	31.6	56.7	10 200	52.0
54.0																			24.3	52.9	9 600	54.0
56.0																			13.9	47.1	9 100	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

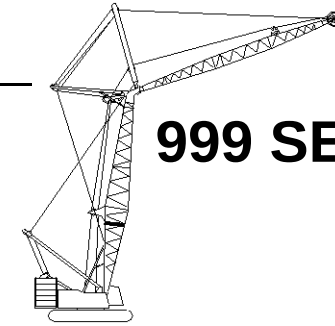
42.7m (140 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.1	80.3	25 500 *b																			13.7
14.0	73.6	80.2	25 400 *b																			14.0
16.0	70.3	79.5	24 800 *b																			16.0
18.0	67.0	78.7	24 200 *																			18.0
20.0	63.5	77.8	23 100 *	69.9	79.1	25 100 *																20.0
22.0	60.0	76.7	21 900 *	66.5	78.3	24 400 *																22.0
24.0	56.3	75.5	20 800 *	63.0	77.3	23 200 *																24.0
26.0	52.4	74.1	19 800 *	59.4	76.2	22 000 *	63.4	77.1	23 300 *													26.0
28.0	48.4	72.4	18 900 *	55.7	75.0	21 000 *	59.8	76.0	22 200 *													28.0
30.0	44.0	70.5	18 000 *	51.8	73.5	20 000 *	56.1	74.7	21 100 *													30.0
32.0	39.3	68.3	17 200 *	47.7	71.8	19 000 *	52.3	73.3	20 200 *	59.1	74.9	21 900 *										32.0
34.0	34.1	65.6	16 500 *	43.4	69.8	18 200 *	48.2	71.6	19 200 *	55.4	73.6	20 900 *										34.0
36.0	28.0	62.2	15 800 *	38.6	67.5	17 400 *	43.8	69.7	18 300 *	51.5	72.1	20 000 *										36.0
38.0	20.3	57.8	14 800 *	33.2	64.8	16 600 *	39.1	67.4	17 500 *	47.4	70.4	18 800 *	54.5	72.1	17 600 *							38.0
40.0				27.0	61.3	16 000 *	33.8	64.7	16 800 *	43.0	68.4	17 700 *	50.6	70.6	16 400 *							40.0
42.0				18.9	56.6	15 400 *	27.7	61.4	16 200 *	38.1	66.1	16 600 *	46.4	68.8	15 500 *							42.0
44.0							19.9	56.8	15 600 *	32.7	63.3	15 600 *	41.9	66.7	14 500 *	49.4	68.6	13 500 *				44.0
46.0										26.4	59.7	14 800 *	36.9	64.3	13 800 *	45.1	66.7	12 700 *				46.0
48.0										18.1	54.9	14 000 *	31.3	61.4	13 000 *	40.5	64.6	12 000 *				48.0
50.0													24.7	57.6	12 300 *	35.4	62.0	11 400 *	43.5	64.2	10 500 *	50.0
52.0																29.5	58.9	10 800 *	38.7	61.9	10 000 *	52.0
54.0																22.4	54.8	10 200 *	33.4	59.2	9 400 *	54.0
56.0																11.7	48.2	9 700 *	27.1	55.8	9 000 *	56.0
58.0																			19.2	51.1	8 500 *	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

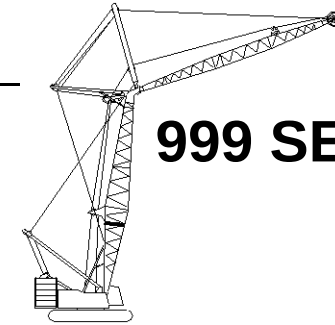
42.7m (140 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.4	83.4	23 900 *b																			13.7
14.0	74.9	83.3	23 800 *b																			14.0
16.0	71.9	82.7	23 200 *																			16.0
18.0	68.8	82.0	22 400 *																			18.0
20.0	65.7	81.2	21 300 *																			20.0
22.0	62.5	80.2	20 300 *	68.4	81.6	22 400 *																22.0
24.0	59.2	79.1	19 300 *	65.2	80.7	21 400 *																24.0
26.0	55.7	77.8	18 400 *	62.0	79.7	20 400 *	65.6	80.4	21 500 *													26.0
28.0	52.2	76.4	17 500 *	58.7	78.6	19 500 *	62.3	79.5	20 500 *													28.0
30.0	48.4	74.7	16 700 *	55.2	77.3	18 500 *	59.0	78.3	19 600 *													30.0
32.0	44.4	72.8	15 900 *	51.6	75.8	17 600 *	55.6	77.1	18 700 *	61.7	78.4	20 000 *										32.0
34.0	40.1	70.6	15 100 *	47.8	74.1	16 800 *	52.0	75.6	17 800 *	58.4	77.2	19 300 *										34.0
36.0	35.4	68.0	14 500 *	43.8	72.2	16 000 *	48.2	73.9	17 000 *	54.9	75.9	18 400 *										36.0
38.0	30.0	64.9	13 900 *	39.5	69.9	15 300 *	44.2	72.0	16 200 *	51.3	74.4	17 600 *										38.0
40.0	23.6	61.0	13 300 *	34.7	67.3	14 600 *	39.9	69.8	15 500 *	47.5	72.7	16 900 *	54.1	74.4	16 400							40.0
42.0	14.8	55.2	12 400 *	29.2	64.0	14 000 *	35.2	67.2	14 800 *	43.4	70.7	16 100 *	50.4	72.9	15 300							42.0
44.0				22.5	59.9	13 500 *	29.8	64.0	14 200 *	39.1	68.5	15 400 *	46.6	71.1	14 500							44.0
46.0							23.3	60.0	13 600 *	34.2	65.8	14 700	42.5	69.1	13 600	49.3	70.9	12 600				46.0
48.0							14.3	54.2	13 000 *	28.7	62.5	13 900	38.0	66.7	12 900	45.4	69.1	11 900				48.0
50.0										21.9	58.3	13 200	33.0	63.9	12 200	41.2	66.9	11 300				50.0
52.0													27.2	60.4	11 600	36.6	64.5	10 700	43.9	66.6	9 800	52.0
54.0													20.0	55.9	11 000	31.4	61.5	10 200	39.6	64.3	9 300	54.0
56.0																25.3	57.8	9 700	34.8	61.7	8 900	56.0
58.0																17.4	52.7	9 200	29.3	58.5	8 400	58.0
60.0																			22.7	54.4	8 000	60.0
62.0																			13.4	48.3	7 600	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

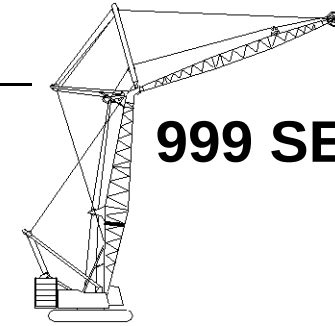
42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.3	86.2	21 900 *																			15.2
16.0	73.2	85.9	21 600 *																			16.0
18.0	70.4	85.3	20 700 *																			18.0
20.0	67.5	84.5	19 600 *																			20.0
22.0	64.6	83.6	18 700 *	70.0	84.8	20 600 *																22.0
24.0	61.6	82.6	17 700 *	67.1	84.0	19 600 *																24.0
26.0	58.5	81.5	16 800 *	64.2	83.1	18 700 *	67.4	83.8	19 600 *													26.0
28.0	55.3	80.2	16 000 *	61.1	82.1	17 800 *	64.5	82.9	18 800 *													28.0
30.0	51.9	78.7	15 100 *	58.0	80.9	16 900 *	61.5	81.8	17 900 *													30.0
32.0	48.5	77.0	14 300 *	54.8	79.6	16 100 *	58.4	80.7	17 000 *													32.0
34.0	44.8	75.1	13 600 *	51.4	78.1	15 200 *	55.1	79.4	16 200 *	60.9	80.8	17 500 *										34.0
36.0	40.8	73.0	12 900 *	47.9	76.4	14 500 *	51.8	77.9	15 400 *	57.8	79.6	16 800 *										36.0
38.0	36.5	70.5	12 300 *	44.2	74.5	13 700 *	48.3	76.2	14 600 *	54.5	78.2	16 000 *										38.0
40.0	31.7	67.5	11 700 *	40.2	72.3	13 000 *	44.6	74.3	13 900 *	51.1	76.7	15 200 *	57.0	78.1	16 200							40.0
42.0	26.2	63.9	11 200 *	35.8	69.7	12 400 *	40.6	72.1	13 200 *	47.6	75.0	14 500 *	53.7	76.7	15 200							42.0
44.0	19.2	59.1	10 700 *	31.0	66.7	11 800 *	36.3	69.6	12 500 *	43.9	73.1	13 800 *	50.3	75.2	14 300							44.0
46.0				25.3	62.9	11 300 *	31.5	66.6	11 900 *	39.8	70.8	13 100 *	46.8	73.4	13 500							46.0
48.0				18.0	57.9	10 800 *	25.9	63.0	11 400 *	35.4	68.2	12 500 *	42.9	71.4	12 700	49.3	73.2	11 700				48.0
50.0							18.8	58.1	10 900 *	30.5	65.2	11 900 *	38.8	69.1	12 100	45.7	71.4	11 100				50.0
52.0										24.7	61.3	11 400 *	34.3	66.4	11 400	41.8	69.3	10 500				52.0
54.0										17.2	56.1	10 900 *	29.2	63.2	10 900	37.6	66.9	10 000	44.3	68.9	9 100	54.0
56.0													23.1	59.1	10 300	32.9	64.0	9 500	40.3	66.7	8 700	56.0
58.0																27.6	60.6	9 000	35.9	64.1	8 200	58.0
60.0																21.1	56.2	8 600	31.1	61.1	7 900	60.0
62.0																11.5	49.3	8 200	25.4	57.4	7 500	62.0
64.0																			18.2	52.4	7 100	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

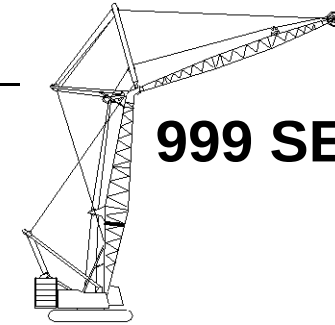
42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	89.3	20 400 *																			15.2
16.0	74.4	89.1	20 000 *																			16.0
18.0	71.8	88.5	19 100 *																			18.0
20.0	69.1	87.8	18 200 *																			20.0
22.0	66.4	87.0	17 200 *																			22.0
24.0	63.6	86.0	16 400 *	68.7	87.3	18 100 *																24.0
26.0	60.8	85.0	15 500 *	66.0	86.5	17 200 *																26.0
28.0	57.9	83.8	14 600 *	63.2	85.5	16 400 *	66.3	86.2	17 200 *													28.0
30.0	54.9	82.5	13 900 *	60.4	84.5	15 500 *	63.5	85.3	16 400 *													30.0
32.0	51.8	81.0	13 100 *	57.5	83.3	14 700 *	60.7	84.2	15 600 *													32.0
34.0	48.5	79.3	12 400 *	54.4	81.9	13 900 *	57.8	83.0	14 800 *													34.0
36.0	45.0	77.4	11 700 *	51.3	80.4	13 200 *	54.7	81.7	14 100 *	60.1	83.1	15 300 *										36.0
38.0	41.4	75.3	11 100 *	48.0	78.7	12 500 *	51.6	80.2	13 300 *	57.2	81.9	14 600 *										38.0
40.0	37.4	72.9	10 500 *	44.5	76.8	11 800 *	48.3	78.5	12 600 *	54.2	80.6	13 900 *										40.0
42.0	33.1	70.0	9 900 *	40.8	74.6	11 100 *	44.9	76.6	11 900 *	51.0	79.0	13 200 *	56.5	80.4	14 200 *							42.0
44.0	28.2	66.7	9 400 *	36.8	72.1	10 600 *	41.2	74.5	11 300 *	47.7	77.3	12 500 *	53.4	79.0	13 600 *							44.0
46.0	22.3	62.4	9 000 *	32.4	69.2	10 000 *	37.3	72.0	10 700 *	44.2	75.4	11 800 *	50.2	77.5	12 900 *							46.0
48.0	14.3	56.4	8 600 *	27.4	65.8	9 500 *	32.9	69.2	10 100 *	40.5	73.2	11 200 *	46.9	75.7	12 300 *							48.0
50.0				21.3	61.3	9 000 *	27.9	65.8	9 600 *	36.5	70.7	10 600 *	43.4	73.7	11 700 *	49.3	75.5	11 100				50.0
52.0							22.0	61.5	9 100 *	32.0	67.7	10 100 *	39.6	71.5	11 100 *	45.9	73.7	10 500				52.0
54.0							13.9	55.3	8 700 *	26.9	64.2	9 600 *	35.5	68.9	10 500 *	42.3	71.6	9 900				54.0
56.0										20.7	59.7	9 100 *	30.9	65.8	10 000 *	38.4	69.3	9 500	44.6	71.2	8 600	56.0
58.0													25.6	62.1	9 500 *	34.2	66.5	9 000	40.9	69.0	8 200	58.0
60.0													19.0	57.2	9 100 *	29.4	63.3	8 600	36.9	66.5	7 800	60.0
62.0																23.8	59.3	8 200	32.5	63.7	7 400	62.0
64.0																16.6	53.9	7 800	27.5	60.2	7 100	64.0
66.0																			21.5	55.8	6 800	66.0
68.0																			13.0	49.4	6 400	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

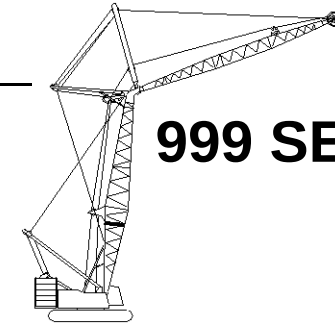
42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.5	92.1	18 100 *																			16.8
18.0	72.9	91.7	17 600 *																			18.0
20.0	70.5	91.0	16 600 *																			20.0
22.0	68.0	90.3	15 800 *																			22.0
24.0	65.4	89.4	14 900 *																			24.0
26.0	62.8	88.5	14 100 *	67.6	89.8	15 700 *																26.0
28.0	60.1	87.4	13 300 *	65.0	88.9	14 900 *																28.0
30.0	57.4	86.1	12 500 *	62.4	87.9	14 100 *	65.3	88.7	14 900 *													30.0
32.0	54.5	84.8	11 800 *	59.7	86.8	13 300 *	62.7	87.7	14 100 *													32.0
34.0	51.6	83.3	11 100 *	57.0	85.6	12 600 *	60.0	86.6	13 400 *													34.0
36.0	48.5	81.6	10 400 *	54.1	84.2	11 800 *	57.2	85.4	12 700 *													36.0
38.0	45.3	79.7	9 800 *	51.1	82.7	11 100 *	54.4	84.0	11 900 *	59.5	85.5	13 100 *										38.0
40.0	41.9	77.6	9 200 *	48.1	81.0	10 400 *	51.5	82.5	11 300 *	56.7	84.3	12 400 *										40.0
42.0	38.2	75.3	8 700 *	44.8	79.1	9 800 *	48.4	80.8	10 600 *	53.8	82.9	11 800 *										42.0
44.0	34.3	72.5	8 100 *	41.4	77.0	9 300 *	45.2	78.9	9 900 *	50.9	81.3	11 100 *	56.0	82.8	12 100 *							44.0
46.0	29.8	69.3	7 600 *	37.7	74.5	8 700 *	41.7	76.8	9 300 *	47.8	79.6	10 500 *	53.2	81.4	11 500 *							46.0
48.0	24.7	65.5	7 200 *	33.7	71.8	8 200 *	38.1	74.4	8 800 *	44.5	77.7	9 900 *	50.2	79.8	10 900 *							48.0
50.0	18.3	60.4	6 800 *	29.1	68.5	7 700 *	34.1	71.7	8 300 *	41.1	75.5	9 300 *	47.0	78.0	10 300 *							50.0
52.0				23.9	64.5	7 300 *	29.6	68.5	7 800 *	37.3	73.1	8 700 *	43.7	76.0	9 700 *	49.3	77.8	10 300				52.0
54.0				17.2	59.1	6 900 *	24.5	64.6	7 300 *	33.3	70.3	8 200 *	40.2	73.8	9 200 *	46.1	76.0	9 800				54.0
56.0							18.0	59.4	6 900 *	28.7	66.9	7 800 *	36.4	71.3	8 600 *	42.7	73.9	9 300				56.0
58.0										23.4	62.8	7 300 *	32.3	68.4	8 100 *	39.1	71.6	8 800	44.9	73.5	8 100	58.0
60.0										16.5	57.3	6 900 *	27.6	64.9	7 700 *	35.3	69.0	8 400	41.5	71.4	7 600	60.0
62.0													21.9	60.5	7 300 *	31.0	65.9	8 000	37.8	68.9	7 200	62.0
64.0													14.4	54.4	6 900 *	26.0	62.2	7 600 *	33.8	66.2	6 900	64.0
66.0																20.0	57.5	7 200 *	29.3	62.9	6 600	66.0
68.0																11.3	50.4	6 800 *	24.0	58.9	6 300	68.0
70.0																			17.4	53.6	6 000	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

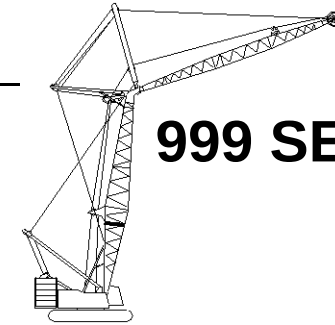
42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.4	95.2	16 700 *																			16.8
18.0	74.0	94.9	16 200 *																			18.0
20.0	71.7	94.3	15 400 *																			20.0
22.0	69.3	93.6	14 600 *																			22.0
24.0	66.9	92.8	13 700 *																			24.0
26.0	64.5	91.9	12 900 *	69.0	93.1	14 400 *																26.0
28.0	62.0	90.8	12 200 *	66.6	92.3	13 700 *																28.0
30.0	59.5	89.7	11 400 *	64.1	91.4	12 900 *																30.0
32.0	56.9	88.5	10 700 *	61.7	90.3	12 200 *	64.4	91.1	13 000 *													32.0
34.0	54.2	87.1	10 000 *	59.1	89.2	11 400 *	61.9	90.1	12 300 *													34.0
36.0	51.4	85.6	9 400 *	56.5	87.9	10 700 *	59.4	89.0	11 500 *													36.0
38.0	48.5	83.9	8 800 *	53.8	86.5	10 100 *	56.8	87.7	10 800 *													38.0
40.0	45.5	82.1	8 200 *	51.0	85.0	9 500 *	54.1	86.3	10 200 *	58.9	87.9	11 300 *										40.0
42.0	42.3	80.0	7 700 *	48.1	83.3	8 900 *	51.3	84.8	9 500 *	56.3	86.6	10 700 *										42.0
44.0	38.9	77.6	7 200 *	45.1	81.4	8 300 *	48.4	83.1	8 900 *	53.6	85.2	10 000 *										44.0
46.0	35.3	75.0	6 700 *	41.9	79.3	7 700 *	45.4	81.3	8 400 *	50.8	83.6	9 400 *	55.7	85.1	10 400 *							46.0
48.0	31.2	72.0	6 300 *	38.4	76.9	7 200 *	42.2	79.2	7 800 *	47.9	81.9	8 800 *	52.9	83.7	9 800 *							48.0
50.0	26.7	68.3	5 900 *	34.7	74.2	6 700 *	38.8	76.8	7 300 *	44.8	80.0	8 300 *	50.1	82.1	9 200 *							50.0
52.0	21.2	63.8	5 400 *	30.6	71.1	6 300 *	35.1	74.2	6 800 *	41.6	77.9	7 800 *	47.2	80.3	8 700 *	52.1	81.7	9 500 *				52.0
54.0	13.9	57.5	4 900 *	25.9	67.4	5 900 *	31.1	71.1	6 400 *	38.1	75.5	7 300 *	44.1	78.4	8 200 *	49.3	80.1	9 000 *				54.0
56.0				20.3	62.7	5 300 *	26.5	67.4	5 900 *	34.4	72.8	6 800 *	40.8	76.2	7 700 *	46.3	78.3	8 500 *				56.0
58.0							20.9	62.9	5 400 *	30.2	69.6	6 300 *	37.3	73.7	7 100 *	43.1	76.3	8 000 *				58.0
60.0							13.5	56.4	5 000 *	25.5	65.8	5 900 *	33.4	70.9	6 700 *	39.8	74.0	7 500 *	45.1	75.8	7 500	60.0
62.0										19.7	61.0	5 300 *	29.2	67.6	6 300 *	36.2	71.4	7 000 *	41.9	73.7	7 200	62.0
64.0										11.5	53.9	4 900 *	24.3	63.6	5 800 *	32.3	68.5	6 600 *	38.5	71.3	6 800	64.0
66.0													18.2	58.5	5 200 *	27.8	65.0	6 100 *	34.8	68.6	6 500	66.0
68.0																22.6	60.8	5 600 *	30.7	65.5	6 200	68.0
70.0																16.0	55.1	5 100 *	26.1	61.8	5 900	70.0
72.0																			20.5	57.2	5 400 *	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

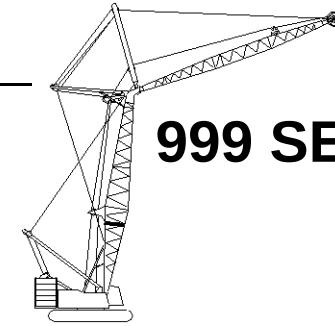
45.7m (150 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	62.3	67.0	42 600 *b																			13.7
14.0	61.5	66.9	42 300 *b																			14.0
16.0	55.1	65.6	40 000 *b																			16.0
18.0	48.3	64.1	38 200 *																			18.0
20.0	40.6	62.0	36 400 *	55.0	65.2	40 900 *b																20.0
22.0	31.5	59.3	32 000 *	48.2	63.7	38 700 *b	56.2	65.1	39 900 b													22.0
24.0	18.8	55.0	25 600 *	40.5	61.6	35 200 *	49.5	63.6	35 700													24.0
26.0				31.3	58.9	32 000 *	42.0	61.6	32 400	55.8	64.1	30 300 b										26.0
28.0				18.6	54.6	27 300 *	33.2	59.0	29 600	49.1	62.6	27 700 b										28.0
30.0							21.4	55.2	27 200	41.5	60.6	25 500										30.0
32.0										32.6	57.9	23 500	48.3	61.1	22 000							32.0
34.0										20.5	53.9	21 800	40.6	59.1	20 400							34.0
36.0													31.5	56.3	19 000	47.1	59.2	17 600				36.0
38.0													18.8	52.1	17 700	39.2	57.1	16 400				38.0
40.0																29.7	54.2	15 400				40.0
42.0																15.8	49.4	14 400	45.2	56.9	14 300	42.0
44.0																			26.9	51.4	12 600	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

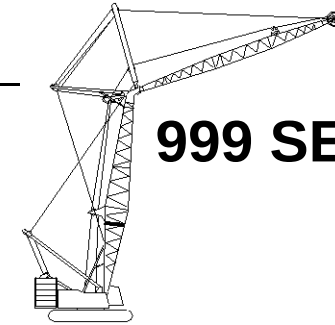
45.7m (150 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	66.0	70.4	39 500 *b																			13.7
14.0	65.3	70.3	39 200 *b																			14.0
16.0	60.0	69.2	37 200 *b																			16.0
18.0	54.4	68.0	35 300 *																			18.0
20.0	48.4	66.4	33 500 *	59.9	68.9	38 000 *b	66.1	69.7	40 300 *b													20.0
22.0	41.7	64.4	31 800 *	54.3	67.6	36 000 *b	60.9	68.7	38 500 *b													22.0
24.0	34.1	61.8	29 000 *	48.3	66.0	34 200 *	55.4	67.4	35 700													24.0
26.0	24.5	58.2	25 800 *	41.6	64.0	31 800 *	49.4	65.9	32 300	60.6	67.7	30 200 b										26.0
28.0				34.0	61.4	28 900 *	42.9	64.0	29 500	55.0	66.4	27 600 b										28.0
30.0				24.3	57.8	25 900 *	35.5	61.5	27 100	49.1	64.9	25 300										30.0
32.0				6.6	50.5	19 500 *	26.3	58.2	25 000	42.5	62.9	23 400	54.4	65.0	21 800							32.0
34.0										35.0	60.4	21 700	48.4	63.4	20 200							34.0
36.0										25.7	57.0	20 200	41.7	61.4	18 800							36.0
38.0										10.4	50.9	18 800	34.1	58.9	17 600	47.3	61.5	16 200				38.0
40.0													24.5	55.3	16 400	40.5	59.5	15 200				40.0
42.0																32.6	56.8	14 300				42.0
44.0																22.5	52.9	13 500				44.0
46.0																			38.7	57.0	12 400	46.0
48.0																			30.4	54.1	11 700	48.0
																			19.2	49.7	11 000	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

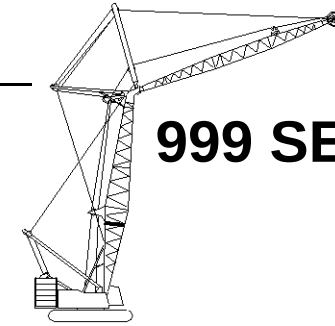
45.7m (150 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	68.8	73.7	35 800 *b																			13.7
14.0	68.2	73.6	35 500 *b																			14.0
16.0	63.6	72.7	33 600 *b																			16.0
18.0	58.8	71.6	31 900 *																			18.0
20.0	53.8	70.3	30 400 *	63.5	72.3	34 300 *b																20.0
22.0	48.4	68.7	29 000 *	58.8	71.2	32 600 *	64.4	72.1	34 700 *b													22.0
24.0	42.6	66.7	27 800 *	53.7	69.9	31 200 *	59.6	71.0	33 100 *													24.0
26.0	36.0	64.2	25 900 *	48.4	68.3	29 800 *	54.7	69.7	31 700													26.0
28.0	28.1	61.1	23 500 *	42.5	66.3	28 300 *	49.4	68.2	29 500	59.4	70.0	27 500 b										28.0
30.0	17.3	56.3	20 000 *	35.9	63.8	26 000 *	43.6	66.3	27 100	54.4	68.7	25 200										30.0
32.0				28.0	60.6	23 500 *	37.2	63.9	25 000	49.0	67.2	23 300										32.0
34.0				17.1	55.8	20 800 *	29.6	60.9	23 200	43.3	65.2	21 600	53.8	67.3	20 100							34.0
36.0							19.5	56.5	21 600	36.7	62.9	20 100	48.5	65.7	18 700							36.0
38.0										29.1	59.8	18 800	42.6	63.8	17 500							38.0
40.0										18.7	55.2	17 600	36.0	61.3	16 400	47.5	63.8	15 100				40.0
42.0													28.1	58.1	15 400	41.5	61.8	14 200				42.0
44.0													17.3	53.3	14 500	34.8	59.3	13 400				44.0
46.0																26.6	55.9	12 600	40.0	59.3	11 600	46.0
48.0																14.7	50.6	11 900	32.9	56.6	11 000	48.0
50.0																			24.2	53.0	10 300	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

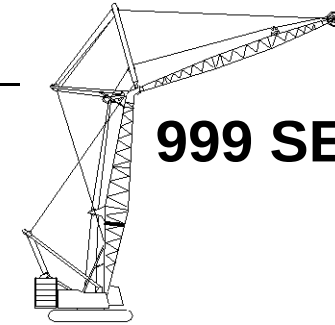
45.7m (150 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	71.0	77.0	33 400 *b																			13.7
14.0	70.5	76.9	33 200 *b																			14.0
16.0	66.4	76.1	31 400 *b																			16.0
18.0	62.2	75.1	29 700 *																			18.0
20.0	57.9	73.9	28 200 *	66.4	75.7	31 800 *b																20.0
22.0	53.3	72.6	26 800 *	62.2	74.7	30 200 *																22.0
24.0	48.5	71.0	25 400 *	57.8	73.6	28 800 *	62.9	74.5	30 600 *													24.0
26.0	43.3	69.0	24 300 *	53.3	72.2	27 300 *	58.6	73.4	29 100 *													26.0
28.0	37.5	66.7	23 000 *	48.4	70.6	26 000 *	54.1	72.1	27 800 *													28.0
30.0	30.7	63.7	21 000 *	43.2	68.6	24 900 *	49.3	70.5	26 500 *	58.4	72.4	25 000										30.0
32.0	22.3	59.7	19 300 *	37.4	66.3	23 300 *	44.2	68.6	24 900	53.8	71.1	23 100										32.0
34.0				30.6	63.3	21 200 *	38.5	66.3	23 000	49.0	69.5	21 400										34.0
36.0				22.2	59.3	19 500 *	32.0	63.5	21 500	43.9	67.6	20 000	53.3	69.6	18 500							36.0
38.0				7.4	51.7	15 900 *	23.9	59.7	19 800 *	38.1	65.3	18 700	48.5	68.0	17 300							38.0
40.0										31.5	62.4	17 500	43.3	66.1	16 200							40.0
42.0										23.4	58.5	16 400	37.5	63.7	15 200	47.7	66.1	14 000				42.0
44.0										10.4	51.9	15 500	30.8	60.8	14 300	42.3	64.1	13 200				44.0
46.0													22.3	56.8	13 500	36.4	61.7	12 500	46.4	63.8	11 400	46.0
48.0																29.5	58.6	11 800	40.9	61.7	10 700	48.0
50.0																20.6	54.3	11 100	34.8	59.1	10 200	50.0
52.0																			27.6	55.8	9 600	52.0
54.0																			17.8	51.0	9 100	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

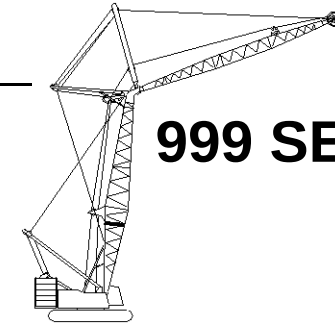
45.7m (150 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.8	80.2	31 100 *b																			13.7
14.0	72.3	80.1	30 900 *b																			14.0
16.0	68.7	79.4	29 500 *b																			16.0
18.0	65.0	78.5	28 200 *																			18.0
20.0	61.1	77.5	27 000 *	68.6	79.0	29 900 *b																20.0
22.0	57.1	76.3	25 700 *	64.9	78.1	28 700 *																22.0
24.0	53.0	74.9	24 500 *	61.1	77.1	27 500 *	65.6	77.9	28 800 *													24.0
26.0	48.5	73.3	23 400 *	57.1	75.9	26 200 *	61.8	76.9	27 700 *													26.0
28.0	43.8	71.3	22 200 *	52.9	74.5	25 000 *	57.8	75.7	26 500 *													28.0
30.0	38.6	69.1	20 500 *	48.5	72.9	23 900 *	53.7	74.4	25 300 *													30.0
32.0	32.8	66.3	18 800 *	43.7	70.9	22 800 *	49.3	72.8	24 200 *	57.6	74.7	23 100										32.0
34.0	25.8	62.7	17 400 *	38.5	68.6	21 700 *	44.6	70.9	23 100	53.4	73.4	21 400										34.0
36.0	16.2	57.5	15 900 *	32.7	65.9	20 000 *	39.5	68.7	21 500	49.0	71.8	20 000										36.0
38.0				25.7	62.3	18 400 *	33.8	66.0	20 100	44.3	69.9	18 700	53.0	72.0	17 300							38.0
40.0				16.0	57.0	16 700 *	27.0	62.6	18 700 *	39.2	67.6	17 500	48.6	70.3	16 200							40.0
42.0							18.1	57.8	17 300 *	33.4	64.9	16 500	43.8	68.4	15 200							42.0
44.0										26.6	61.5	15 500	38.6	66.1	14 300	47.8	68.4	13 200				44.0
46.0										17.5	56.5	14 600	32.8	63.3	13 500	43.0	66.5	12 500				46.0
48.0													25.8	59.8	12 800	37.7	64.1	11 800				48.0
50.0													16.2	54.5	12 100	31.7	61.2	11 100	41.7	64.0	10 200	50.0
52.0																24.4	57.5	10 600	36.3	61.6	9 700	52.0
54.0																14.0	51.7	10 000	30.0	58.5	9 100	54.0
56.0																			22.3	54.4	8 700	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

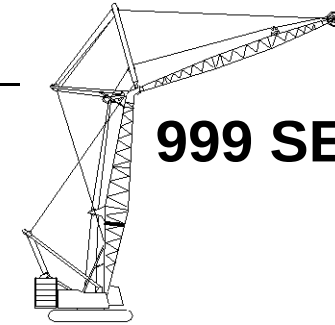
45.7m (150 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.3	83.3	25 200 *b																			13.7
14.0	73.8	83.3	25 100 *b																			14.0
16.0	70.5	82.6	24 400 *b																			16.0
18.0	67.2	81.8	23 900 *																			18.0
20.0	63.7	80.9	23 000 *	70.5	82.2	24 800 *b																20.0
22.0	60.2	79.9	21 900 *	67.1	81.5	24 300 *																22.0
24.0	56.5	78.6	20 800 *	63.7	80.5	23 300 *																24.0
26.0	52.6	77.2	19 800 *	60.1	79.5	22 200 *	64.3	80.3	23 400 *													26.0
28.0	48.6	75.6	18 900 *	56.4	78.2	21 200 *	60.8	79.3	22 400 *													28.0
30.0	44.3	73.7	18 000 *	52.6	76.8	20 200 *	57.1	78.1	21 400 *													30.0
32.0	39.6	71.4	17 200 *	48.5	75.2	19 200 *	53.3	76.7	20 400 *	60.6	78.3	22 100 *										32.0
34.0	34.4	68.8	16 500 *	44.2	73.3	18 300 *	49.3	75.1	19 500 *	56.9	77.1	21 200										34.0
36.0	28.3	65.5	15 500 *	39.5	71.0	17 500 *	45.0	73.2	18 600 *	53.1	75.7	19 800										36.0
38.0	20.8	61.1	14 500 *	34.3	68.4	16 800 *	40.4	71.1	17 800 *	49.0	74.1	18 500										38.0
40.0				28.2	65.1	16 100 *	35.3	68.5	17 000 *	44.7	72.2	17 300	52.6	74.3	16 000							40.0
42.0				20.7	60.7	15 600 *	29.4	65.3	16 400 *	40.1	70.0	16 300	48.6	72.6	15 100							42.0
44.0				8.0	52.8	13 200 *	22.2	61.2	15 800 *	34.9	67.4	15 400	44.3	70.7	14 200							44.0
46.0										29.0	64.2	14 500	39.6	68.5	13 400	47.9	70.7	12 200				46.0
48.0										21.7	60.0	13 700	34.4	65.8	12 700	43.5	68.8	11 600				48.0
50.0										10.4	53.0	13 000	28.3	62.5	12 000	38.7	66.5	11 000				50.0
52.0													20.8	58.2	11 400	33.4	63.7	10 400	42.4	66.4	9 400	52.0
54.0																27.2	60.3	9 900	37.5	64.0	9 000	54.0
56.0																19.2	55.7	9 400	32.0	61.1	8 500	56.0
58.0																			25.5	57.4	8 100	58.0
60.0																			16.8	52.3	7 700	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

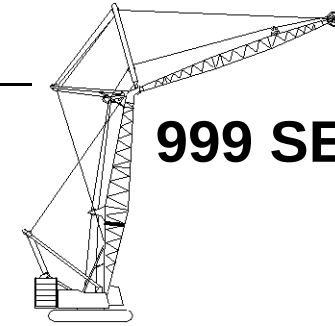
45.7m (150 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.5	86.5	23 500 *b																			13.7
14.0	75.1	86.4	23 500 *b																			14.0
16.0	72.1	85.8	22 900 *b																			16.0
18.0	69.0	85.1	22 300 *																			18.0
20.0	65.9	84.3	21 300 *																			20.0
22.0	62.7	83.3	20 300 *	69.0	84.7	22 400 *																22.0
24.0	59.4	82.2	19 300 *	65.8	83.9	21 500 *																24.0
26.0	55.9	81.0	18 400 *	62.6	82.9	20 500 *	66.4	83.7	21 500 *													26.0
28.0	52.4	79.5	17 500 *	59.3	81.8	19 600 *	63.2	82.7	20 700 *													28.0
30.0	48.6	77.9	16 700 *	55.9	80.6	18 700 *	59.9	81.7	19 800 *													30.0
32.0	44.6	76.0	15 900 *	52.3	79.1	17 800 *	56.5	80.4	18 900 *	63.0	81.8	20 200 *										32.0
34.0	40.4	73.8	15 200 *	48.6	77.5	17 000 *	53.0	79.0	18 000 *	59.7	80.7	19 500 *										34.0
36.0	35.7	71.2	14 500 *	44.6	75.6	16 200 *	49.3	77.4	17 200 *	56.3	79.4	18 700 *										36.0
38.0	30.3	68.1	13 900 *	40.3	73.4	15 400 *	45.3	75.5	16 400 *	52.8	78.0	18 000 *										38.0
40.0	24.0	64.3	13 200 *	35.6	70.8	14 800 *	41.1	73.4	15 600 *	49.0	76.4	17 200	55.9	78.0	15 900							40.0
42.0	15.4	58.7	12 400 *	30.3	67.7	14 100 *	36.5	70.9	15 000 *	45.1	74.5	16 200	52.4	76.6	14 900							42.0
44.0				23.9	63.8	13 600 *	31.3	67.9	14 300 *	40.8	72.4	15 300	48.6	74.9	14 000							44.0
46.0				15.3	58.2	13 000 *	25.2	64.2	13 800 *	36.2	69.8	14 400	44.6	73.0	13 300	51.7	74.7	12 100				46.0
48.0							17.2	59.1	13 300 *	31.0	66.8	13 600	40.4	70.8	12 500	48.0	73.0	11 400				48.0
50.0										24.8	63.0	12 900	35.7	68.3	11 900	43.9	71.1	10 800				50.0
52.0										16.6	57.7	12 200	30.3	65.2	11 200	39.6	68.9	10 300	47.0	70.7	9 300	52.0
54.0													24.0	61.3	10 700	34.8	66.2	9 800	42.9	68.7	8 800	54.0
56.0													15.4	55.7	10 100	29.4	63.0	9 200	38.5	66.4	8 400	56.0
58.0																22.8	59.0	8 800	33.6	63.6	8 000	58.0
60.0																13.5	52.8	8 400	27.9	60.2	7 600	60.0
62.0																			20.9	55.8	7 200	62.0
64.0																			10.0	48.6	6 800	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.5	89.2	21 500 *																			15.2
16.0	73.4	89.0	21 400 *																			16.0
18.0	70.6	88.4	20 600 *																			18.0
20.0	67.7	87.6	19 600 *																			20.0
22.0	64.8	86.7	18 600 *																			22.0
24.0	61.8	85.7	17 700 *	67.7	87.2	19 700 *																24.0
26.0	58.7	84.6	16 800 *	64.7	86.3	18 800 *																26.0
28.0	55.5	83.3	15 900 *	61.7	85.3	17 900 *	65.3	86.1	18 900 *													28.0
30.0	52.1	81.8	15 100 *	58.6	84.2	17 000 *	62.3	85.1	18 100 *													30.0
32.0	48.6	80.2	14 400 *	55.4	82.9	16 200 *	59.2	84.0	17 200 *													32.0
34.0	45.0	78.3	13 700 *	52.1	81.4	15 400 *	56.0	82.7	16 400 *	62.1	84.1	17 700 *										34.0
36.0	41.0	76.1	13 000 *	48.6	79.8	14 600 *	52.7	81.3	15 600 *	59.0	83.0	17 000 *										36.0
38.0	36.7	73.7	12 400 *	44.9	77.9	13 900 *	49.2	79.7	14 800 *	55.8	81.7	16 300 *										38.0
40.0	32.0	70.7	11 800 *	41.0	75.7	13 200 *	45.6	77.8	14 100 *	52.5	80.3	15 500 *										40.0
42.0	26.5	67.2	11 200 *	36.7	73.2	12 600 *	41.7	75.8	13 400 *	49.0	78.7	14 800 *	55.5	80.3	14 700							42.0
44.0	19.6	62.5	10 800 *	31.9	70.3	11 900 *	37.5	73.3	12 800 *	45.4	76.8	14 100 *	52.1	78.9	13 900							44.0
46.0				26.4	66.7	11 400 *	32.8	70.5	12 100 *	41.5	74.7	13 400 *	48.6	77.2	13 100							46.0
48.0				19.5	62.0	10 900 *	27.5	67.0	11 600 *	37.2	72.3	12 800 *	45.0	75.3	12 300	51.6	77.0	11 300				48.0
50.0				8.3	53.9	10 600 *	20.9	62.6	11 100 *	32.5	69.4	12 200 *	41.0	73.2	11 700	48.0	75.3	10 600				50.0
52.0										27.1	65.9	11 600 *	36.7	70.7	11 100	44.3	73.4	10 100				52.0
54.0										20.5	61.4	11 100 *	32.0	67.8	10 500	40.3	71.2	9 600				54.0
56.0										10.3	54.1	10 800 *	26.5	64.2	10 000	36.0	68.7	9 100	43.4	71.0	8 200	56.0
58.0													19.6	59.5	9 500	31.1	65.7	8 600	39.3	68.7	7 800	58.0
60.0																25.4	61.9	8 200	34.8	66.1	7 400	60.0
62.0																18.2	56.9	7 800	29.8	62.9	7 000	62.0
64.0																4.6	47.1	7 400	23.9	59.0	6 700	64.0
66.0																			16.0	53.5	6 400	66.0

Liftcrane Luffing Jib Capacities

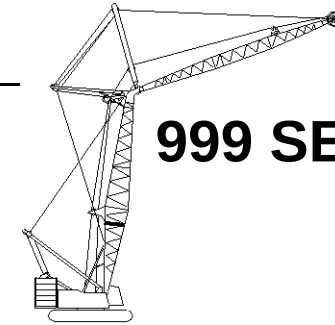
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

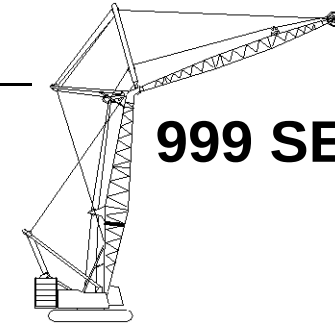
45.7m (150 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.5	92.4	20 100 *																			15.2
16.0	74.5	92.2	19 800 *																			16.0
18.0	71.9	91.6	19 000 *																			18.0
20.0	69.3	90.9	18 100 *																			20.0
22.0	66.5	90.1	17 200 *																			22.0
24.0	63.8	89.1	16 300 *	69.2	90.5	18 200 *																24.0
26.0	61.0	88.1	15 500 *	66.5	89.7	17 300 *																26.0
28.0	58.0	86.9	14 600 *	63.7	88.8	16 500 *	67.0	89.5	17 300 *													28.0
30.0	55.0	85.6	13 900 *	60.9	87.7	15 700 *	64.3	88.5	16 600 *													30.0
32.0	51.9	84.1	13 200 *	58.0	86.5	14 800 *	61.4	87.5	15 800 *													32.0
34.0	48.7	82.5	12 400 *	55.0	85.2	14 100 *	58.5	86.4	15 000 *													34.0
36.0	45.2	80.6	11 700 *	51.9	83.7	13 300 *	55.6	85.1	14 300 *	61.3	86.5	15 500 *										36.0
38.0	41.6	78.5	11 100 *	48.6	82.1	12 600 *	52.5	83.6	13 500 *	58.4	85.4	14 900 *										38.0
40.0	37.7	76.1	10 500 *	45.2	80.2	11 900 *	49.2	82.0	12 800 *	55.4	84.1	14 100 *										40.0
42.0	33.3	73.3	10 000 *	41.5	78.1	11 300 *	45.8	80.2	12 100 *	52.3	82.6	13 500 *										42.0
44.0	28.5	69.9	9 500 *	37.6	75.7	10 700 *	42.2	78.1	11 500 *	49.0	81.0	12 800 *	55.0	82.7	13 800							44.0
46.0	22.6	65.7	9 000 *	33.3	72.8	10 100 *	38.3	75.7	10 800 *	45.6	79.1	12 100 *	51.9	81.2	13 000							46.0
48.0	14.8	59.8	8 600 *	28.4	69.5	9 600 *	34.1	73.0	10 300 *	42.0	77.0	11 500 *	48.7	79.5	12 300							48.0
50.0				22.6	65.3	9 100 *	29.3	69.8	9 800 *	38.1	74.7	10 900 *	45.2	77.7	11 700							50.0
52.0				14.7	59.4	8 800 *	23.7	65.7	9 300 *	33.8	71.9	10 300 *	41.6	75.5	11 100	48.1	77.6	10 100				52.0
54.0							16.4	60.3	8 800 *	29.0	68.6	9 800 *	37.7	73.1	10 500	44.6	75.7	9 500				54.0
56.0										23.3	64.6	9 300 *	33.3	70.3	10 000	40.9	73.6	9 100				56.0
58.0										15.9	58.9	8 900 *	28.5	67.0	9 500	37.0	71.1	8 600	43.8	73.3	7 700	58.0
60.0													22.6	62.8	9 000	32.6	68.2	8 200	40.0	71.1	7 400	60.0
62.0													14.8	56.9	8 600	27.6	64.8	7 800	35.9	68.5	7 000	62.0
64.0																21.5	60.4	7 400	31.4	65.5	6 700	64.0
66.0																13.1	54.0	7 100	26.2	61.9	6 400	66.0
68.0																			19.8	57.2	6 000	68.0
70.0																			10.0	49.7	5 700	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.6	95.1	18 000 *																			16.8
18.0	73.1	94.8	17 500 *																			18.0
20.0	70.6	94.1	16 600 *																			20.0
22.0	68.1	93.4	15 700 *																			22.0
24.0	65.5	92.5	14 900 *																			24.0
26.0	62.9	91.6	14 100 *	68.1	93.0	15 800 *																26.0
28.0	60.3	90.5	13 300 *	65.5	92.1	15 000 *																28.0
30.0	57.5	89.3	12 500 *	62.9	91.2	14 200 *	66.0	91.9	15 100 *													30.0
32.0	54.7	87.9	11 800 *	60.2	90.1	13 400 *	63.4	91.0	14 300 *													32.0
34.0	51.7	86.4	11 100 *	57.5	88.9	12 700 *	60.7	89.9	13 600 *													34.0
36.0	48.7	84.8	10 500 *	54.6	87.5	11 900 *	58.0	88.7	12 900 *													36.0
38.0	45.5	82.9	9 800 *	51.7	86.0	11 300 *	55.2	87.4	12 100 *	60.5	88.9	13 400 *										38.0
40.0	42.1	80.8	9 200 *	48.6	84.4	10 600 *	52.2	85.9	11 400 *	57.8	87.7	12 700 *										40.0
42.0	38.4	78.5	8 700 *	45.4	82.5	10 000 *	49.2	84.3	10 800 *	55.0	86.4	12 100 *										42.0
44.0	34.5	75.7	8 200 *	42.0	80.4	9 300 *	46.0	82.5	10 100 *	52.1	84.9	11 400 *										44.0
46.0	30.1	72.6	7 700 *	38.4	78.0	8 800 *	42.7	80.4	9 500 *	49.0	83.3	10 700 *	54.7	85.0	11 800 *							46.0
48.0	25.0	68.7	7 300 *	34.4	75.3	8 300 *	39.1	78.1	8 900 *	45.8	81.4	10 200 *	51.7	83.5	11 200 *							48.0
50.0	18.7	63.8	6 900 *	30.0	72.2	7 800 *	35.2	75.5	8 400 *	42.5	79.4	9 600 *	48.7	81.8	10 700 *							50.0
52.0				24.9	68.3	7 300 *	30.9	72.4	7 900 *	38.8	77.0	9 000 *	45.5	80.0	10 100 *	51.2	81.6	9 900				52.0
54.0				18.6	63.3	6 900 *	25.9	68.7	7 500 *	34.9	74.4	8 500 *	42.1	77.9	9 500 *	48.2	79.9	9 400				54.0
56.0				8.6	55.0	6 600 *	19.9	64.0	7 100 *	30.6	71.3	8 000 *	38.4	75.5	8 900 *	44.9	78.0	8 900				56.0
58.0										25.6	67.5	7 500 *	34.5	72.8	8 500 *	41.5	75.9	8 400	47.4	77.6	7 600	58.0
60.0										19.5	62.7	7 100 *	30.1	69.6	7 900 *	37.8	73.5	8 000	44.1	75.6	7 200	60.0
62.0										10.3	55.2	6 800 *	25.0	65.8	7 500 *	33.8	70.7	7 600	40.6	73.5	6 800	62.0
64.0													18.7	60.8	7 100 *	29.3	67.5	7 300	36.9	71.0	6 500	64.0
66.0																24.1	63.5	6 900	32.7	68.1	6 200	66.0
68.0																17.4	58.2	6 600	28.1	64.7	5 900	68.0
70.0																5.6	48.4	6 300	22.6	60.5	5 600	70.0
72.0																			15.4	54.6	5 300	72.0

Liftcrane Luffing Jib Capacities

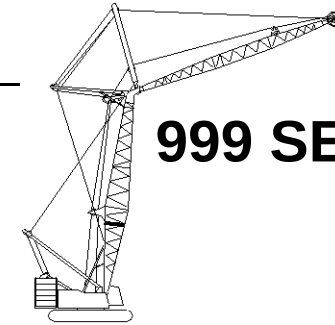
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

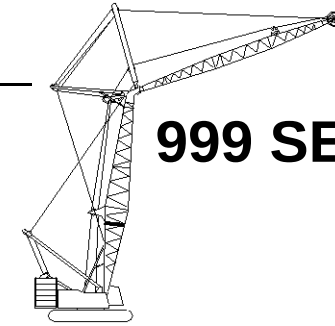
45.7m (150 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.5	98.3	16 600 *																			16.8
18.0	74.1	98.0	16 100 *																			18.0
20.0	71.8	97.3	15 300 *																			20.0
22.0	69.4	96.6	14 500 *																			22.0
24.0	67.1	95.8	13 700 *																			24.0
26.0	64.6	94.9	12 900 *	69.4	96.3	14 500 *																26.0
28.0	62.2	93.9	12 200 *	67.0	95.5	13 800 *																28.0
30.0	59.6	92.8	11 500 *	64.6	94.6	13 000 *																30.0
32.0	57.0	91.6	10 700 *	62.1	93.6	12 300 *	65.0	94.3	13 100 *													32.0
34.0	54.4	90.2	10 100 *	59.6	92.4	11 600 *	62.6	93.4	12 400 *													34.0
36.0	51.6	88.7	9 500 *	57.0	91.2	10 900 *	60.1	92.3	11 700 *													36.0
38.0	48.7	87.1	8 900 *	54.3	89.8	10 200 *	57.5	91.1	11 000 *													38.0
40.0	45.7	85.2	8 300 *	51.5	88.3	9 600 *	54.8	89.7	10 400 *	59.9	91.3	11 500 *										40.0
42.0	42.5	83.1	7 800 *	48.7	86.7	8 900 *	52.1	88.2	9 700 *	57.3	90.1	10 900 *										42.0
44.0	39.1	80.8	7 300 *	45.6	84.8	8 400 *	49.2	86.6	9 100 *	54.6	88.7	10 300 *										44.0
46.0	35.5	78.2	6 800 *	42.5	82.7	7 900 *	46.2	84.8	8 500 *	51.9	87.2	9 700 *	57.0	88.7	10 700 *							46.0
48.0	31.5	75.2	6 300 *	39.1	80.4	7 300 *	43.1	82.7	8 000 *	49.0	85.6	9 100 *	54.4	87.3	10 100 *							48.0
50.0	26.9	71.6	5 900 *	35.4	77.8	6 900 *	39.7	80.5	7 500 *	46.0	83.7	8 600 *	51.6	85.8	9 600 *							50.0
52.0	21.5	67.2	5 400 *	31.4	74.8	6 400 *	36.1	77.9	7 000 *	42.9	81.7	8 000 *	48.7	84.1	9 000 *							52.0
54.0	14.4	61.0	5 000 *	26.9	71.2	6 000 *	32.2	75.0	6 500 *	39.5	79.4	7 500 *	45.7	82.3	8 500 *	51.1	83.9	9 200				54.0
56.0				21.5	66.7	5 500 *	27.7	71.5	6 100 *	35.9	76.8	7 000 *	42.5	80.2	7 900 *	48.2	82.2	8 800				56.0
58.0				14.2	60.5	5 000 *	22.5	67.2	5 600 *	31.9	73.8	6 600 *	39.1	77.9	7 500 *	45.2	80.4	8 300 *				58.0
60.0							15.8	61.5	5 100 *	27.5	70.3	6 100 *	35.5	75.3	7 000 *	42.0	78.2	7 800 *				60.0
62.0										22.2	66.0	5 600 *	31.5	72.2	6 500 *	38.5	75.9	7 400 *	44.4	78.0	6 700	62.0
64.0										15.3	60.1	5 100 *	26.9	68.7	6 100 *	34.8	73.2	6 900 *	41.1	75.8	6 300	64.0
66.0													21.5	64.2	5 500 *	30.7	70.1	6 500 *	37.7	73.4	6 000	66.0
68.0													14.4	58.0	5 000 *	26.1	66.4	6 000 *	33.9	70.6	5 800	68.0
70.0																20.5	61.8	5 500 *	29.7	67.4	5 500	70.0
72.0																12.8	55.1	5 000 *	24.8	63.5	5 200	72.0
76.0																			10.0	50.7	4 700	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	57.9	69.3	40 700 *b																			15.2
16.0	55.5	68.8	40 000 *b																			16.0
18.0	48.7	67.2	38 100 *																			18.0
20.0	41.1	65.2	35 500 *	56.3	68.5	41 100 *b																20.0
22.0	32.0	62.5	31 600 *	49.5	67.0	37 600 *b	57.9	68.4	39 500 b													22.0
24.0	19.7	58.4	26 100 *	42.0	65.1	33 900 *	51.3	67.0	35 400 b													24.0
26.0				33.2	62.5	30 900 *	44.1	65.2	32 200	58.4	67.6	29 900 b										26.0
28.0				21.5	58.6	27 600 *	35.7	62.8	29 400	51.8	66.2	27 300 b										28.0
30.0							25.0	59.4	27 000	44.6	64.4	25 100										30.0
32.0										36.3	62.0	23 200	51.9	64.9	21 500 b							32.0
34.0										25.9	58.7	21 500	44.8	63.1	19 900							34.0
36.0													36.5	60.7	18 600							36.0
38.0													26.2	57.5	17 300	44.4	61.3	15 900				38.0
40.0																36.1	58.9	14 900				40.0
42.0																25.6	55.6	14 000	43.4	59.0	12 800	42.0
44.0																			34.9	56.6	12 100	44.0
46.0																			24.0	53.0	11 400	46.0

Liftcrane Luffing Jib Capacities

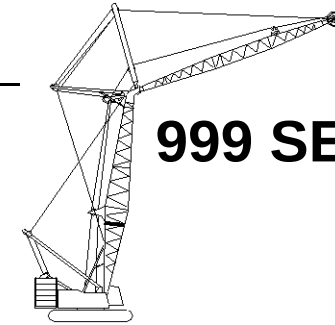
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

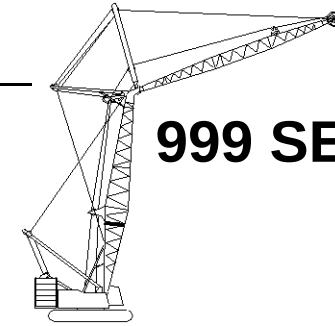
48.8m (160 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	66.3	73.5	39 100 *b																			13.7
14.0	65.6	73.4	38 800 *b																			14.0
16.0	60.3	72.4	37 000 *b																			16.0
18.0	54.7	71.1	35 200 *																			18.0
20.0	48.7	69.5	33 500 *	60.9	72.1	38 100 *b																20.0
22.0	42.1	67.5	31 600 *	55.4	70.8	36 300 *b	62.3	72.0	38 500 b													22.0
24.0	34.5	65.0	28 300 *	49.5	69.3	33 800 *	56.9	70.8	35 400 b													24.0
26.0	25.1	61.5	25 700 *	42.9	67.4	30 700 *	51.0	69.3	32 000	62.7	71.1	29 700 b										26.0
28.0				35.5	64.9	28 100 *	44.7	67.5	29 200	57.2	69.9	27 100 b										28.0
30.0				26.3	61.6	25 900 *	37.6	65.2	26 900	51.5	68.5	24 900										30.0
32.0				12.0	55.8	21 600 *	29.0	62.2	24 800	45.2	66.7	23 000	57.4	68.6	21 300 b							32.0
34.0										38.1	64.4	21 400	51.6	67.2	19 700							34.0
36.0										29.6	61.5	19 900	45.3	65.4	18 400							36.0
38.0										18.0	56.9	18 600	38.2	63.1	17 200							38.0
40.0													29.8	60.2	16 100	45.0	63.6	14 700				40.0
42.0													18.3	55.7	15 100	37.9	61.3	13 900				42.0
44.0																29.4	58.3	13 000				44.0
46.0																			36.9	59.0	11 200	46.0
48.0																			28.2	55.9	10 600	48.0
50.0																			15.5	50.9	10 000	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

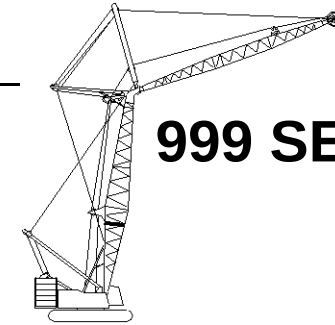
48.8m (160 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	69.1	76.8	35 500 *b																			13.7
14.0	68.4	76.7	35 300 *b																			14.0
16.0	63.9	75.8	33 500 *b																			16.0
18.0	59.1	74.7	31 800 *																			18.0
20.0	54.1	73.4	30 300 *	64.4	75.5	34 400 *b																20.0
22.0	48.7	71.8	29 000 *	59.7	74.5	32 800 *b	65.6	75.3	34 700 *b													22.0
24.0	42.9	69.9	27 500 *	54.7	73.2	31 300 *	60.9	74.3	33 300 *													24.0
26.0	36.4	67.4	25 300 *	49.4	71.6	29 900 *	56.0	73.1	31 900													26.0
28.0	28.6	64.3	23 100 *	43.6	69.7	28 100 *	50.8	71.6	29 200	61.3	73.4	27 000 b										28.0
30.0	18.0	59.7	20 200 *	37.2	67.4	25 800 *	45.2	69.8	26 800	56.4	72.2	24 800										30.0
32.0				29.6	64.3	23 900 *	39.0	67.6	24 800	51.2	70.8	22 900										32.0
34.0				19.5	60.0	21 400 *	31.7	64.8	23 000	45.6	69.0	21 300	56.5	70.9	19 600							34.0
36.0							22.6	60.9	21 400	39.4	66.8	19 800	51.3	69.5	18 300							36.0
38.0										32.3	64.0	18 500	45.7	67.7	17 100							38.0
40.0										23.3	60.2	17 300	39.6	65.5	16 000	51.1	67.7	14 600				40.0
42.0													32.4	62.8	15 000	45.5	65.9	13 700				42.0
44.0													23.5	59.0	14 100	39.2	63.7	13 000				44.0
46.0																32.1	60.9	12 200	44.7	63.6	11 100	46.0
48.0																23.0	57.1	11 500	38.4	61.4	10 500	48.0
50.0																			31.1	58.5	9 900	50.0
52.0																			21.6	54.5	9 400	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	71.2	80.0	32 900 *b																			13.7
14.0	70.7	79.9	32 700 *b																			14.0
16.0	66.6	79.2	31 200 *b																			16.0
18.0	62.5	78.2	29 600 *																			18.0
20.0	58.1	77.1	28 100 *	67.1	78.9	31 900 *b																20.0
22.0	53.6	75.7	26 700 *	63.0	77.9	30 300 *																22.0
24.0	48.8	74.1	25 400 *	58.7	76.8	28 900 *	64.1	77.8	30 700 *													24.0
26.0	43.6	72.2	24 300 *	54.1	75.5	27 500 *	59.8	76.7	29 400 *													26.0
28.0	37.8	69.8	22 300 *	49.4	73.9	26 300 *	55.3	75.4	28 100 *													28.0
30.0	31.1	66.9	20 500 *	44.2	72.0	25 100 *	50.6	73.9	26 600	60.1	75.8	24 600										30.0
32.0	22.8	63.0	18 900 *	38.5	69.8	23 700 *	45.6	72.1	24 600	55.7	74.6	22 700										32.0
34.0				32.0	66.9	21 600 *	40.0	70.0	22 800	51.0	73.1	21 100										34.0
36.0				24.0	63.2	19 800 *	33.8	67.3	21 300	46.0	71.3	19 700	55.8	73.2	18 100							36.0
38.0				11.7	56.9	17 300 *	26.3	63.9	19 900	40.5	69.2	18 400	51.1	71.8	16 900							38.0
40.0										34.3	66.5	17 200	46.1	70.0	15 800							40.0
42.0										26.9	63.2	16 200	40.6	67.9	14 800	50.8	70.0	13 600				42.0
44.0										16.7	58.2	15 200	34.4	65.3	14 000	45.8	68.2	12 700				44.0
46.0													27.0	61.9	13 200	40.3	66.1	12 000				46.0
48.0													17.0	57.0	12 500	34.1	63.4	11 400	45.1	66.0	10 300	48.0
50.0																26.6	60.0	10 700	39.6	63.8	9 700	50.0
52.0																			33.2	61.1	9 200	52.0
54.0																			25.6	57.5	8 700	54.0
56.0																			14.6	52.0	8 300	56.0

Liftcrane Luffing Jib Capacities

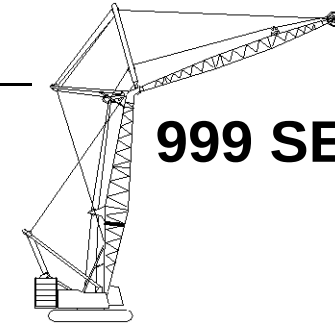
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.0	83.2	30 400 *b																			13.7
14.0	72.5	83.1	30 300 *b																			14.0
16.0	68.9	82.4	29 300 *b																			16.0
18.0	65.2	81.6	28 000 *																			18.0
20.0	61.3	80.6	26 800 *	69.3	82.1	29 700 *b																20.0
22.0	57.3	79.4	25 600 *	65.6	81.3	28 600 *																22.0
24.0	53.2	78.0	24 400 *	61.8	80.3	27 500 *																24.0
26.0	48.8	76.4	23 300 *	57.8	79.2	26 300 *	62.8	80.2	27 800 *													26.0
28.0	44.1	74.5	21 600 *	53.7	77.8	25 100 *	58.9	79.1	26 700 *													28.0
30.0	38.9	72.2	19 900 *	49.3	76.2	24 000 *	54.8	77.8	25 600 *													30.0
32.0	33.1	69.5	18 400 *	44.7	74.3	23 000 *	50.5	76.2	24 500 *	59.2	78.2	22 700										32.0
34.0	26.2	66.0	17 100 *	39.6	72.1	21 900 *	45.9	74.4	22 800	55.1	76.9	21 100										34.0
36.0	16.8	60.9	15 900 *	33.8	69.4	20 300 *	40.9	72.3	21 300	50.8	75.4	19 700										36.0
38.0				27.1	66.0	18 700 *	35.4	69.8	19 900	46.2	73.6	18 400										38.0
40.0				18.2	61.2	17 200 *	29.0	66.6	18 600	41.3	71.5	17 200	50.9	74.1	15 800							40.0
42.0							20.9	62.3	17 500	35.8	69.0	16 200	46.3	72.3	14 900							42.0
44.0										29.5	65.9	15 200	41.4	70.2	14 000							44.0
46.0										21.5	61.7	14 400	35.9	67.7	13 200	46.1	70.5	12 000				46.0
48.0													29.6	64.6	12 500	41.2	68.4	11 400				48.0
50.0													21.7	60.4	11 800	35.7	65.9	10 700				50.0
52.0																29.3	62.8	10 200	40.5	66.1	9 200	52.0
54.0																21.3	58.5	9 700	34.9	63.5	8 700	54.0
56.0																			28.4	60.3	8 300	56.0
58.0																			20.0	55.8	7 900	58.0

Liftcrane Luffing Jib Capacities

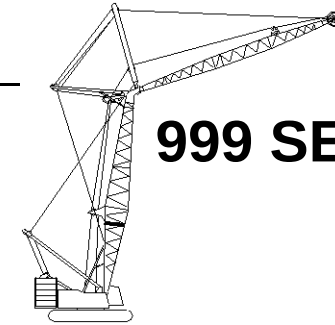
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

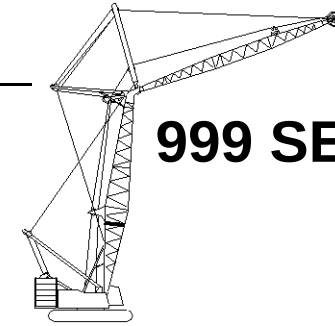
48.8m (160 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.5	86.4	24 800 *b																			13.7
14.0	74.0	86.3	24 700 *b																			14.0
16.0	70.7	85.7	24 100 *b																			16.0
18.0	67.3	84.9	23 500 *																			18.0
20.0	63.9	84.0	23 000 *																			20.0
22.0	60.4	83.0	21 900 *	67.7	84.6	24 100 *																22.0
24.0	56.7	81.7	20 800 *	64.3	83.7	23 400 *																24.0
26.0	52.8	80.3	19 900 *	60.8	82.7	22 400 *	65.2	83.6	23 500 *													26.0
28.0	48.8	78.7	18 900 *	57.1	81.5	21 300 *	61.7	82.6	22 600 *													28.0
30.0	44.5	76.8	18 100 *	53.3	80.1	20 300 *	58.1	81.4	21 600 *													30.0
32.0	39.8	74.6	17 300 *	49.3	78.5	19 400 *	54.3	80.1	20 600 *	62.0	81.7	22 300 *										32.0
34.0	34.7	72.0	16 300 *	45.0	76.7	18 500 *	50.4	78.5	19 700 *	58.4	80.5	20 900										34.0
36.0	28.7	68.7	15 200 *	40.4	74.5	17 700 *	46.2	76.8	18 800 *	54.6	79.2	19 500										36.0
38.0	21.3	64.4	14 300 *	35.3	71.9	16 900 *	41.6	74.7	18 000 *	50.6	77.7	18 200										38.0
40.0				29.4	68.8	16 300 *	36.7	72.2	17 200 *	46.5	75.9	17 100	54.7	77.9	15 600							40.0
42.0				22.3	64.6	15 700 *	31.1	69.2	16 600 *	42.0	73.9	16 000	50.7	76.4	14 700							42.0
44.0				11.4	58.0	14 300 *	24.3	65.4	16 000 *	37.1	71.4	15 100	46.6	74.6	13 800							44.0
46.0										31.5	68.5	14 300	42.1	72.6	13 000	50.5	74.6	11 800				46.0
48.0										24.8	64.8	13 500	37.2	70.1	12 300	46.4	72.8	11 200				48.0
50.0										15.8	59.4	12 800	31.6	67.2	11 700	41.9	70.8	10 600				50.0
52.0													25.0	63.5	11 100	36.9	68.3	10 000	45.8	70.6	9 000	52.0
54.0													16.0	58.2	10 500	31.3	65.4	9 500	41.3	68.5	8 500	54.0
56.0																24.6	61.6	9 000	36.2	66.0	8 100	56.0
58.0																			30.6	62.9	7 700	58.0
60.0																			23.7	59.0	7 300	60.0
62.0																			13.9	53.2	6 900	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

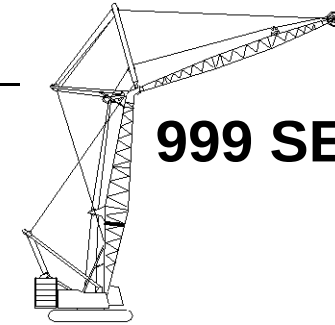
48.8m (160 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.7	89.6	23 200 *b																			13.7
14.0	75.2	89.5	23 100 *b																			14.0
16.0	72.2	88.9	22 600 *b																			16.0
18.0	69.2	88.2	22 100 *																			18.0
20.0	66.0	87.4	21 200 *																			20.0
22.0	62.8	86.4	20 200 *	69.5	87.9	22 300 *																22.0
24.0	59.5	85.3	19 300 *	66.4	87.1	21 500 *																24.0
26.0	56.1	84.1	18 400 *	63.2	86.2	20 600 *	67.2	86.9	21 600 *													26.0
28.0	52.6	82.6	17 500 *	59.9	85.1	19 700 *	64.1	86.0	20 800 *													28.0
30.0	48.8	81.0	16 700 *	56.5	83.8	18 800 *	60.8	85.0	19 900 *													30.0
32.0	44.9	79.1	15 900 *	53.0	82.4	17 900 *	57.4	83.8	19 000 *													32.0
34.0	40.6	77.0	15 200 *	49.3	80.8	17 100 *	53.9	82.4	18 200 *	61.0	84.1	19 700 *										34.0
36.0	35.9	74.4	14 500 *	45.3	79.0	16 300 *	50.3	80.8	17 400 *	57.7	82.9	19 000 *										36.0
38.0	30.6	71.4	13 800 *	41.1	76.8	15 600 *	46.4	79.1	16 600 *	54.2	81.5	18 100										38.0
40.0	24.4	67.5	13 000 *	36.5	74.3	14 900 *	42.2	77.0	15 900 *	50.5	80.0	16 900										40.0
42.0	16.0	62.1	12 300 *	31.3	71.4	14 300 *	37.7	74.6	15 200 *	46.7	78.2	15 900	54.2	80.2	14 500							42.0
44.0				25.2	67.7	13 700 *	32.7	71.8	14 500 *	42.5	76.2	15 000	50.6	78.7	13 700							44.0
46.0				17.2	62.5	13 200 *	26.9	68.3	13 900 *	38.1	73.8	14 200	46.7	76.9	12 900							46.0
48.0							19.6	63.6	13 400 *	33.1	71.0	13 400	42.6	74.9	12 200	50.4	76.9	11 000				48.0
50.0										27.4	67.6	12 700	38.2	72.5	11 600	46.6	75.1	10 400				50.0
52.0										20.2	63.1	12 000	33.2	69.8	11 000	42.4	73.1	9 900				52.0
54.0													27.5	66.3	10 400	38.0	70.7	9 400	46.1	72.9	8 400	54.0
56.0													20.3	61.8	9 900	33.0	67.9	8 900	41.9	70.8	8 000	56.0
58.0																27.2	64.5	8 500	37.4	68.4	7 600	58.0
60.0																20.0	59.9	8 000	32.3	65.5	7 200	60.0
62.0																			26.4	62.0	6 800	62.0
64.0																			18.9	57.2	6 500	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

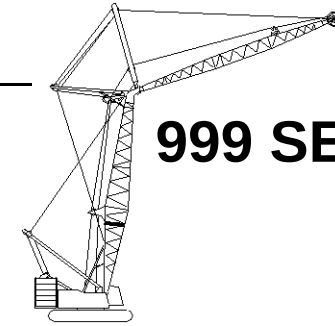
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.6	92.3	21 200 *b																			15.2
16.0	73.5	92.1	21 100 *b																			16.0
18.0	70.7	91.5	20 400 *																			18.0
20.0	67.9	90.7	19 500 *																			20.0
22.0	64.9	89.8	18 600 *																			22.0
24.0	61.9	88.8	17 700 *	68.2	90.4	19 800 *																24.0
26.0	58.8	87.7	16 800 *	65.3	89.5	18 900 *																26.0
28.0	55.6	86.4	16 000 *	62.3	88.6	18 000 *	66.0	89.4	19 000 *													28.0
30.0	52.3	84.9	15 200 *	59.2	87.4	17 200 *	63.1	88.4	18 200 *													30.0
32.0	48.8	83.3	14 400 *	56.0	86.2	16 300 *	60.0	87.3	17 400 *													32.0
34.0	45.2	81.4	13 700 *	52.7	84.7	15 500 *	56.9	86.1	16 600 *													34.0
36.0	41.2	79.3	13 000 *	49.3	83.1	14 800 *	53.6	84.7	15 800 *	60.2	86.4	17 200 *										36.0
38.0	37.0	76.8	12 400 *	45.6	81.3	14 000 *	50.2	83.1	15 000 *	57.1	85.2	16 500 *										38.0
40.0	32.3	73.9	11 800 *	41.7	79.2	13 300 *	46.6	81.4	14 300 *	53.8	83.8	15 800 *										40.0
42.0	26.8	70.4	11 300 *	37.5	76.8	12 700 *	42.8	79.3	13 600 *	50.4	82.3	15 100 *										42.0
44.0	20.0	65.8	10 800 *	32.8	73.9	12 100 *	38.6	77.0	12 900 *	46.8	80.5	14 400 *	53.9	82.5	13 500							44.0
46.0				27.5	70.5	11 500 *	34.1	74.3	12 300 *	43.0	78.5	13 700 *	50.5	81.0	12 700							46.0
48.0				20.9	66.0	11 000 *	29.0	71.0	11 800 *	38.9	76.2	13 100 *	46.9	79.2	12 000							48.0
50.0				11.3	59.1	10 700 *	22.8	66.9	11 200 *	34.4	73.5	12 500 *	43.1	77.2	11 400	50.3	79.2	10 200				50.0
52.0										29.4	70.3	11 900	39.0	74.9	10 800	46.7	77.4	9 700				52.0
54.0										23.3	66.3	11 300	34.5	72.2	10 300	42.9	75.4	9 200				54.0
56.0										15.1	60.5	10 700	29.5	69.0	9 700	38.8	73.1	8 700				56.0
58.0													23.4	65.0	9 200	34.3	70.4	8 300	42.4	73.1	7 400	58.0
60.0													15.3	59.3	8 800	29.2	67.2	7 900	38.3	70.8	7 000	60.0
62.0																23.1	63.1	7 500	33.7	68.0	6 700	62.0
64.0																14.9	57.3	7 100	28.5	64.7	6 300	64.0
66.0																			22.2	60.5	6 000	66.0
68.0																			13.5	54.3	5 700	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.7	95.5	19 800 *																			15.2
16.0	74.7	95.3	19 600 *																			16.0
18.0	72.1	94.7	18 900 *																			18.0
20.0	69.4	94.0	18 000 *																			20.0
22.0	66.7	93.2	17 200 *																			22.0
24.0	63.9	92.2	16 300 *																			24.0
26.0	61.1	91.2	15 500 *	67.0	92.9	17 400 *																26.0
28.0	58.2	90.0	14 600 *	64.3	92.0	16 600 *																28.0
30.0	55.2	88.7	13 900 *	61.4	90.9	15 800 *	65.0	91.8	16 700 *													30.0
32.0	52.1	87.2	13 200 *	58.6	89.8	15 000 *	62.2	90.8	16 000 *													32.0
34.0	48.8	85.6	12 400 *	55.6	88.5	14 200 *	59.3	89.7	15 200 *													34.0
36.0	45.4	83.7	11 800 *	52.5	87.0	13 500 *	56.4	88.4	14 400 *													36.0
38.0	41.8	81.6	11 200 *	49.2	85.4	12 700 *	53.3	87.0	13 700 *	59.5	88.8	15 100 *										38.0
40.0	37.9	79.2	10 600 *	45.8	83.6	12 100 *	50.1	85.4	13 000 *	56.6	87.5	14 400 *										40.0
42.0	33.6	76.5	10 000 *	42.2	81.5	11 400 *	46.7	83.7	12 300 *	53.5	86.1	13 700 *										42.0
44.0	28.7	73.2	9 500 *	38.4	79.2	10 800 *	43.2	81.7	11 700 *	50.3	84.6	13 100 *										44.0
46.0	23.0	69.0	9 100 *	34.1	76.4	10 300 *	39.4	79.4	11 100 *	47.0	82.8	12 400 *	53.6	84.8	12 700							46.0
48.0	15.4	63.3	8 700 *	29.3	73.2	9 700 *	35.3	76.8	10 500 *	43.5	80.8	11 800 *	50.4	83.3	12 000							48.0
50.0				23.7	69.2	9 300 *	30.7	73.7	9 900 *	39.7	78.6	11 100 *	47.0	81.5	11 300							50.0
52.0				16.4	63.7	8 900 *	25.3	69.9	9 400 *	35.6	76.0	10 600 *	43.5	79.5	10 700	50.2	81.5	9 700				52.0
54.0							18.6	64.9	9 000 *	31.0	72.9	10 100 *	39.7	77.3	10 200	46.9	79.7	9 200				54.0
56.0										25.7	69.2	9 600 *	35.6	74.7	9 700	43.4	77.8	8 700				56.0
58.0										19.1	64.4	9 100 *	31.1	71.7	9 200	39.6	75.5	8 300	46.5	77.5	7 300	58.0
60.0													25.8	68.0	8 800	35.5	72.9	7 900	42.9	75.5	7 000	60.0
62.0													19.3	63.2	8 400	30.9	69.8	7 500	39.1	73.2	6 600	62.0
64.0													9.0	55.2	8 000	25.6	66.1	7 100	34.9	70.5	6 300	64.0
66.0																18.9	61.2	6 800	30.2	67.4	6 000	66.0
68.0																			24.8	63.5	5 700	68.0
70.0																			17.9	58.4	5 400	70.0

Liftcrane Luffing Jib Capacities

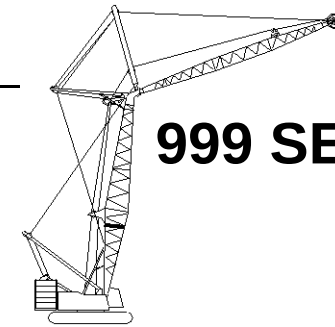
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

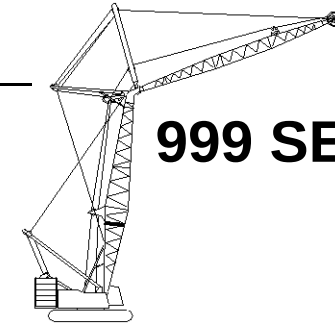
48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.7	98.2	17 900 *																			16.8
18.0	73.2	97.9	17 400 *																			18.0
20.0	70.7	97.2	16 500 *																			20.0
22.0	68.2	96.5	15 700 *																			22.0
24.0	65.7	95.6	14 900 *																			24.0
26.0	63.1	94.7	14 100 *	68.5	96.2	15 800 *																26.0
28.0	60.4	93.6	13 300 *	66.0	95.3	15 100 *																28.0
30.0	57.7	92.4	12 500 *	63.4	94.4	14 300 *	66.6	95.1	15 200 *													30.0
32.0	54.8	91.0	11 800 *	60.7	93.3	13 600 *	64.1	94.2	14 500 *													32.0
34.0	51.9	89.6	11 100 *	58.0	92.1	12 800 *	61.4	93.2	13 800 *													34.0
36.0	48.9	87.9	10 500 *	55.2	90.8	12 100 *	58.7	92.0	13 000 *													36.0
38.0	45.7	86.0	9 900 *	52.3	89.3	11 400 *	55.9	90.8	12 300 *													38.0
40.0	42.3	84.0	9 300 *	49.2	87.7	10 700 *	53.0	89.3	11 600 *	58.9	91.1	12 900 *										40.0
42.0	38.6	81.6	8 700 *	46.0	85.9	10 100 *	50.0	87.7	11 000 *	56.1	89.9	12 300 *										42.0
44.0	34.7	78.9	8 200 *	42.7	83.8	9 500 *	46.9	86.0	10 300 *	53.2	88.5	11 700 *										44.0
46.0	30.3	75.8	7 700 *	39.1	81.5	8 900 *	43.6	84.0	9 700 *	50.2	86.9	11 000 *	56.2	88.6	12 100 *							46.0
48.0	25.3	72.0	7 300 *	35.2	78.9	8 400 *	40.0	81.7	9 100 *	47.1	85.1	10 400 *	53.3	87.1	11 500 *							48.0
50.0	19.1	67.1	6 900 *	30.9	75.8	7 900 *	36.2	79.2	8 600 *	43.8	83.2	9 800 *	50.3	85.6	11 000 *							50.0
52.0				25.9	72.1	7 400 *	32.1	76.3	8 100 *	40.3	80.9	9 200 *	47.2	83.8	10 400 *							52.0
54.0				19.9	67.4	7 000 *	27.3	72.7	7 600 *	36.5	78.4	8 700 *	43.9	81.9	9 800 *	50.2	83.8	9 000				54.0
56.0				11.1	60.2	6 700 *	21.6	68.3	7 200 *	32.4	75.5	8 200 *	40.4	79.6	9 300 *	47.0	82.0	8 500				56.0
58.0										27.7	72.0	7 700 *	36.6	77.1	8 700 *	43.7	80.1	8 100				58.0
60.0										22.1	67.7	7 300 *	32.5	74.2	8 300 *	40.2	77.9	7 700	46.6	79.8	6 800	60.0
62.0										14.6	61.7	6 900 *	27.8	70.8	7 800 *	36.4	75.3	7 300	43.3	77.8	6 400	62.0
64.0													22.2	66.5	7 300 *	32.3	72.4	6 900	39.7	75.5	6 100	64.0
66.0													14.8	60.5	6 900 *	27.5	68.9	6 600	35.9	73.0	5 800	66.0
68.0																21.9	64.6	6 300	31.7	70.0	5 500	68.0
70.0																14.4	58.5	6 000	26.9	66.4	5 300	70.0
72.0																			21.1	61.9	5 000	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

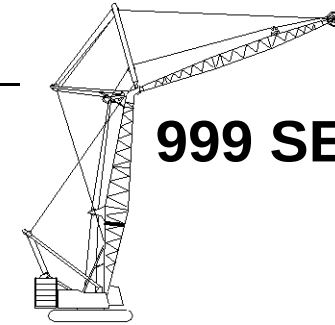
48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.6	101.4	16 400 *																			16.8
18.0	74.2	101.0	16 000 *																			18.0
20.0	71.9	100.4	15 300 *																			20.0
22.0	69.6	99.7	14 500 *																			22.0
24.0	67.2	98.9	13 700 *																			24.0
26.0	64.8	98.0	12 900 *	69.8	99.4	14 600 *																26.0
28.0	62.3	97.1	12 200 *	67.5	98.6	13 900 *																28.0
30.0	59.8	95.9	11 500 *	65.1	97.8	13 100 *																30.0
32.0	57.2	94.7	10 800 *	62.6	96.8	12 400 *	65.7	97.6	13 200 *													32.0
34.0	54.5	93.4	10 100 *	60.1	95.7	11 700 *	63.2	96.6	12 500 *													34.0
36.0	51.7	91.9	9 500 *	57.5	94.5	11 000 *	60.7	95.6	11 900 *													36.0
38.0	48.9	90.2	8 900 *	54.8	93.1	10 300 *	58.2	94.4	11 200 *													38.0
40.0	45.9	88.4	8 300 *	52.1	91.7	9 700 *	55.5	93.1	10 500 *	60.9	94.7	11 800 *										40.0
42.0	42.7	86.3	7 800 *	49.2	90.0	9 100 *	52.8	91.6	9 900 *	58.3	93.5	11 200 *										42.0
44.0	39.3	84.0	7 300 *	46.2	88.2	8 500 *	50.0	90.0	9 300 *	55.7	92.2	10 500 *										44.0
46.0	35.7	81.4	6 800 *	43.1	86.2	8 000 *	47.0	88.3	8 700 *	53.0	90.8	9 900 *										46.0
48.0	31.7	78.4	6 400 *	39.7	83.9	7 500 *	43.9	86.3	8 100 *	50.2	89.2	9 300 *	55.8	90.9	10 400 *							48.0
50.0	27.2	74.9	6 000 *	36.1	81.3	7 000 *	40.6	84.1	7 600 *	47.2	87.4	8 800 *	53.0	89.5	9 900 *							50.0
52.0	21.9	70.5	5 500 *	32.2	78.4	6 500 *	37.1	81.6	7 100 *	44.1	85.5	8 200 *	50.2	87.9	9 300 *							52.0
54.0	14.8	64.4	5 000 *	27.8	74.9	6 100 *	33.3	78.8	6 700 *	40.9	83.3	7 700 *	47.3	86.1	8 800 *							54.0
56.0				22.6	70.7	5 600 *	29.0	75.5	6 200 *	37.3	80.8	7 200 *	44.2	84.2	8 200 *	50.1	86.1	8 400				56.0
58.0				15.8	64.9	5 100 *	24.0	71.5	5 700 *	33.5	78.0	6 700 *	40.9	82.0	7 700 *	47.1	84.4	8 000				58.0
60.0							17.8	66.2	5 300 *	29.3	74.7	6 300 *	37.4	79.5	7 300 *	44.0	82.4	7 600				60.0
62.0										24.4	70.8	5 800 *	33.6	76.7	6 800 *	40.8	80.2	7 200				62.0
64.0										18.3	65.7	5 300 *	29.4	73.5	6 300 *	37.3	77.7	6 800	43.6	80.1	6 000	64.0
66.0													24.5	69.5	5 900 *	33.4	74.9	6 500	40.3	77.9	5 700	66.0
68.0													18.5	64.5	5 300 *	29.2	71.6	6 200	36.8	75.4	5 400	68.0
70.0													9.2	56.3	4 900 *	24.2	67.6	5 900	32.9	72.5	5 100	70.0
72.0																18.1	62.5	5 300 *	28.6	69.1	4 900	72.0
76.0																			17.2	59.7	4 400	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

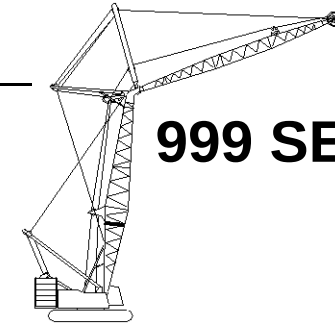
51.8m (170 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	58.3	72.4	40 500 *b																			15.2
16.0	55.8	71.9	39 800 *b																			16.0
18.0	49.1	70.3	38 000 *b																			18.0
20.0	41.5	68.4	34 800 *	57.4	71.8	40 600 *b																20.0
22.0	32.6	65.7	31 000 *	50.8	70.3	37 100 *b	59.6	71.8	39 100 b													22.0
24.0	20.5	61.7	26 300 *	43.5	68.5	33 500 *	53.1	70.4	35 100 b													24.0
26.0				35.0	66.0	30 500 *	46.1	68.7	31 800	60.8	71.0	29 400 b										26.0
28.0				24.1	62.5	27 800 *	38.0	66.5	29 100	54.5	69.7	26 800 b										28.0
30.0							28.2	63.5	26 700	47.5	68.1	24 700										30.0
32.0							12.8	58.1	24 600	39.8	66.0	22 800	55.4	68.5	20 900 b							32.0
34.0										30.4	63.1	21 100	48.6	66.9	19 400 b							34.0
36.0										17.0	58.6	19 700	41.0	64.9	18 100							36.0
38.0													31.9	62.2	16 900							38.0
40.0													19.5	58.0	15 800							40.0
42.0																41.6	63.3	14 400				42.0
																32.7	60.7	13 500				
44.0																20.7	56.7	12 700	41.5	61.1	11 500	44.0
46.0																			32.6	58.5	10 800	46.0
48.0																			20.6	54.5	10 200	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

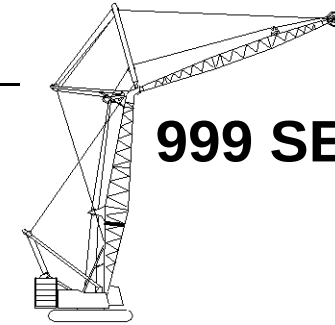
51.8m (170 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	62.6	75.9	37 500 *b																			15.2
16.0	60.6	75.5	36 800 *b																			16.0
18.0	55.0	74.2	35 000 *																			18.0
20.0	49.0	72.6	33 200 *	61.9	75.3	38 100 *b																20.0
22.0	42.5	70.7	30 300 *	56.4	74.1	36 200 *b	63.7	75.2	38 100 b													22.0
24.0	35.0	68.2	27 600 *	50.6	72.6	33 400 *	58.3	74.1	35 100 b													24.0
26.0	25.6	64.8	25 200 *	44.2	70.8	30 300 *	52.6	72.7	31 700													26.0
28.0				37.0	68.5	27 800 *	46.4	71.0	28 900	59.4	73.3	26 700 b										28.0
30.0				28.2	65.3	25 600 *	39.5	68.9	26 600	53.8	72.0	24 500										30.0
32.0				15.6	60.4	23 200 *	31.4	66.1	24 600	47.7	70.4	22 600										32.0
34.0							20.7	62.0	22 800	41.0	68.3	21 000	54.6	70.8	19 200							34.0
36.0										33.2	65.7	19 600	48.7	69.2	17 900							36.0
38.0										23.3	62.0	18 200	42.0	67.2	16 700							38.0
40.0													34.4	64.7	15 700	49.1	67.6	14 200				40.0
42.0													24.9	61.2	14 700	42.6	65.6	13 300				42.0
44.0													8.6	54.6	13 800	35.1	63.1	12 500				44.0
46.0																25.8	59.7	11 800				46.0
48.0																			42.5	63.5	10 700	48.0
50.0																			35.0	61.0	10 100	50.0
																			25.7	57.6	9 500	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

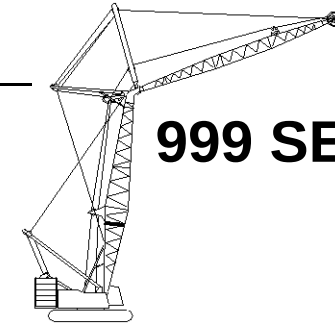
51.8m (170 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	69.3	79.9	34 700 *b																			13.7
14.0	68.7	79.8	34 600 *b																			14.0
16.0	64.1	78.9	33 300 *b																			16.0
18.0	59.4	77.8	31 700 *																			18.0
20.0	54.4	76.5	30 200 *	65.3	78.7	34 300 *b																20.0
22.0	49.0	74.9	28 700 *	60.6	77.7	32 800 *b																22.0
24.0	43.2	73.0	26 600 *	55.6	76.5	31 400 *	62.2	77.6	33 400 *b													24.0
26.0	36.7	70.6	24 300 *	50.4	74.9	30 000 *	57.3	76.5	31 600													26.0
28.0	29.0	67.5	22 300 *	44.8	73.1	27 600 *	52.2	75.1	28 800													28.0
30.0	18.7	63.0	20 200 *	38.5	70.9	25 400 *	46.7	73.3	26 500	58.3	75.7	24 400										30.0
32.0				31.1	68.0	23 500 *	40.7	71.3	24 500	53.3	74.3	22 500										32.0
34.0				21.7	64.0	21 800 *	33.8	68.6	22 700	47.9	72.7	20 900										34.0
36.0							25.3	65.1	21 200	41.9	70.7	19 500	54.0	73.1	17 800							36.0
38.0							12.3	59.2	19 800	35.2	68.2	18 200	48.7	71.5	16 600							38.0
40.0										27.2	64.9	17 100	42.9	69.6	15 500							40.0
42.0										15.7	59.8	16 000	36.3	67.2	14 600	49.1	69.9	13 200				42.0
44.0													28.5	64.0	13 800	43.3	68.0	12 500				44.0
46.0													17.9	59.3	12 900	36.8	65.6	11 700				46.0
48.0																29.2	62.5	11 100	43.3	65.8	10 000	48.0
50.0																18.9	58.0	10 500	36.8	63.4	9 400	50.0
52.0																			29.1	60.3	8 900	52.0
54.0																			18.8	55.8	8 400	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	71.4	83.1	32 000 *b																			13.7
14.0	70.9	83.0	31 900 *b																			14.0
16.0	66.9	82.2	31 100 *b																			16.0
18.0	62.7	81.3	29 400 *																			18.0
20.0	58.4	80.2	28 000 *	67.9	82.0	31 800 *b																20.0
22.0	53.8	78.8	26 600 *	63.8	81.1	30 400 *b																22.0
24.0	49.0	77.2	25 200 *	59.5	80.1	29 000 *	65.2	81.0	30 900 *													24.0
26.0	43.8	75.3	23 400 *	55.0	78.8	27 600 *	60.9	80.0	29 600 *													26.0
28.0	38.1	73.0	21 500 *	50.3	77.2	26 400 *	56.5	78.8	28 300 *													28.0
30.0	31.5	70.2	19 800 *	45.2	75.4	25 100 *	51.9	77.4	26 400 *													30.0
32.0	23.4	66.3	18 300 *	39.6	73.2	23 400 *	47.0	75.6	24 400 *	57.4	78.0	22 300 *										32.0
34.0				33.3	70.5	21 700 *	41.6	73.6	22 600 *	52.9	76.6	20 700 *										34.0
36.0				25.6	67.0	20 100 *	35.5	71.1	21 100 *	48.0	75.0	19 300 *										36.0
38.0				14.7	61.5	18 400 *	28.4	67.9	19 700 *	42.7	73.0	18 000 *	53.5	75.4	16 400 *							38.0
40.0							19.1	63.3	18 500 *	36.8	70.6	16 900 *	48.7	73.8	15 400 *							40.0
42.0										30.0	67.6	15 900 *	43.5	71.9	14 400 *							42.0
44.0										21.3	63.4	15 000 *	37.7	69.6	13 600 *	49.1	72.2	12 300 *				44.0
46.0													31.1	66.6	12 800 *	43.9	70.3	11 600 *				46.0
48.0													22.7	62.7	12 100 *	38.2	68.0	10 900 *				48.0
50.0													8.9	55.7	11 400 *	31.6	65.1	10 300 *	43.9	68.1	9 200 *	50.0
52.0																23.5	61.3	9 700 *	38.1	65.8	8 700 *	52.0
54.0																			31.6	62.9	8 200 *	54.0
56.0																			23.4	59.1	7 800 *	56.0

Liftcrane Luffing Jib Capacities

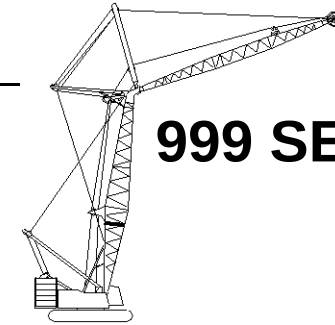
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

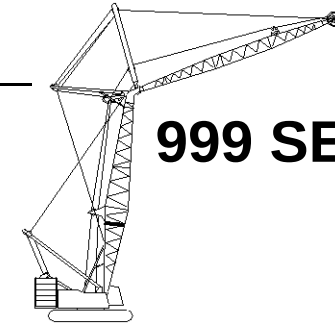
51.8m (170 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.2	86.3	25 900 *b																			13.7
14.0	72.7	86.2	25 800 *b																			14.0
16.0	69.1	85.5	25 200 *b																			16.0
18.0	65.4	84.7	24 600 *																			18.0
20.0	61.5	83.7	24 000 *	70.0	85.3	25 900 *b																20.0
22.0	57.6	82.5	23 400 *	66.3	84.5	25 400 *																22.0
24.0	53.4	81.1	22 500 *	62.5	83.5	25 000 *																24.0
26.0	49.0	79.5	21 500 *	58.6	82.4	24 300 *	63.8	83.5	25 100 *													26.0
28.0	44.3	77.7	20 500 *	54.5	81.1	23 200 *	59.9	82.4	24 700 *													28.0
30.0	39.2	75.4	18 900 *	50.2	79.5	22 200 *	55.9	81.1	23 600 *													30.0
32.0	33.4	72.7	17 600 *	45.5	77.7	21 300 *	51.7	79.7	22 600 *	60.7	81.6	22 300										32.0
34.0	26.6	69.2	16 400 *	40.5	75.6	20 400 *	47.1	77.9	21 700 *	56.7	80.4	20 700										34.0
36.0	17.5	64.3	15 400 *	35.0	73.0	19 700 *	42.3	75.9	20 900	52.5	78.9	19 300										36.0
38.0				28.4	69.8	19 000 *	36.9	73.5	19 700	48.1	77.3	18 000										38.0
40.0				20.1	65.3	17 700 *	30.8	70.5	18 500	43.3	75.3	16 900	53.1	77.7	15 400							40.0
42.0							23.3	66.6	17 400	38.0	73.0	15 900	48.7	76.1	14 400							42.0
44.0							11.9	60.3	16 300	32.1	70.1	15 000	44.0	74.2	13 600							44.0
46.0										24.9	66.5	14 100	38.9	71.9	12 800	49.1	74.5	11 600				46.0
48.0										14.9	60.9	13 400	33.0	69.2	12 100	44.4	72.6	10 900				48.0
50.0													26.1	65.7	11 500	39.3	70.4	10 300				50.0
52.0													16.7	60.6	10 900	33.5	67.6	9 800	44.4	70.4	8 700	52.0
54.0																26.7	64.2	9 300	39.2	68.2	8 200	54.0
56.0																17.6	59.3	8 800	33.5	65.5	7 800	56.0
58.0																			26.6	62.0	7 400	58.0
60.0																			17.5	57.1	7 000	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

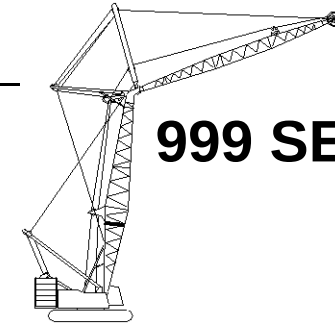
51.8m (170 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.6	89.5	24 400 *b																			13.7
14.0	74.2	89.4	24 300 *b																			14.0
16.0	70.9	88.8	23 700 *b																			16.0
18.0	67.5	88.0	23 200 *																			18.0
20.0	64.1	87.1	22 700 *																			20.0
22.0	60.6	86.1	21 800 *	68.4	87.8	23 700 *																22.0
24.0	56.9	84.9	20 800 *	65.0	86.9	23 300 *																24.0
26.0	53.1	83.5	19 900 *	61.5	85.9	22 400 *	66.1	86.8	23 300 *													26.0
28.0	49.0	81.8	18 900 *	57.8	84.8	21 400 *	62.7	85.9	22 700 *													28.0
30.0	44.7	80.0	18 100 *	54.0	83.4	20 400 *	59.1	84.7	21 800 *													30.0
32.0	40.1	77.8	17 000 *	50.1	81.8	19 500 *	55.3	83.5	20 900 *													32.0
34.0	34.9	75.2	15 800 *	45.8	80.0	18 600 *	51.4	82.0	19 900 *	59.8	83.9	20 500										34.0
36.0	29.0	72.0	14 800 *	41.3	77.9	17 800 *	47.3	80.3	19 100 *	56.1	82.7	19 100										36.0
38.0	21.7	67.7	13 900 *	36.3	75.5	17 100 *	42.9	78.3	18 200 *	52.2	81.2	17 800										38.0
40.0				30.6	72.4	16 400 *	38.0	75.9	17 500 *	48.2	79.6	16 700	56.6	81.5	15 100							40.0
42.0				23.7	68.5	15 800 *	32.6	73.1	16 800 *	43.8	77.6	15 700	52.8	80.1	14 200							42.0
44.0				14.1	62.7	14 800 *	26.3	69.5	16 200 *	39.1	75.4	14 800	48.8	78.4	13 400							44.0
46.0							17.9	64.6	15 300	33.8	72.7	14 000	44.5	76.5	12 600							46.0
48.0										27.6	69.3	13 200	39.8	74.3	11 900	49.1	76.8	10 700				48.0
50.0										19.9	64.8	12 500	34.6	71.7	11 300	44.8	74.9	10 100				50.0
52.0													28.6	68.4	10 700	40.2	72.7	9 600				52.0
54.0													21.2	64.1	10 200	35.0	70.1	9 100	44.8	72.7	8 100	54.0
56.0													9.2	56.7	9 600	29.1	66.9	8 600	40.1	70.6	7 700	56.0
58.0																21.8	62.7	8 200	35.0	68.0	7 200	58.0
60.0																			29.1	64.8	6 900	60.0
62.0																			21.7	60.5	6 500	62.0
64.0																			10.4	53.6	6 200	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.8	92.6	22 800 *b																			13.7
14.0	75.4	92.6	22 700 *b																			14.0
16.0	72.4	92.0	22 200 *b																			16.0
18.0	69.3	91.3	21 700 *																			18.0
20.0	66.2	90.5	21 100 *																			20.0
22.0	63.0	89.5	20 100 *																			22.0
24.0	59.7	88.4	19 200 *	67.0	90.3	21 500 *																24.0
26.0	56.3	87.2	18 300 *	63.8	89.4	20 600 *																26.0
28.0	52.8	85.8	17 500 *	60.6	88.3	19 800 *	64.9	89.3	20 900 *													28.0
30.0	49.0	84.1	16 700 *	57.2	87.1	18 900 *	61.7	88.2	20 000 *													30.0
32.0	45.1	82.3	16 000 *	53.7	85.7	18 000 *	58.3	87.1	19 200 *													32.0
34.0	40.8	80.1	15 200 *	50.0	84.2	17 200 *	54.9	85.8	18 400 *													34.0
36.0	36.2	77.6	14 300 *	46.1	82.4	16 500 *	51.2	84.3	17 600 *	59.0	86.3	18 900										36.0
38.0	30.9	74.6	13 400 *	41.9	80.3	15 700 *	47.4	82.6	16 800 *	55.6	85.0	17 700										38.0
40.0	24.8	70.8	12 600 *	37.4	77.9	15 000 *	43.4	80.6	16 100 *	52.0	83.6	16 600										40.0
42.0	16.6	65.5	12 000 *	32.3	75.0	14 400 *	39.0	78.3	15 400 *	48.2	81.9	15 600	56.1	83.8	14 100							42.0
44.0				26.4	71.4	13 800 *	34.1	75.6	14 700 *	44.2	80.0	14 700	52.5	82.4	13 300							44.0
46.0				18.9	66.7	13 400 *	28.6	72.3	14 200 *	39.9	77.7	13 900	48.8	80.7	12 500							46.0
48.0							21.8	68.1	13 600 *	35.1	75.1	13 100	44.8	78.8	11 900							48.0
50.0							11.7	61.4	13 000 *	29.7	72.0	12 400	40.5	76.7	11 200	49.1	79.1	10 000				50.0
52.0										23.3	68.0	11 800	35.9	74.1	10 600	45.1	77.2	9 500				52.0
54.0										14.3	62.1	11 200	30.6	71.1	10 100	40.9	75.1	9 000				54.0
56.0													24.3	67.2	9 600	36.2	72.6	8 500	45.1	75.1	7 500	56.0
58.0													15.9	61.8	9 100	31.0	69.6	8 100	40.8	72.9	7 100	58.0
60.0																24.8	65.8	7 700	36.2	70.4	6 800	60.0
62.0																16.7	60.5	7 300	31.0	67.4	6 400	62.0
64.0																			24.8	63.6	6 100	64.0
66.0																			16.6	58.3	5 800	66.0

Liftcrane Luffing Jib Capacities

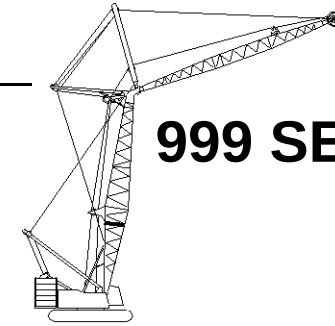
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

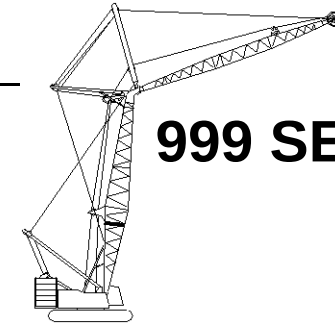
51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.8	95.4	20 900 *b																			15.2
16.0	73.7	95.2	20 700 *b																			16.0
18.0	70.9	94.5	20 200 *																			18.0
20.0	68.0	93.8	19 400 *																			20.0
22.0	65.1	92.9	18 500 *																			22.0
24.0	62.1	91.9	17 600 *	68.7	93.6	19 800 *																24.0
26.0	59.0	90.8	16 800 *	65.8	92.7	18 900 *																26.0
28.0	55.8	89.5	16 000 *	62.8	91.8	18 100 *	66.8	92.6	19 000 *													28.0
30.0	52.5	88.1	15 200 *	59.8	90.7	17 300 *	63.9	91.7	18 300 *													30.0
32.0	49.0	86.4	14 500 *	56.6	89.4	16 500 *	60.8	90.6	17 600 *													32.0
34.0	45.4	84.6	13 700 *	53.3	88.0	15 600 *	57.7	89.4	16 800 *													34.0
36.0	41.5	82.5	13 100 *	49.9	86.5	14 900 *	54.5	88.1	16 000 *	61.4	89.8	17 400 *										36.0
38.0	37.2	80.0	12 500 *	46.3	84.7	14 200 *	51.1	86.6	15 200 *	58.3	88.7	16 700 *										38.0
40.0	32.5	77.2	11 900 *	42.5	82.6	13 500 *	47.5	84.9	14 500 *	55.1	87.3	16 100 *										40.0
42.0	27.1	73.7	11 300 *	38.3	80.3	12 800 *	43.8	82.9	13 800 *	51.8	85.9	15 400										42.0
44.0	20.5	69.1	10 800 *	33.7	77.5	12 200 *	39.8	80.7	13 200 *	48.3	84.2	14 500	55.6	86.1	13 100							44.0
46.0				28.6	74.2	11 700 *	35.4	78.1	12 500 *	44.6	82.3	13 700	52.3	84.7	12 300							46.0
48.0				22.3	70.0	11 100 *	30.4	75.0	11 900 *	40.6	80.1	13 000	48.8	83.0	11 700							48.0
50.0				13.6	63.8	10 700 *	24.6	71.1	11 400 *	36.3	77.6	12 300	45.1	81.2	11 000							50.0
52.0							17.0	65.9	10 900 *	31.5	74.6	11 600	41.2	79.0	10 500	49.1	81.4	9 300				52.0
54.0										25.8	70.9	11 100	36.9	76.6	9 900	45.4	79.5	8 800				54.0
56.0										18.8	66.1	10 500	32.2	73.7	9 400	41.5	77.4	8 300				56.0
58.0													26.7	70.1	9 000	37.3	75.0	7 900	45.4	77.4	6 900	58.0
60.0													20.0	65.5	8 500	32.6	72.1	7 500	41.5	75.2	6 600	60.0
62.0													9.3	57.8	8 100	27.2	68.6	7 200	37.2	72.8	6 200	62.0
64.0																20.6	64.1	6 800	32.5	69.9	5 900	64.0
66.0																			27.1	66.5	5 600	66.0
68.0																			20.5	61.9	5 300	68.0
70.0																			10.4	54.7	5 000	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

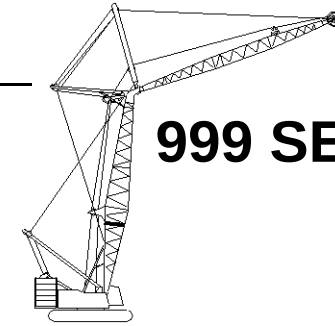
51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.8	98.5	19 500 *																			15.2
16.0	74.8	98.3	19 300 *																			16.0
18.0	72.2	97.7	18 800 *																			18.0
20.0	69.5	97.1	17 900 *																			20.0
22.0	66.8	96.3	17 100 *																			22.0
24.0	64.1	95.3	16 300 *																			24.0
26.0	61.3	94.3	15 500 *	67.5	96.1	17 400 *																26.0
28.0	58.4	93.1	14 600 *	64.8	95.2	16 600 *																28.0
30.0	55.4	91.8	13 900 *	62.0	94.2	15 900 *	65.7	95.0	16 800 *													30.0
32.0	52.3	90.4	13 200 *	59.1	93.0	15 100 *	62.9	94.1	16 100 *													32.0
34.0	49.0	88.7	12 500 *	56.1	91.8	14 300 *	60.1	93.0	15 300 *													34.0
36.0	45.6	86.9	11 800 *	53.1	90.3	13 600 *	57.1	91.8	14 600 *													36.0
38.0	42.0	84.8	11 200 *	49.8	88.8	12 900 *	54.1	90.4	13 900 *	60.7	92.2	15 200 *										38.0
40.0	38.1	82.4	10 600 *	46.5	87.0	12 200 *	51.0	88.9	13 200 *	57.7	91.0	14 600 *										40.0
42.0	33.8	79.7	10 100 *	42.9	84.9	11 600 *	47.6	87.2	12 500 *	54.7	89.7	14 000 *										42.0
44.0	29.0	76.4	9 600 *	39.1	82.6	11 000 *	44.2	85.2	11 900 *	51.6	88.2	13 400 *										44.0
46.0	23.3	72.3	9 100 *	34.9	80.0	10 400 *	40.4	83.0	11 300 *	48.3	86.5	12 700 *	55.2	88.4	12 300							46.0
48.0	15.8	66.7	8 700 *	30.3	76.9	9 900 *	36.4	80.5	10 700 *	44.9	84.6	12 100 *	52.1	87.0	11 600							48.0
50.0				24.9	73.0	9 400 *	31.9	77.5	10 100 *	41.2	82.4	11 400 *	48.8	85.3	11 000							50.0
52.0				18.0	67.9	8 900 *	26.8	74.0	9 600 *	37.2	80.0	10 900 *	45.4	83.5	10 400	52.3	85.3	9 200				52.0
54.0							20.6	69.4	9 200 *	32.9	77.1	10 300 *	41.8	81.4	9 900	49.1	83.7	8 700				54.0
56.0							11.5	62.5	8 800 *	27.9	73.7	9 800 *	37.8	79.0	9 400	45.7	81.8	8 300				56.0
58.0										22.0	69.4	9 300 *	33.5	76.2	8 900	42.0	79.7	7 900				58.0
60.0										13.8	63.2	8 900 *	28.7	72.9	8 500	38.1	77.4	7 500	45.6	79.7	6 500	60.0
62.0													22.9	68.7	8 100	33.9	74.6	7 100	42.0	77.6	6 200	62.0
64.0													15.3	62.9	7 700	29.1	71.4	6 800	38.1	75.2	5 900	64.0
66.0																23.4	67.3	6 500	33.8	72.5	5 600	66.0
68.0																16.0	61.7	6 200	29.0	69.2	5 300	68.0
70.0																			23.4	65.1	5 000	70.0
72.0																			15.9	59.5	4 800	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

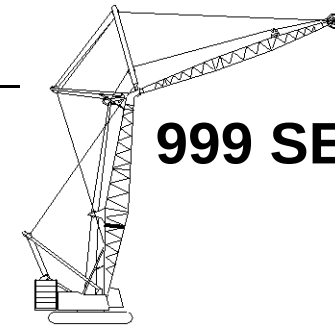
51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.8	101.3	17 800 *																			16.8
18.0	73.3	100.9	17 300 *																			18.0
20.0	70.9	100.3	16 400 *																			20.0
22.0	68.4	99.6	15 600 *																			22.0
24.0	65.8	98.7	14 800 *																			24.0
26.0	63.2	97.8	14 100 *	69.0	99.3	15 900 *																26.0
28.0	60.5	96.7	13 300 *	66.5	98.5	15 200 *																28.0
30.0	57.8	95.5	12 600 *	63.9	97.6	14 400 *																30.0
32.0	55.0	94.2	11 900 *	61.2	96.5	13 700 *	64.8	97.5	14 600 *													32.0
34.0	52.1	92.7	11 200 *	58.5	95.4	12 900 *	62.1	96.5	13 900 *													34.0
36.0	49.0	91.0	10 500 *	55.7	94.1	12 200 *	59.4	95.4	13 200 *													36.0
38.0	45.8	89.2	9 900 *	52.8	92.7	11 500 *	56.7	94.1	12 500 *													38.0
40.0	42.5	87.1	9 300 *	49.8	91.1	10 900 *	53.8	92.7	11 800 *	60.0	94.6	13 100 *										40.0
42.0	38.8	84.8	8 800 *	46.6	89.3	10 200 *	50.8	91.2	11 100 *	57.2	93.3	12 500 *										42.0
44.0	34.9	82.1	8 300 *	43.3	87.3	9 600 *	47.7	89.5	10 500 *	54.4	92.0	11 900 *										44.0
46.0	30.6	79.0	7 800 *	39.8	85.0	9 100 *	44.5	87.5	9 900 *	51.4	90.5	11 300 *	57.6	92.1	12 100							46.0
48.0	25.6	75.3	7 400 *	35.9	82.4	8 500 *	41.0	85.4	9 300 *	48.4	88.8	10 700 *	54.8	90.8	11 400							48.0
50.0	19.5	70.5	7 000 *	31.7	79.5	8 000 *	37.3	82.9	8 800 *	45.1	86.9	10 100 *	51.9	89.3	10 800							50.0
52.0				26.9	75.9	7 600 *	33.2	80.1	8 200 *	41.7	84.8	9 500 *	48.8	87.6	10 200							52.0
54.0				21.2	71.4	7 200 *	28.6	76.7	7 800 *	38.1	82.4	8 900 *	45.6	85.8	9 700							54.0
56.0				13.2	64.9	6 800 *	23.3	72.6	7 300 *	34.1	79.6	8 400 *	42.2	83.7	9 200	49.1	86.0	8 100				56.0
58.0							16.3	67.1	7 000 *	29.6	76.4	8 000 *	38.6	81.3	8 800	45.9	84.1	7 700				58.0
60.0										24.4	72.5	7 500 *	34.7	78.7	8 300	42.5	82.1	7 300				60.0
62.0										17.9	67.3	7 100 *	30.3	75.5	7 900	38.9	79.8	7 000	45.8	82.0	6 000	62.0
64.0										7.0	58.3	6 800 *	25.2	71.7	7 600	35.0	77.1	6 600	42.5	79.9	5 700	64.0
66.0													19.0	66.8	7 200 *	30.6	74.0	6 300	38.9	77.6	5 400	66.0
68.0													9.4	58.9	6 900 *	25.7	70.3	6 000	34.9	74.9	5 100	68.0
70.0																19.6	65.5	5 700	30.6	71.8	4 900	70.0
72.0																			25.6	68.1	4 600	72.0
76.0																			10.4	55.8	4 200	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

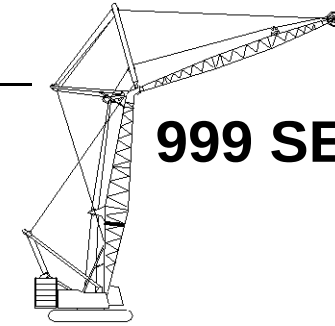
51.8m (170 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.8	104.4	16 100 *																			16.8
18.0	74.3	104.1	15 900 *																			18.0
20.0	72.0	103.5	15 200 *																			20.0
22.0	69.7	102.8	14 400 *																			22.0
24.0	67.3	102.0	13 700 *																			24.0
26.0	64.9	101.1	12 900 *	70.3	102.6	14 600 *																26.0
28.0	62.4	100.2	12 200 *	67.9	101.8	13 900 *																28.0
30.0	59.9	99.1	11 500 *	65.5	101.0	13 200 *																30.0
32.0	57.3	97.8	10 800 *	63.1	100.0	12 500 *	66.3	100.8	13 300 *													32.0
34.0	54.6	96.5	10 100 *	60.5	98.9	11 800 *	63.9	99.9	12 700 *													34.0
36.0	51.9	95.0	9 500 *	58.0	97.7	11 100 *	61.4	98.9	12 000 *													36.0
38.0	49.0	93.3	9 000 *	55.3	96.4	10 500 *	58.9	97.7	11 400 *													38.0
40.0	46.0	91.5	8 400 *	52.6	95.0	9 900 *	56.2	96.4	10 700 *	61.9	98.0	11 900 *										40.0
42.0	42.9	89.5	7 800 *	49.7	93.4	9 200 *	53.5	95.0	10 100 *	59.4	96.9	11 400 *										42.0
44.0	39.5	87.2	7 300 *	46.8	91.6	8 700 *	50.7	93.5	9 500 *	56.8	95.7	10 800 *										44.0
46.0	35.9	84.6	6 900 *	43.7	89.6	8 100 *	47.8	91.8	8 900 *	54.1	94.3	10 200 *										46.0
48.0	31.9	81.6	6 400 *	40.4	87.4	7 600 *	44.7	89.8	8 300 *	51.3	92.8	9 600 *										48.0
50.0	27.4	78.1	6 000 *	36.8	84.9	7 100 *	41.5	87.7	7 800 *	48.4	91.1	9 100 *	54.5	93.1	10 100 *							50.0
52.0	22.2	73.8	5 500 *	33.0	82.0	6 600 *	38.1	85.3	7 300 *	45.4	89.2	8 500 *	51.7	91.6	9 600 *							52.0
54.0	15.3	67.9	5 100 *	28.6	78.6	6 200 *	34.3	82.6	6 800 *	42.2	87.1	8 000 *	48.8	89.9	9 100 *							54.0
56.0				23.6	74.6	5 700 *	30.2	79.4	6 400 *	38.8	84.8	7 500 *	45.8	88.1	8 500 *							56.0
58.0				17.3	69.2	5 200 *	25.4	75.6	5 900 *	35.1	82.1	7 000 *	42.7	86.0	8 000 *	49.1	88.3	7 600				58.0
60.0							19.6	70.8	5 400 *	31.0	79.0	6 500 *	39.3	83.7	7 500 *	46.1	86.4	7 200				60.0
62.0							11.3	63.6	4 900 *	26.4	75.4	6 100 *	35.6	81.1	7 100 *	42.9	84.4	6 800				62.0
64.0										20.9	70.8	5 500 *	31.6	78.1	6 600 *	39.5	82.1	6 500	46.0	84.3	5 600	64.0
66.0										13.4	64.4	5 100 *	27.1	74.6	6 200 *	35.9	79.5	6 200	42.9	82.2	5 300	66.0
68.0													21.8	70.2	5 600 *	32.0	76.6	5 900	39.5	80.0	5 000	68.0
70.0													14.7	64.1	5 100 *	27.5	73.1	5 600	35.9	77.4	4 800	70.0
72.0																22.3	68.8	5 300	31.9	74.4	4 500	72.0
76.0																			22.2	66.6	4 100	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

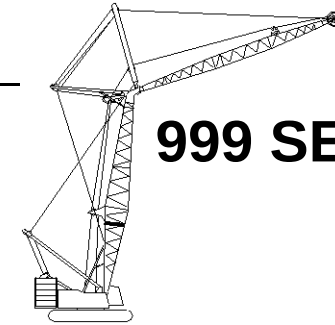
54.9m (180 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	58.6	75.5	39 700 *b																			15.2
16.0	56.2	75.0	39 100 *b																			16.0
18.0	49.4	73.5	36 600 *b																			18.0
20.0	41.9	71.5	33 300 *	58.6	75.0	39 400 *b																20.0
22.0	33.1	68.9	29 900 *	52.1	73.7	35 500 *b																22.0
24.0	21.3	65.0	26 300 *	44.9	71.9	32 000 *	54.9	73.8	34 800 *b													24.0
26.0				36.7	69.6	29 200 *	48.0	72.2	31 500 b													26.0
28.0				26.4	66.3	26 700 *	40.3	70.2	28 800	57.0	73.2	26 400 b										28.0
30.0							31.1	67.4	26 400	50.4	71.7	24 300 b										30.0
32.0							18.2	63.0	24 400	43.0	69.8	22 400										32.0
34.0										34.4	67.3	20 800	52.2	70.6	18 900 b							34.0
36.0										23.2	63.7	19 300	45.1	68.9	17 600							36.0
38.0													36.9	66.6	16 500							38.0
40.0													26.7	63.4	15 400	46.6	67.4	13 900				40.0
42.0																38.6	65.2	13 100				42.0
44.0																29.0	62.2	12 300				44.0
46.0																			39.6	63.2	10 300	46.0
48.0																			30.1	60.3	9 700	48.0
50.0																			16.6	55.7	9 200	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

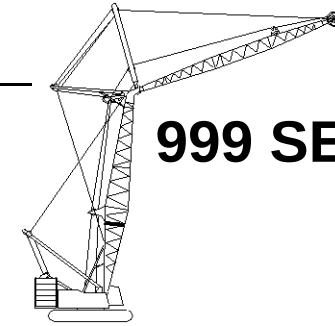
54.9m (180 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	62.9	79.0	36 700 *b																			15.2
16.0	60.9	78.6	36 300 *b																			16.0
18.0	55.3	77.3	34 400 *																			18.0
20.0	49.4	75.8	31 600 *	62.9	78.5	37 800 *b																20.0
22.0	42.9	73.9	29 000 *	57.5	77.4	35 500 *b																22.0
24.0	35.4	71.4	26 600 *	51.7	76.0	31 800 *	59.8	77.4	34 400 *b													24.0
26.0	26.2	68.0	24 300 *	45.4	74.2	28 900 *	54.2	76.1	31 300													26.0
28.0				38.4	72.0	26 500 *	48.1	74.5	28 700													28.0
30.0				30.0	69.0	24 400 *	41.5	72.5	26 300	56.1	75.5	24 100										30.0
32.0				18.6	64.6	22 600 *	33.8	69.9	24 300	50.2	74.0	22 200										32.0
34.0							24.0	66.3	22 600	43.8	72.1	20 600										34.0
36.0										36.5	69.8	19 200	51.8	73.0	17 400							36.0
38.0										27.6	66.6	17 900	45.6	71.2	16 300							38.0
40.0													38.6	69.0	15 200							40.0
42.0													30.2	66.1	14 300	46.9	69.7	12 900				42.0
44.0													18.9	61.7	13 500	40.0	67.6	12 100				44.0
46.0																32.0	64.8	11 400				46.0
48.0																21.6	60.9	10 800	40.8	65.6	9 600	48.0
50.0																			33.0	62.9	9 000	50.0
52.0																			23.0	59.1	8 500	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	66.1	82.3	33 600 *b																			15.2
16.0	64.3	82.0	33 000 *b																			16.0
18.0	59.6	80.9	31 500 *																			18.0
20.0	54.6	79.6	30 000 *	66.1	81.9	34 200 *b																20.0
22.0	49.3	78.1	27 700 *	61.5	80.9	32 800 *b																22.0
24.0	43.6	76.2	25 500 *	56.6	79.7	31 400 *	63.4	80.9	33 400 *b													24.0
26.0	37.1	73.8	23 400 *	51.4	78.3	28 800 *	58.6	79.8	31 300													26.0
28.0	29.5	70.8	21 600 *	45.8	76.5	26 400 *	53.6	78.5	28 500													28.0
30.0	19.4	66.4	20 100 *	39.7	74.4	24 300 *	48.2	76.8	26 200	60.2	79.1	24 000										30.0
32.0				32.6	71.6	22 500 *	42.3	74.9	24 200	55.3	77.8	22 100										32.0
34.0				23.7	67.9	20 900 *	35.7	72.4	22 500	50.1	76.3	20 500										34.0
36.0							27.8	69.2	21 000	44.4	74.5	19 100										36.0
38.0							16.7	64.3	19 600	38.0	72.2	17 900	51.5	75.3	16 200							38.0
40.0										30.6	69.2	16 800	46.0	73.5	15 100							40.0
42.0										21.0	65.1	15 700	39.8	71.4	14 200							42.0
44.0													32.8	68.6	13 400	47.1	72.0	12 000				44.0
46.0													24.0	64.9	12 600	41.1	69.9	11 300				46.0
48.0																34.3	67.3	10 700				48.0
50.0																25.9	63.9	10 100				50.0
52.0																			41.8	67.9	8 900	52.0
54.0																			35.1	65.4	8 400	54.0
56.0																			27.0	62.1	8 000	56.0
																			15.4	56.9	7 600	56.0

Liftcrane Luffing Jib Capacities

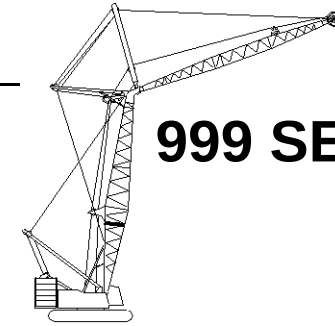
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

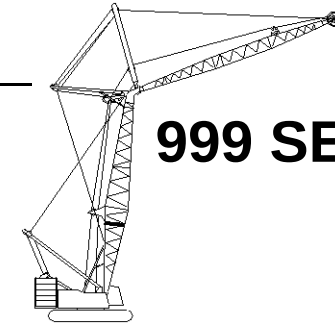
54.9m (180 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	71.7	86.2	31 200 *b																			13.7
14.0	71.1	86.1	31 100 *b																			14.0
16.0	67.1	85.3	30 700 *b																			16.0
18.0	62.9	84.4	29 300 *																			18.0
20.0	58.6	83.3	27 900 *	68.6	85.2	31 400 *b																20.0
22.0	54.1	82.0	26 300 *	64.5	84.3	30 400 *b																22.0
24.0	49.3	80.4	24 400 *	60.3	83.3	29 000 *																24.0
26.0	44.1	78.5	22 500 *	55.9	82.1	27 700 *	62.1	83.3	29 600 *													26.0
28.0	38.4	76.2	20 800 *	51.2	80.6	26 300 *	57.7	82.1	28 200 *													28.0
30.0	31.9	73.4	19 300 *	46.2	78.8	24 100 *	53.2	80.8	26 100 *													30.0
32.0	23.9	69.6	17 900 *	40.7	76.7	22 300 *	48.3	79.1	24 100 *	59.2	81.5	21 900 *										32.0
34.0				34.5	74.1	20 700 *	43.0	77.2	22 400 *	54.7	80.2	20 300 *										34.0
36.0				27.2	70.8	19 300 *	37.2	74.8	20 800 *	49.9	78.6	19 000 *										36.0
38.0				17.2	65.9	18 000 *	30.5	71.8	19 500 *	44.8	76.8	17 700 *										38.0
40.0							21.9	67.8	18 200 *	39.2	74.5	16 600 *	51.3	77.6	15 000 *							40.0
42.0										32.8	71.8	15 600 *	46.3	75.8	14 000 *							42.0
44.0										25.0	68.2	14 700 *	40.8	73.7	13 200 *							44.0
46.0													34.7	71.1	12 500 *	47.3	74.3	11 100 *				46.0
48.0													27.4	67.8	11 800 *	42.0	72.3	10 500 *				48.0
50.0													17.5	63.0	11 100 *	36.0	69.8	9 900 *				50.0
52.0																29.0	66.7	9 400 *	42.6	70.2	8 300 *	52.0
54.0																19.9	62.2	8 900 *	36.7	67.8	7 800 *	54.0
56.0																			29.8	64.8	7 400 *	56.0
58.0																			21.0	60.6	7 000 *	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

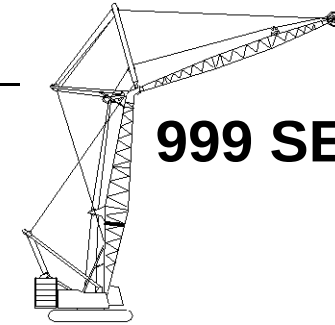
54.9m (180 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.4	89.4	25 500 *b																			13.7
14.0	72.9	89.3	25 400 *b																			14.0
16.0	69.3	88.6	24 800 *b																			16.0
18.0	65.6	87.8	24 200 *																			18.0
20.0	61.7	86.8	23 600 *	70.7	88.5	25 400 *b																20.0
22.0	57.8	85.6	23 100 *	67.0	87.7	25 000 *b																22.0
24.0	53.6	84.3	22 400 *	63.2	86.8	24 600 *																24.0
26.0	49.3	82.7	21 200 *	59.3	85.7	24 200 *	64.8	86.7	24 700 *													26.0
28.0	44.6	80.8	19 700 *	55.3	84.4	23 300 *	61.0	85.7	24 400 *													28.0
30.0	39.5	78.6	18 400 *	51.0	82.9	22 300 *	57.0	84.5	23 800 *													30.0
32.0	33.8	75.9	17 100 *	46.4	81.1	21 400 *	52.8	83.1	22 900 *	62.2	84.9	21 900										32.0
34.0	27.0	72.5	16 000 *	41.5	79.0	20 600 *	48.4	81.4	21 900 *	58.3	83.8	20 300										34.0
36.0	18.1	67.7	15 100 *	36.0	76.6	19 400 *	43.6	79.5	20 900	54.2	82.5	18 900										36.0
38.0				29.7	73.5	18 100 *	38.4	77.2	19 500	49.9	80.9	17 700										38.0
40.0				21.9	69.3	17 000 *	32.5	74.4	18 200	45.2	79.1	16 600	55.3	81.4	14 900							40.0
42.0							25.5	70.8	17 200	40.2	76.9	15 600	51.1	79.9	14 000							42.0
44.0							15.7	65.5	16 100	34.6	74.3	14 700	46.5	78.1	13 200							44.0
46.0										28.0	71.0	13 900	41.6	76.0	12 500	51.9	78.3	11 100				46.0
48.0										19.5	66.4	13 100	36.2	73.6	11 800	47.5	76.6	10 500				48.0
50.0													29.9	70.5	11 100	42.6	74.6	9 900				50.0
52.0													22.1	66.4	10 600	37.3	72.2	9 400				52.0
54.0																31.2	69.3	8 900	43.2	72.6	7 800	54.0
56.0																23.8	65.4	8 400	37.9	70.2	7 400	56.0
58.0																			31.9	67.4	7 000	58.0
60.0																			24.7	63.7	6 700	60.0
62.0																			14.6	58.1	6 300	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

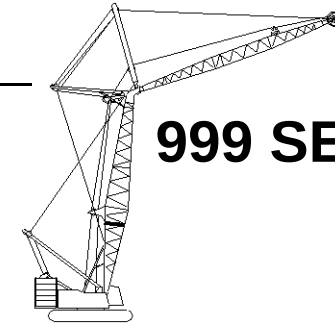
54.9m (180 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.8	92.6	23 900 *b																			13.7
14.0	74.3	92.5	23 800 *b																			14.0
16.0	71.1	91.9	23 300 *b																			16.0
18.0	67.7	91.1	22 800 *																			18.0
20.0	64.3	90.2	22 300 *																			20.0
22.0	60.7	89.2	21 700 *	69.0	91.0	23 400 *																22.0
24.0	57.1	88.0	20 800 *	65.6	90.1	23 000 *																24.0
26.0	53.3	86.6	19 800 *	62.1	89.2	22 500 *	67.0	90.0	22 900 *													26.0
28.0	49.2	85.0	18 900 *	58.5	88.0	21 500 *	63.6	89.1	22 600 *													28.0
30.0	45.0	83.1	17 600 *	54.8	86.7	20 600 *	60.0	88.1	21 900 *													30.0
32.0	40.3	80.9	16 500 *	50.8	85.2	19 600 *	56.3	86.8	21 000 *													32.0
34.0	35.2	78.4	15 400 *	46.6	83.4	18 800 *	52.5	85.4	20 200 *	61.2	87.3	20 100										34.0
36.0	29.4	75.2	14 400 *	42.2	81.4	18 000 *	48.4	83.7	19 300 *	57.6	86.1	18 700										36.0
38.0	22.2	71.1	13 600 *	37.3	79.0	17 200 *	44.1	81.8	18 500 *	53.8	84.8	17 500										38.0
40.0				31.7	76.1	16 600 *	39.4	79.6	17 700 *	49.8	83.2	16 400										40.0
42.0				25.1	72.4	15 800 *	34.1	76.9	17 000	45.5	81.4	15 400	54.8	83.7	13 800							42.0
44.0				16.3	67.1	14 900 *	28.1	73.6	16 100	41.0	79.3	14 500	50.9	82.2	13 000							44.0
46.0							20.4	69.1	15 200	35.9	76.7	13 700	46.7	80.4	12 300							46.0
48.0										30.2	73.7	13 000	42.3	78.4	11 600							48.0
50.0										23.2	69.7	12 300	37.4	76.0	11 000	47.6	78.9	9 700				50.0
52.0													31.9	73.1	10 400	43.2	76.9	9 200				52.0
54.0													25.3	69.4	9 900	38.4	74.6	8 700				54.0
56.0													16.5	64.2	9 400	33.0	71.8	8 300	43.7	74.9	7 200	56.0
58.0																26.7	68.3	7 900	38.9	72.6	6 800	58.0
60.0																18.6	63.6	7 500	33.6	69.9	6 500	60.0
62.0																			27.5	66.5	6 100	62.0
64.0																			19.6	61.9	5 800	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	76.0	95.7	22 400 *b																			13.7
14.0	75.6	95.6	22 300 *b																			14.0
16.0	72.6	95.1	21 900 *b																			16.0
18.0	69.5	94.4	21 400 *																			18.0
20.0	66.4	93.6	20 900 *																			20.0
22.0	63.2	92.6	20 000 *																			22.0
24.0	59.9	91.5	19 200 *	67.6	93.5	21 400 *																24.0
26.0	56.5	90.3	18 300 *	64.4	92.6	20 600 *																26.0
28.0	52.9	88.9	17 500 *	61.2	91.5	19 800 *	65.8	92.5	20 900 *													28.0
30.0	49.2	87.3	16 700 *	57.8	90.4	19 000 *	62.5	91.5	20 100 *													30.0
32.0	45.3	85.4	15 800 *	54.3	89.0	18 100 *	59.2	90.4	19 400 *													32.0
34.0	41.1	83.3	14 800 *	50.7	87.5	17 400 *	55.8	89.1	18 500 *													34.0
36.0	36.4	80.8	13 900 *	46.8	85.7	16 600 *	52.2	87.7	17 800 *	60.3	89.7	18 600										36.0
38.0	31.2	77.8	13 100 *	42.7	83.7	15 900 *	48.5	86.0	17 000 *	56.9	88.5	17 400										38.0
40.0	25.1	74.1	12 300 *	38.3	81.4	15 200 *	44.5	84.1	16 300 *	53.4	87.1	16 300										40.0
42.0	17.1	68.9	11 700 *	33.3	78.6	14 600 *	40.2	81.9	15 600 *	49.7	85.5	15 300										42.0
44.0				27.6	75.2	14 000 *	35.5	79.4	14 900 *	45.8	83.7	14 400	54.4	86.0	12 900							44.0
46.0				20.5	70.7	13 400 *	30.1	76.3	14 300 *	41.6	81.6	13 600	50.8	84.5	12 100							46.0
48.0							23.7	72.3	13 800 *	37.1	79.2	12 900	46.9	82.7	11 500							48.0
50.0							15.0	66.6	13 300 *	32.0	76.3	12 200	42.8	80.7	10 900							50.0
52.0										26.0	72.6	11 600	38.4	78.4	10 300	47.7	81.2	9 100				52.0
54.0										18.3	67.7	11 000	33.4	75.6	9 800	43.7	79.2	8 600				54.0
56.0													27.7	72.2	9 300	39.3	77.0	8 100				56.0
58.0													20.7	67.8	8 800	34.5	74.3	7 700	44.1	77.2	6 700	58.0
60.0																29.0	71.1	7 400	39.8	75.0	6 300	60.0
62.0																22.3	66.9	7 000	35.0	72.4	6 000	62.0
64.0																12.6	60.5	6 600	29.6	69.2	5 700	64.0
66.0																			23.1	65.2	5 400	66.0
68.0																			14.0	59.2	5 200	68.0

Liftcrane Luffing Jib Capacities

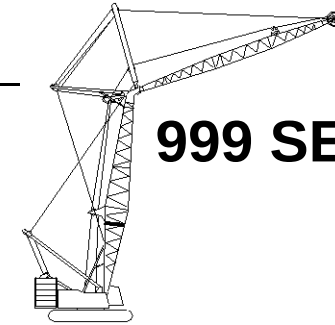
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

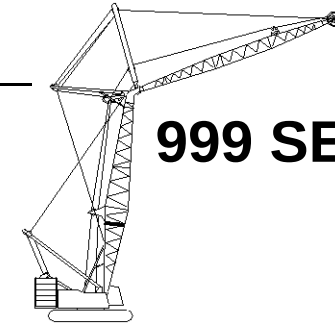
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.9	98.5	20 500 *b																			15.2
16.0	73.8	98.3	20 400 *b																			16.0
18.0	71.0	97.6	20 000 *																			18.0
20.0	68.2	96.9	19 300 *																			20.0
22.0	65.2	96.0	18 400 *																			22.0
24.0	62.2	95.0	17 600 *	69.3	96.7	19 700 *																24.0
26.0	59.2	93.9	16 700 *	66.4	95.9	18 900 *																26.0
28.0	56.0	92.6	16 000 *	63.4	95.0	18 100 *																28.0
30.0	52.7	91.2	15 200 *	60.4	93.9	17 300 *	64.6	94.9	18 400 *													30.0
32.0	49.2	89.6	14 500 *	57.2	92.7	16 600 *	61.6	93.9	17 600 *													32.0
34.0	45.6	87.7	13 800 *	54.0	91.3	15 800 *	58.5	92.8	16 900 *													34.0
36.0	41.7	85.6	13 100 *	50.6	89.8	15 000 *	55.3	91.5	16 100 *													36.0
38.0	37.5	83.2	12 500 *	47.0	88.0	14 300 *	52.0	90.0	15 400 *	59.6	92.1	16 900 *										38.0
40.0	32.8	80.4	11 900 *	43.2	86.0	13 600 *	48.5	88.3	14 700 *	56.4	90.8	16 200 *										40.0
42.0	27.4	76.9	11 200 *	39.1	83.8	13 000 *	44.8	86.4	14 000 *	53.1	89.4	15 100 *										42.0
44.0	20.9	72.5	10 700 *	34.6	81.1	12 300 *	40.9	84.3	13 300 *	49.7	87.8	14 200 *										44.0
46.0				29.6	77.9	11 800 *	36.6	81.8	12 700 *	46.1	86.0	13 400 *	54.0	88.3	12 000 *							46.0
48.0				23.6	73.9	11 300 *	31.8	78.8	12 100 *	42.2	83.9	12 700 *	50.6	86.8	11 300 *							48.0
50.0				15.6	68.3	10 800 *	26.2	75.2	11 600 *	38.0	81.6	12 000 *	47.1	85.0	10 700 *							50.0
52.0							19.3	70.5	11 100 *	33.4	78.8	11 400 *	43.3	83.0	10 100 *	51.3	85.2	8 900 *				52.0
54.0										28.2	75.4	10 800 *	39.2	80.8	9 600 *	47.8	83.5	8 400 *				54.0
56.0										21.8	71.1	10 300 *	34.7	78.1	9 100 *	44.1	81.6	8 000 *				56.0
58.0													29.7	74.9	8 600 *	40.0	79.3	7 600 *				58.0
60.0													23.7	70.9	8 200 *	35.7	76.8	7 200 *	44.5	79.5	6 200 *	60.0
62.0													15.8	65.4	7 800 *	30.8	73.7	6 800 *	40.5	77.3	5 800 *	62.0
64.0																25.0	69.9	6 500 *	36.2	74.8	5 500 *	64.0
66.0																17.6	64.8	6 200 *	31.3	71.8	5 200 *	66.0
68.0																			25.7	68.1	5 000 *	68.0
70.0																			18.6	63.2	4 700 *	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.9	101.6	19 200 *b																			15.2
16.0	74.9	101.4	19 000 *b																			16.0
18.0	72.3	100.8	18 600 *																			18.0
20.0	69.7	100.1	17 800 *																			20.0
22.0	67.0	99.3	17 000 *																			22.0
24.0	64.2	98.4	16 200 *																			24.0
26.0	61.4	97.4	15 400 *	68.0	99.2	17 400 *																26.0
28.0	58.5	96.3	14 700 *	65.3	98.4	16 700 *																28.0
30.0	55.5	95.0	13 900 *	62.5	97.4	15 900 *	66.4	98.3	16 800 *													30.0
32.0	52.4	93.5	13 200 *	59.6	96.3	15 200 *	63.7	97.4	16 100 *													32.0
34.0	49.2	91.9	12 500 *	56.7	95.0	14 400 *	60.8	96.3	15 500 *													34.0
36.0	45.8	90.0	11 900 *	53.6	93.6	13 700 *	57.9	95.1	14 800 *													36.0
38.0	42.2	88.0	11 300 *	50.5	92.1	13 000 *	54.9	93.8	14 000 *													38.0
40.0	38.3	85.6	10 700 *	47.1	90.3	12 300 *	51.8	92.3	13 400 *	58.9	94.4	14 800 *										40.0
42.0	34.1	82.9	10 100 *	43.6	88.4	11 700 *	48.5	90.6	12 700 *	55.9	93.1	14 200 *										42.0
44.0	29.3	79.6	9 600 *	39.8	86.1	11 100 *	45.1	88.8	12 000 *	52.8	91.7	13 600 *										44.0
46.0	23.7	75.6	9 100 *	35.7	83.5	10 500 *	41.4	86.6	11 400 *	49.6	90.1	12 900 *	56.8	92.0	11 900							46.0
48.0	16.3	70.1	8 700 *	31.2	80.5	10 000 *	37.5	84.2	10 800 *	46.3	88.3	12 300 *	53.7	90.6	11 200							48.0
50.0				26.0	76.8	9 500 *	33.2	81.4	10 300 *	42.7	86.3	11 700 *	50.5	89.1	10 700							50.0
52.0				19.5	72.1	9 000 *	28.3	78.0	9 800 *	38.8	83.9	11 100 *	47.2	87.3	10 100							52.0
54.0							22.4	73.8	9 300 *	34.6	81.3	10 600 *	43.7	85.4	9 500	51.2	87.5	8 300				54.0
56.0							14.5	67.8	8 900 *	30.0	78.1	10 000 *	39.9	83.1	9 100	47.9	85.8	7 900				56.0
58.0										24.5	74.2	9 500 *	35.8	80.5	8 600	44.4	83.9	7 500				58.0
60.0										17.5	69.0	9 100 *	31.3	77.5	8 200	40.7	81.7	7 200				60.0
62.0													26.1	73.9	7 800	36.7	79.2	6 800	44.8	81.8	5 800	62.0
64.0													19.6	69.1	7 400	32.2	76.3	6 400	41.1	79.7	5 500	64.0
66.0																27.2	72.8	6 100	37.1	77.2	5 200	66.0
68.0																21.1	68.3	5 800	32.8	74.4	5 000	68.0
70.0																12.3	61.6	5 500	27.8	70.9	4 700	70.0
72.0																			21.8	66.6	4 500	72.0

Liftcrane Luffing Jib Capacities

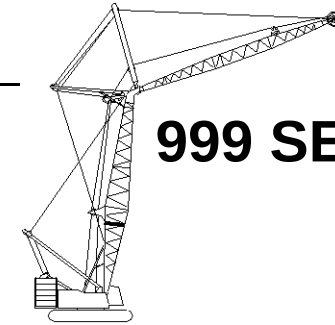
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

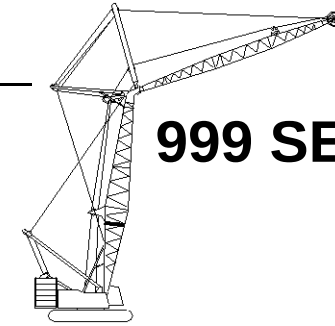
54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.0	104.4	17 500 *																			16.8
18.0	73.5	104.0	17 100 *																			18.0
20.0	71.0	103.4	16 300 *																			20.0
22.0	68.5	102.6	15 600 *																			22.0
24.0	65.9	101.8	14 800 *																			24.0
26.0	63.3	100.9	14 000 *	69.5	102.5	15 900 *																26.0
28.0	60.7	99.8	13 300 *	66.9	101.7	15 200 *																28.0
30.0	58.0	98.6	12 600 *	64.4	100.8	14 500 *																30.0
32.0	55.1	97.3	11 900 *	61.7	99.8	13 700 *	65.4	100.7	14 700 *													32.0
34.0	52.2	95.8	11 200 *	59.0	98.6	13 000 *	62.8	99.8	14 000 *													34.0
36.0	49.2	94.2	10 600 *	56.2	97.4	12 400 *	60.1	98.7	13 300 *													36.0
38.0	46.0	92.3	10 000 *	53.4	96.0	11 700 *	57.4	97.5	12 600 *													38.0
40.0	42.6	90.3	9 400 *	50.4	94.4	11 000 *	54.6	96.1	12 000 *	61.0	97.9	13 300 *										40.0
42.0	39.0	88.0	8 800 *	47.2	92.6	10 400 *	51.6	94.6	11 300 *	58.3	96.8	12 700 *										42.0
44.0	35.1	85.3	8 300 *	44.0	90.7	9 800 *	48.6	92.9	10 700 *	55.5	95.5	12 200 *										44.0
46.0	30.8	82.3	7 800 *	40.5	88.5	9 200 *	45.3	91.1	10 100 *	52.6	94.0	11 500 *										46.0
48.0	25.9	78.6	7 400 *	36.7	86.0	8 700 *	41.9	89.0	9 500 *	49.6	92.4	10 900 *	56.3	94.3	11 100							48.0
50.0	19.8	73.8	7 000 *	32.5	83.1	8 100 *	38.3	86.6	9 000 *	46.4	90.6	10 300 *	53.4	92.9	10 500							50.0
52.0				27.9	79.6	7 700 *	34.3	83.9	8 400 *	43.1	88.6	9 700 *	50.4	91.4	9 900							52.0
54.0				22.3	75.4	7 200 *	29.9	80.7	8 000 *	39.5	86.3	9 200 *	47.3	89.6	9 400							54.0
56.0				15.0	69.4	6 900 *	24.8	76.8	7 500 *	35.7	83.7	8 700 *	44.0	87.7	8 900	51.0	89.8	7 700				56.0
58.0							18.4	71.8	7 100 *	31.4	80.7	8 200 *	40.5	85.5	8 500	47.9	88.1	7 300				58.0
60.0										26.6	77.1	7 700 *	36.8	83.0	8 000	44.7	86.2	7 000				60.0
62.0										20.7	72.5	7 300 *	32.6	80.1	7 700	41.2	84.0	6 600				62.0
64.0										12.5	65.8	6 900 *	28.0	76.7	7 300	37.5	81.6	6 300	45.1	84.1	5 300	64.0
66.0													22.5	72.4	6 900	33.5	78.8	6 000	41.6	82.0	5 000	66.0
68.0													15.2	66.5	6 600	29.0	75.5	5 700	38.0	79.6	4 800	68.0
70.0																23.7	71.5	5 400	34.0	76.9	4 500	70.0
72.0																16.9	66.1	5 200	29.5	73.6	4 300	72.0
76.0																			17.7	64.5	3 900	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

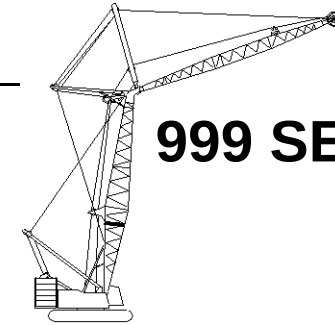
54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.9	107.5	15 800 *																			16.8
18.0	74.5	107.2	15 600 *																			18.0
20.0	72.2	106.6	15 100 *																			20.0
22.0	69.8	105.9	14 400 *																			22.0
24.0	67.4	105.1	13 600 *																			24.0
26.0	65.0	104.2	12 900 *	70.7	105.7	14 400 *																26.0
28.0	62.6	103.3	12 200 *	68.4	105.0	14 000 *																28.0
30.0	60.0	102.2	11 500 *	66.0	104.2	13 300 *																30.0
32.0	57.5	100.9	10 800 *	63.5	103.2	12 600 *	67.0	104.1	13 400 *													32.0
34.0	54.8	99.6	10 200 *	61.0	102.2	11 900 *	64.5	103.2	12 800 *													34.0
36.0	52.0	98.1	9 600 *	58.5	101.0	11 300 *	62.1	102.1	12 200 *													36.0
38.0	49.2	96.5	9 000 *	55.8	99.7	10 600 *	59.5	101.0	11 500 *													38.0
40.0	46.2	94.7	8 400 *	53.1	98.3	9 900 *	56.9	99.8	10 900 *													40.0
42.0	43.0	92.6	7 900 *	50.3	96.7	9 400 *	54.2	98.4	10 300 *	60.4	100.3	11 600 *										42.0
44.0	39.7	90.4	7 400 *	47.3	94.9	8 800 *	51.5	96.9	9 700 *	57.8	99.1	11 000 *										44.0
46.0	36.1	87.8	6 900 *	44.3	93.0	8 200 *	48.6	95.2	9 100 *	55.1	97.8	10 400 *										46.0
48.0	32.1	84.8	6 500 *	41.0	90.8	7 700 *	45.6	93.4	8 500 *	52.4	96.3	9 800 *										48.0
50.0	27.7	81.4	6 000 *	37.5	88.4	7 200 *	42.4	91.3	8 000 *	49.6	94.7	9 300 *	55.9	96.7	10 300							50.0
52.0	22.5	77.1	5 600 *	33.7	85.6	6 800 *	39.0	89.0	7 500 *	46.6	92.9	8 700 *	53.2	95.2	9 700							52.0
54.0	15.7	71.3	5 100 *	29.5	82.3	6 300 *	35.3	86.3	7 000 *	43.5	90.9	8 200 *	50.3	93.7	9 300							54.0
56.0				24.6	78.4	5 900 *	31.3	83.3	6 500 *	40.1	88.7	7 700 *	47.4	91.9	8 800							56.0
58.0				18.6	73.4	5 300 *	26.7	79.7	6 100 *	36.6	86.2	7 200 *	44.3	90.0	8 300 *	50.9	92.1	7 200				58.0
60.0							21.3	75.2	5 600 *	32.7	83.3	6 700 *	41.1	87.8	7 800 *	48.0	90.4	6 800				60.0
62.0							14.0	68.9	5 100 *	28.3	79.9	6 300 *	37.6	85.4	7 400 *	45.0	88.5	6 500				62.0
64.0										23.2	75.7	5 800 *	33.8	82.6	6 900 *	41.7	86.4	6 200				64.0
66.0										16.8	70.2	5 300 *	29.6	79.4	6 500 *	38.3	84.0	5 900	45.3	86.5	4 900	66.0
68.0													24.7	75.5	6 000 *	34.6	81.3	5 600	42.1	84.4	4 600	68.0
70.0													18.7	70.4	5 500 *	30.5	78.2	5 300	38.7	82.0	4 400	70.0
72.0																25.8	74.4	5 000	35.0	79.3	4 200	72.0
76.0																12.1	62.7	4 600	26.3	72.6	3 700	76.0
80.0																			13.2	61.4	3 400	80.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

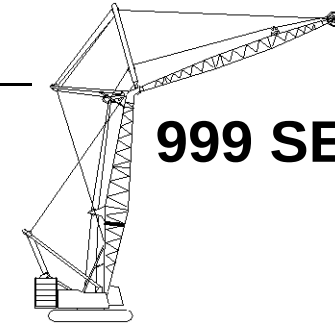
57.9m (190 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	58.9	78.6	38 300 *b																			15.2
16.0	56.5	78.1	37 300 *b																			16.0
18.0	49.8	76.6	34 500 *b																			18.0
20.0	42.3	74.7	31 600 *	59.8	78.3	37 400 *b																20.0
22.0	33.6	72.1	29 000 *	53.3	77.0	34 600 *b																22.0
24.0	22.1	68.3	26 600 *	46.3	75.3	31 500 *	56.6	77.2	34 000 *b													24.0
26.0				38.3	73.1	28 700 *	49.9	75.7	31 100 *b													26.0
28.0				28.6	70.1	26 300 *	42.4	73.8	28 500 *	59.5	76.6	26 100 b										28.0
30.0				13.6	64.9	23 200 *	33.7	71.2	26 300	53.1	75.3	23 900 b										30.0
32.0							22.3	67.5	24 300	46.0	73.6	22 100										32.0
34.0										37.9	71.3	20 500	55.7	74.3	18 600 b							34.0
36.0										28.1	68.3	19 100	48.9	72.7	17 300							36.0
38.0										12.6	62.9	17 800	41.3	70.7	16 100							38.0
40.0													32.4	68.1	15 100	51.2	71.3	13 500 b				40.0
42.0													20.2	64.0	14 200	43.9	69.4	12 700				42.0
44.0																35.5	67.0	11 900				44.0
46.0																24.7	63.6	11 200				46.0
48.0																			45.6	67.5	9 900	48.0
50.0																			37.5	65.3	9 400	50.0
																			27.5	62.1	8 800	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

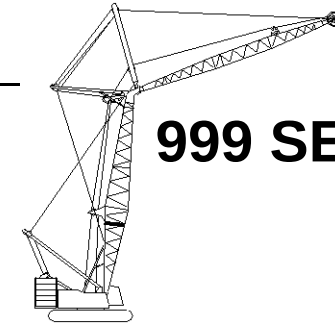
57.9m (190 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	63.2	82.1	35 400 *b																			15.2
16.0	61.1	81.7	34 800 *b																			16.0
18.0	55.6	80.4	32 600 *b																			18.0
20.0	49.7	78.9	30 000 *	63.9	81.7	36 200 *b																20.0
22.0	43.2	77.0	27 600 *	58.5	80.6	33 800 *b																22.0
24.0	35.8	74.6	25 400 *	52.8	79.3	31 300 *	61.2	80.7	33 100 *b													24.0
26.0	26.8	71.3	23 500 *	46.7	77.6	28 500 *	55.7	79.5	30 900 *b													26.0
28.0				39.8	75.5	26 100 *	49.8	78.0	28 300 *													28.0
30.0				31.7	72.7	24 000 *	43.3	76.1	26 100 *	58.3	79.0	23 800 b										30.0
32.0				21.2	68.7	22 200 *	35.9	73.7	24 100	52.6	77.6	22 000										32.0
34.0							26.9	70.4	22 400	46.4	75.9	20 400										34.0
36.0							13.2	64.9	20 600	39.5	73.7	19 000	54.9	76.6	17 100							36.0
38.0										31.3	70.9	17 700	48.9	75.0	15 900							38.0
40.0										20.6	66.8	16 600	42.3	73.1	14 900							40.0
42.0													34.8	70.6	14 000							42.0
44.0													25.4	67.1	13 200	44.5	71.8	11 700				44.0
46.0																37.4	69.5	11 100				46.0
48.0																28.7	66.4	10 400				48.0
50.0																16.5	61.6	9 800				50.0
52.0																			39.1	67.6	8 600	52.0
54.0																			30.9	64.8	8 200	54.0
																			19.9	60.6	7 700	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	66.3	85.4	32 600 *b																			15.2
16.0	64.6	85.1	32 300 *b																			16.0
18.0	59.9	84.0	30 700 *																			18.0
20.0	54.9	82.8	28 500 *	67.0	85.1	33 300 *b																20.0
22.0	49.6	81.2	26 300 *	62.3	84.2	32 800 *b																22.0
24.0	43.9	79.3	24 300 *	57.5	83.0	31 000 *	64.7	84.2	32 000 *b													24.0
26.0	37.5	77.0	22 500 *	52.4	81.6	28 300 *	59.9	83.1	30 300 *b													26.0
28.0	29.9	74.0	20 800 *	46.9	79.9	25 900 *	55.0	81.8	28 200 *													28.0
30.0	20.0	69.7	19 400 *	40.9	77.8	23 900 *	49.7	80.3	25 900 *													30.0
32.0				34.0	75.2	22 100 *	44.0	78.4	24 000 *	57.3	81.3	21 800										32.0
34.0				25.6	71.7	20 500 *	37.6	76.1	22 300	52.2	79.9	20 200										34.0
36.0				12.9	66.0	18 500 *	30.1	73.1	20 800	46.7	78.2	18 900										36.0
38.0							20.2	68.8	19 400	40.6	76.1	17 600	54.3	78.9	15 800							38.0
40.0										33.7	73.4	16 500	48.9	77.3	14 800							40.0
42.0										25.2	69.9	15 500	43.1	75.4	13 900							42.0
44.0										12.1	64.0	14 600	36.6	73.0	13 100							44.0
46.0													28.9	69.9	12 400	45.1	74.1	10 900				46.0
48.0													18.4	65.3	11 700	38.8	71.8	10 300				48.0
50.0																31.5	69.0	9 800				50.0
52.0																22.3	65.1	9 200				52.0
54.0																			40.3	70.0	8 100	54.0
56.0																			33.3	67.3	7 600	56.0
																			24.7	63.7	7 200	

Liftcrane Luffing Jib Capacities

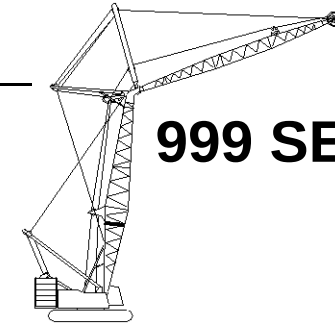
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	68.8	88.7	30 200 *b																			15.2
16.0	67.3	88.4	30 000 *b																			16.0
18.0	63.1	87.5	28 700 *																			18.0
20.0	58.8	86.4	26 800 *	69.4	88.4	30 500 *b																20.0
22.0	54.3	85.1	25 000 *	65.3	87.5	30 200 *b																22.0
24.0	49.6	83.5	23 200 *	61.1	86.5	29 000 *																24.0
26.0	44.4	81.6	21 500 *	56.7	85.3	27 800 *	63.2	86.6	29 300 *													26.0
28.0	38.8	79.4	20 000 *	52.1	83.9	25 800 *	58.9	85.5	27 700 *													28.0
30.0	32.3	76.6	18 500 *	47.1	82.2	23 700 *	54.4	84.2	25 700 *													30.0
32.0	24.3	72.9	17 200 *	41.8	80.2	21 900 *	49.6	82.6	23 800 *	60.9	84.9	21 600										32.0
34.0				35.7	77.7	20 300 *	44.5	80.7	22 100 *	56.5	83.6	20 100										34.0
36.0				28.7	74.5	19 000 *	38.8	78.5	20 600 *	51.9	82.2	18 700										36.0
38.0				19.5	70.0	17 700 *	32.4	75.7	19 300 *	46.9	80.5	17 500										38.0
40.0							24.5	72.0	18 100	41.5	78.4	16 400	53.7	81.2	14 600							40.0
42.0							12.6	66.0	16 800	35.5	75.9	15 400	48.9	79.6	13 700							42.0
44.0										28.3	72.7	14 500	43.7	77.7	12 900							44.0
46.0										19.0	68.1	13 600	38.0	75.4	12 200	50.5	78.2	10 700				46.0
48.0													31.4	72.5	11 500	45.5	76.4	10 100				48.0
50.0													23.2	68.6	10 900	39.9	74.2	9 600				50.0
52.0																33.6	71.5	9 100	46.6	74.4	7 800	52.0
54.0																26.1	68.0	8 600	41.2	72.4	7 400	54.0
56.0																15.4	62.8	8 100	35.1	69.8	7 000	56.0
58.0																			27.9	66.6	6 600	58.0
60.0																			18.4	61.9	6 300	60.0

Liftcrane Luffing Jib Capacities

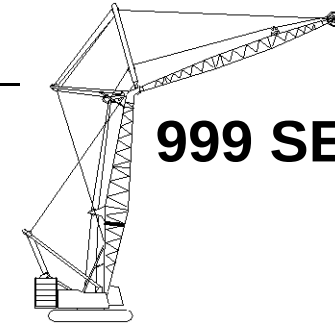
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

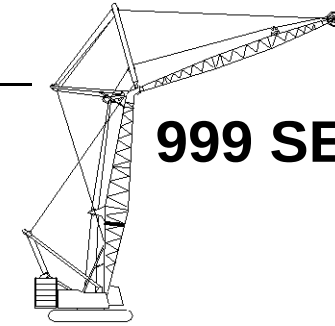
57.9m (190 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	70.8	92.0	24 500 *b																			15.2
16.0	69.4	91.7	24 300 *b																			16.0
18.0	65.8	90.9	23 800 *																			18.0
20.0	61.9	89.9	23 200 *																			20.0
22.0	58.0	88.7	22 700 *	67.7	90.9	24 600 *b																22.0
24.0	53.9	87.4	21 700 *	63.9	90.0	24 200 *																24.0
26.0	49.5	85.8	20 300 *	60.1	88.9	23 800 *	65.8	90.0	24 200 *													26.0
28.0	44.9	84.0	18 900 *	56.0	87.7	23 400 *	62.0	89.0	24 000 *													28.0
30.0	39.8	81.8	17 700 *	51.8	86.2	22 400 *	58.0	87.8	23 700 *													30.0
32.0	34.1	79.1	16 500 *	47.3	84.5	21 500 *	53.9	86.5	23 000 *													32.0
34.0	27.4	75.7	15 500 *	42.5	82.5	20 500 *	49.6	84.9	22 000	59.9	87.2	20 000										34.0
36.0	18.6	71.0	14 600 *	37.1	80.1	19 000 *	44.9	83.0	20 700	55.8	86.0	18 600										36.0
38.0				31.0	77.1	17 800 *	39.8	80.9	19 300	51.6	84.5	17 400										38.0
40.0				23.5	73.2	16 700 *	34.2	78.2	18 100	47.1	82.8	16 400										40.0
42.0				12.5	67.1	15 200 *	27.5	74.8	17 000	42.2	80.8	15 400	53.3	83.5	13 700							42.0
44.0							18.8	70.2	16 100	36.9	78.3	14 500	48.9	81.9	12 900							44.0
46.0										30.7	75.3	13 700	44.2	80.0	12 200							46.0
48.0										23.2	71.4	12 900	39.1	77.8	11 500	50.4	80.5	10 100				48.0
50.0										11.8	65.1	12 200	33.3	75.0	10 900	45.8	78.7	9 600				50.0
52.0													26.4	71.6	10 300	40.8	76.6	9 100				52.0
54.0													17.2	66.6	9 800	35.3	74.0	8 600				54.0
56.0																28.8	70.8	8 100	42.0	74.7	7 000	56.0
58.0																20.6	66.5	7 700	36.6	72.2	6 700	58.0
60.0																			30.4	69.2	6 300	60.0
62.0																			22.7	65.2	6 000	62.0
64.0																			10.9	58.6	5 700	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	72.5	95.2	23 000 *b																			15.2
16.0	71.2	94.9	22 900 *b																			16.0
18.0	67.9	94.2	22 400 *																			18.0
20.0	64.5	93.3	21 900 *																			20.0
22.0	60.9	92.3	21 400 *	69.6	94.1	22 900 *b																22.0
24.0	57.3	91.1	20 500 *	66.2	93.3	22 600 *																24.0
26.0	53.5	89.7	19 300 *	62.8	92.4	22 300 *																26.0
28.0	49.5	88.1	18 100 *	59.2	91.3	21 600 *	64.5	92.4	22 300 *													28.0
30.0	45.2	86.3	16 900 *	55.5	90.0	20 700 *	61.0	91.4	21 900 *													30.0
32.0	40.6	84.1	15 800 *	51.6	88.5	19 800 *	57.3	90.2	21 200 *													32.0
34.0	35.5	81.6	14 800 *	47.4	86.8	18 900 *	53.5	88.8	20 300 *													34.0
36.0	29.7	78.4	14 000 *	43.0	84.8	18 100 *	49.5	87.2	19 500 *	59.0	89.6	18 500										36.0
38.0	22.6	74.4	13 100 *	38.2	82.5	17 400 *	45.3	85.4	18 600 *	55.3	88.3	17 200										38.0
40.0				32.8	79.7	16 500 *	40.7	83.2	17 900 *	51.4	86.8	16 200										40.0
42.0				26.5	76.2	15 500 *	35.6	80.7	16 900	47.3	85.1	15 200										42.0
44.0				18.2	71.3	14 500 *	29.8	77.5	15 900	42.8	83.1	14 300	53.0	85.8	12 700							44.0
46.0							22.7	73.5	15 000	38.0	80.7	13 500	48.9	84.2	12 000							46.0
48.0							12.2	67.1	14 000	32.6	77.9	12 800	44.6	82.3	11 300							48.0
50.0										26.2	74.4	12 100	40.0	80.1	10 700	50.3	82.8	9 400				50.0
52.0										17.8	69.4	11 500	34.8	77.5	10 200	46.1	81.0	8 900				52.0
54.0													28.9	74.3	9 600	41.5	78.9	8 400				54.0
56.0													21.5	70.1	9 200	36.6	76.4	8 000				56.0
58.0																30.9	73.4	7 600	42.6	77.0	6 500	58.0
60.0																24.1	69.6	7 200	37.7	74.7	6 100	60.0
62.0																14.7	63.9	6 800	32.3	71.8	5 800	62.0
64.0																			25.8	68.2	5 500	64.0
66.0																			17.3	63.1	5 200	66.0

Liftcrane Luffing Jib Capacities

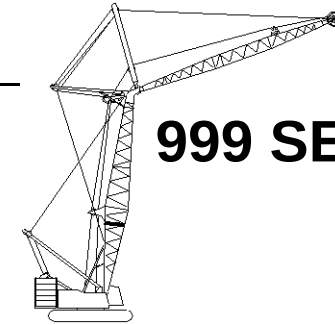
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

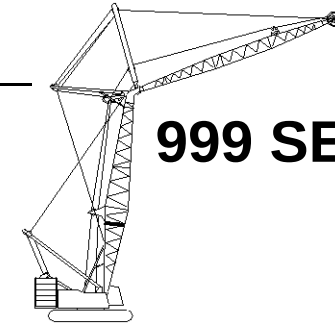
57.9m (190 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.9	98.4	21 600 *b																			15.2
16.0	72.7	98.1	21 500 *b																			16.0
18.0	69.7	97.5	21 000 *																			18.0
20.0	66.5	96.7	20 600 *																			20.0
22.0	63.4	95.7	19 900 *																			22.0
24.0	60.1	94.7	19 100 *	68.2	96.6	21 100 *																24.0
26.0	56.7	93.4	18 200 *	65.0	95.8	20 600 *																26.0
28.0	53.1	92.0	17 200 *	61.8	94.8	19 800 *	66.6	95.7	20 600 *													28.0
30.0	49.4	90.4	16 200 *	58.4	93.6	19 100 *	63.4	94.8	20 200 *													30.0
32.0	45.5	88.6	15 200 *	55.0	92.3	18 200 *	60.1	93.7	19 400 *													32.0
34.0	41.3	86.5	14 300 *	51.4	90.8	17 500 *	56.7	92.5	18 700 *													34.0
36.0	36.7	84.0	13 400 *	47.6	89.1	16 700 *	53.2	91.1	17 900 *													36.0
38.0	31.5	81.0	12 600 *	43.5	87.1	16 000 *	49.5	89.5	17 200 *	58.3	91.9	17 100										38.0
40.0	25.5	77.4	11 900 *	39.1	84.9	15 300 *	45.6	87.7	16 500 *	54.8	90.6	16 000										40.0
42.0	17.6	72.3	11 400 *	34.3	82.2	14 700 *	41.4	85.6	15 800 *	51.2	89.1	15 100										42.0
44.0				28.8	78.9	14 100 *	36.8	83.1	15 100 *	47.4	87.4	14 200										44.0
46.0				22.0	74.7	13 600 *	31.6	80.1	14 500 *	43.3	85.4	13 400	52.7	88.2	11 900							46.0
48.0				12.1	68.2	12 600 *	25.6	76.5	13 900 *	38.9	83.1	12 600	48.9	86.5	11 200							48.0
50.0							17.7	71.4	13 300 *	34.1	80.4	12 000	45.0	84.7	10 600							50.0
52.0										28.5	77.1	11 400	40.7	82.5	10 100	50.2	85.1	8 800				52.0
54.0										21.7	72.8	10 800	36.1	80.0	9 500	46.3	83.3	8 300				54.0
56.0										11.5	66.1	10 300	30.8	77.0	9 000	42.1	81.2	7 800				56.0
58.0													24.6	73.1	8 600	37.6	78.9	7 500	47.2	81.3	6 300	58.0
60.0													16.3	67.8	8 200	32.6	76.0	7 100	43.1	79.4	6 000	60.0
62.0																26.8	72.5	6 700	38.7	77.0	5 700	62.0
64.0																19.4	67.8	6 400	33.8	74.3	5 400	64.0
66.0																			28.2	71.0	5 100	66.0
68.0																			21.3	66.6	4 900	68.0
70.0																			10.8	59.7	4 600	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

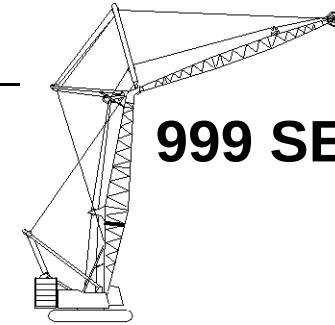
57.9m (190 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.0	101.5	20 200 *b																			15.2
16.0	74.0	101.3	20 000 *b																			16.0
18.0	71.2	100.7	19 600 *																			18.0
20.0	68.3	100.0	19 100 *																			20.0
22.0	65.4	99.1	18 300 *																			22.0
24.0	62.4	98.1	17 500 *																			24.0
26.0	59.3	97.0	16 700 *	66.9	99.1	18 900 *																26.0
28.0	56.1	95.8	15 900 *	64.0	98.2	18 200 *																28.0
30.0	52.9	94.3	15 200 *	60.9	97.2	17 400 *	65.4	98.2	18 300 *													30.0
32.0	49.4	92.7	14 500 *	57.8	96.0	16 600 *	62.4	97.2	17 700 *													32.0
34.0	45.8	90.9	13 700 *	54.6	94.6	15 900 *	59.4	96.1	17 000 *													34.0
36.0	41.9	88.8	12 900 *	51.2	93.1	15 100 *	56.2	94.8	16 300 *													36.0
38.0	37.7	86.4	12 200 *	47.7	91.4	14 400 *	52.9	93.4	15 600 *	60.8	95.5	16 900										38.0
40.0	33.0	83.6	11 500 *	43.9	89.5	13 700 *	49.4	91.8	14 900 *	57.7	94.3	15 900										40.0
42.0	27.7	80.2	10 900 *	39.9	87.2	13 100 *	45.8	90.0	14 200 *	54.4	92.9	14 900										42.0
44.0	21.3	75.8	10 300 *	35.5	84.6	12 500 *	41.9	87.9	13 500 *	51.1	91.4	14 000										44.0
46.0				30.6	81.6	11 900 *	37.7	85.5	12 900 *	47.5	89.7	13 200	55.7	91.9	11 700							46.0
48.0				24.8	77.8	11 400 *	33.1	82.7	12 300 *	43.7	87.7	12 500	52.4	90.5	11 000							48.0
50.0				17.3	72.6	10 900 *	27.8	79.3	11 800 *	39.7	85.5	11 800	48.9	88.8	10 400							50.0
52.0							21.3	74.9	11 200 *	35.3	82.9	11 200	45.3	87.0	9 800							52.0
54.0							12.0	68.2	10 800 *	30.3	79.8	10 700	41.4	84.8	9 400	50.1	87.4	8 100				54.0
56.0										24.5	75.9	10 100	37.1	82.4	8 900	46.5	85.6	7 700				56.0
58.0										16.9	70.6	9 600	32.4	79.5	8 400	42.7	83.6	7 300				58.0
60.0													27.0	76.0	8 000	38.5	81.2	6 900				60.0
62.0													20.3	71.4	7 600	34.0	78.5	6 500	43.6	81.7	5 500	62.0
64.0													10.0	64.0	7 300	28.8	75.2	6 200	39.5	79.4	5 200	64.0
66.0																22.7	71.1	5 900	35.1	76.8	4 900	66.0
68.0																14.1	65.1	5 600	30.1	73.7	4 700	68.0
70.0																			24.2	69.8	4 500	70.0
72.0																			16.4	64.4	4 200	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

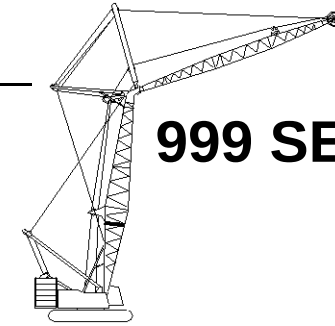
57.9m (190 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.1	104.3	18 600 *																			16.8
18.0	72.5	103.9	18 300 *																			18.0
20.0	69.8	103.2	17 700 *																			20.0
22.0	67.1	102.4	16 900 *																			22.0
24.0	64.4	101.5	16 200 *																			24.0
26.0	61.6	100.5	15 400 *	68.5	102.4	17 400 *																26.0
28.0	58.7	99.4	14 600 *	65.8	101.6	16 700 *																28.0
30.0	55.7	98.1	13 900 *	63.0	100.6	16 000 *																30.0
32.0	52.6	96.6	13 200 *	60.2	99.5	15 200 *	64.4	100.6	16 200 *													32.0
34.0	49.4	95.0	12 500 *	57.2	98.3	14 500 *	61.6	99.6	15 600 *													34.0
36.0	46.0	93.2	11 900 *	54.2	96.9	13 800 *	58.7	98.4	14 900 *													36.0
38.0	42.4	91.1	11 300 *	51.1	95.4	13 100 *	55.7	97.2	14 200 *													38.0
40.0	38.5	88.8	10 700 *	47.8	93.7	12 500 *	52.6	95.7	13 600 *	60.1	97.8	14 900 *										40.0
42.0	34.3	86.1	10 200 *	44.3	91.8	11 800 *	49.4	94.1	12 900 *	57.1	96.6	14 400 *										42.0
44.0	29.6	82.9	9 700 *	40.6	89.6	11 200 *	46.0	92.3	12 300 *	54.1	95.2	13 800 *										44.0
46.0	24.0	78.9	9 200 *	36.5	87.1	10 700 *	42.4	90.2	11 600 *	50.9	93.7	13 200 *										46.0
48.0	16.8	73.5	8 800 *	32.1	84.1	10 100 *	38.6	87.9	11 000 *	47.6	92.0	12 400 *	55.3	94.2	11 000 *							48.0
50.0				27.0	80.6	9 600 *	34.4	85.2	10 500 *	44.1	90.0	11 800 *	52.2	92.8	10 400 *							50.0
52.0				20.8	76.1	9 200 *	29.6	82.0	9 900 *	40.4	87.8	11 200 *	49.0	91.1	9 800 *							52.0
54.0				11.9	69.3	8 800 *	24.1	78.0	9 500 *	36.3	85.3	10 600 *	45.5	89.3	9 300 *							54.0
56.0							16.9	72.7	9 000 *	31.9	82.4	10 100 *	41.9	87.2	8 800 *	50.0	89.7	7 600 *				56.0
58.0										26.8	78.8	9 600 *	38.0	84.8	8 400 *	46.7	87.9	7 200 *				58.0
60.0										20.5	74.2	9 100 *	33.7	82.0	8 000 *	43.1	85.9	6 800 *				60.0
62.0										11.4	67.2	8 700 *	28.9	78.7	7 600 *	39.3	83.6	6 500 *				62.0
64.0													23.2	74.7	7 300 *	35.2	81.0	6 200 *	43.9	84.0	5 200 *	64.0
66.0													15.7	69.0	6 900 *	30.5	77.9	5 900 *	40.2	81.8	4 900 *	66.0
68.0																25.2	74.1	5 600 *	36.1	79.2	4 600 *	68.0
70.0																18.4	69.1	5 300 *	31.6	76.3	4 400 *	70.0
72.0																			26.5	72.7	4 200 *	72.0
76.0																			10.7	60.8	3 700 *	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.1	107.4	17 000 *																			16.8
18.0	73.6	107.1	16 700 *																			18.0
20.0	71.1	106.5	16 200 *																			20.0
22.0	68.6	105.7	15 500 *																			22.0
24.0	66.1	104.9	14 700 *																			24.0
26.0	63.5	104.0	14 000 *	69.9	105.7	15 900 *																26.0
28.0	60.8	102.9	13 300 *	67.4	104.9	15 200 *																28.0
30.0	58.1	101.7	12 600 *	64.8	104.0	14 500 *																30.0
32.0	55.3	100.4	11 900 *	62.2	103.0	13 800 *	66.1	104.0	14 700 *													32.0
34.0	52.4	98.9	11 200 *	59.5	101.9	13 100 *	63.5	103.0	14 100 *													34.0
36.0	49.3	97.3	10 600 *	56.8	100.6	12 500 *	60.9	102.0	13 500 *													36.0
38.0	46.2	95.5	10 000 *	53.9	99.3	11 800 *	58.1	100.8	12 800 *													38.0
40.0	42.8	93.5	9 400 *	50.9	97.7	11 100 *	55.3	99.5	12 200 *	62.1	101.3	13 400 *										40.0
42.0	39.2	91.2	8 900 *	47.8	96.0	10 500 *	52.4	98.0	11 500 *	59.4	100.2	12 900 *										42.0
44.0	35.4	88.5	8 300 *	44.6	94.1	9 900 *	49.4	96.4	10 900 *	56.6	98.9	12 300 *										44.0
46.0	31.1	85.5	7 900 *	41.1	91.9	9 400 *	46.2	94.6	10 300 *	53.8	97.6	11 800 *										46.0
48.0	26.2	81.8	7 400 *	37.4	89.5	8 800 *	42.9	92.5	9 700 *	50.8	96.0	11 200 *										48.0
50.0	20.2	77.1	7 000 *	33.3	86.7	8 300 *	39.3	90.3	9 100 *	47.7	94.3	10 600 *	54.9	96.6	10 200							50.0
52.0				28.8	83.3	7 800 *	35.4	87.6	8 600 *	44.4	92.4	10 000 *	52.0	95.1	9 600							52.0
54.0				23.5	79.3	7 400 *	31.1	84.6	8 100 *	41.0	90.2	9 500 *	49.0	93.4	9 100							54.0
56.0				16.6	73.8	7 000 *	26.2	80.9	7 600 *	37.2	87.7	8 900 *	45.8	91.6	8 700							56.0
58.0							20.3	76.3	7 200 *	33.2	84.9	8 400 *	42.4	89.5	8 200	50.0	92.0	7 000				58.0
60.0							11.8	69.3	6 800 *	28.6	81.6	7 900 *	38.8	87.2	7 800	46.8	90.2	6 700				60.0
62.0										23.2	77.4	7 500 *	34.8	84.5	7 400	43.5	88.2	6 300				62.0
64.0										16.2	71.8	7 100 *	30.5	81.4	7 100	40.0	86.0	6 000	47.5	88.2	5 000	64.0
66.0													25.5	77.6	6 800	36.1	83.4	5 700	44.3	86.3	4 700	66.0
68.0													19.3	72.8	6 400	32.0	80.5	5 400	40.8	84.1	4 500	68.0
70.0													10.0	65.1	6 100	27.2	76.9	5 200	37.0	81.6	4 200	70.0
72.0																21.5	72.5	4 900	32.9	78.8	4 000	72.0
76.0																			22.9	71.2	3 600	76.0

Liftcrane Luffing Jib Capacities

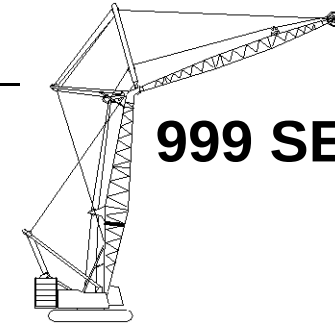
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

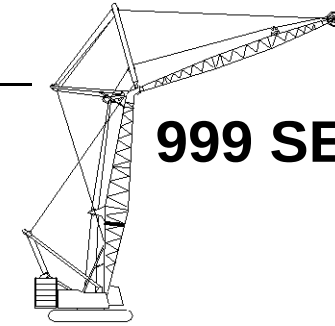
57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	76.0	110.6	15 400 *																			16.8
18.0	74.6	110.3	15 200 *																			18.0
20.0	72.3	109.7	14 800 *																			20.0
22.0	69.9	109.0	14 300 *																			22.0
24.0	67.6	108.2	13 600 *																			24.0
26.0	65.2	107.3	12 800 *																			26.0
28.0	62.7	106.4	12 200 *	68.8	108.2	13 800 *																28.0
30.0	60.2	105.3	11 500 *	66.4	107.3	13 300 *																30.0
32.0	57.6	104.1	10 800 *	64.0	106.4	12 700 *	67.6	107.3	13 100 *													32.0
34.0	54.9	102.7	10 200 *	61.5	105.4	12 000 *	65.2	106.4	12 900 *													34.0
36.0	52.2	101.2	9 600 *	58.9	104.2	11 300 *	62.7	105.4	12 300 *													36.0
38.0	49.3	99.6	9 000 *	56.3	103.0	10 700 *	60.2	104.3	11 600 *													38.0
40.0	46.3	97.8	8 500 *	53.6	101.6	10 100 *	57.6	103.1	11 000 *													40.0
42.0	43.2	95.8	7 900 *	50.8	100.0	9 500 *	55.0	101.8	10 400 *	61.4	103.7	11 600 *										42.0
44.0	39.9	93.5	7 400 *	47.9	98.3	8 900 *	52.2	100.3	9 900 *	58.8	102.6	11 200 *										44.0
46.0	36.3	91.0	7 000 *	44.8	96.4	8 400 *	49.4	98.7	9 300 *	56.2	101.3	10 600 *										46.0
48.0	32.4	88.0	6 500 *	41.6	94.3	7 800 *	46.4	96.9	8 700 *	53.5	99.9	10 100 *										48.0
50.0	28.0	84.6	6 100 *	38.2	91.9	7 300 *	43.2	94.9	8 100 *	50.7	98.3	9 500 *										50.0
52.0	22.8	80.4	5 700 *	34.4	89.2	6 800 *	39.9	92.6	7 600 *	47.8	96.6	9 000 *	54.6	98.9	9 500							52.0
54.0	16.2	74.7	5 200 *	30.3	86.0	6 400 *	36.3	90.1	7 100 *	44.7	94.7	8 400 *	51.8	97.4	9 000							54.0
56.0				25.6	82.2	6 000 *	32.4	87.1	6 700 *	41.5	92.5	7 900 *	49.0	95.7	8 500							56.0
58.0				19.8	77.5	5 500 *	28.0	83.7	6 200 *	38.0	90.1	7 400 *	46.0	93.9	8 100	52.7	95.9	6 900				58.0
60.0				11.7	70.4	5 000 *	22.9	79.5	5 700 *	34.3	87.4	6 900 *	42.8	91.8	7 700	49.9	94.3	6 500				60.0
62.0							16.3	73.9	5 200 *	30.1	84.2	6 500 *	39.4	89.6	7 300	46.9	92.5	6 200				62.0
64.0							3.0	62.1	4 800 *	25.4	80.4	6 100 *	35.8	87.0	7 000	43.8	90.5	5 900				64.0
66.0										19.6	75.6	5 500 *	31.8	84.0	6 600	40.5	88.3	5 600				66.0
68.0										11.2	68.3	5 000 *	27.3	80.4	6 300	37.0	85.8	5 300	44.5	88.6	4 300	68.0
70.0													22.1	76.1	5 800 *	33.2	83.0	5 000	41.3	86.5	4 100	70.0
72.0													15.1	70.2	5 300 *	28.9	79.7	4 800	37.8	84.0	3 900	72.0
76.0																17.6	70.4	4 300	29.9	78.1	3 500	76.0
80.0																			19.2	69.3	3 100	80.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

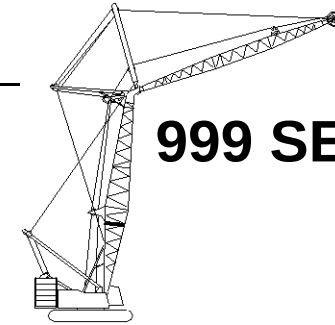
61.0m (200 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	59.3	81.7	36 300 *b																			15.2
16.0	56.9	81.2	35 300 *b																			16.0
18.0	50.2	79.7	32 600 *b																			18.0
20.0	42.8	77.8	30 000 *																			20.0
22.0	34.1	75.3	27 700 *	54.6	80.3	33 500 *b																22.0
24.0	22.8	71.6	25 600 *	47.7	78.7	30 500 *b																24.0
26.0				39.9	76.6	27 700 *	51.7	79.1	30 100 *b													26.0
28.0				30.6	73.7	25 400 *	44.5	77.3	27 600 *b													28.0
30.0				17.3	69.2	23 400 *	36.2	75.0	25 400 *	55.7	78.8	23 600 b										30.0
32.0							25.8	71.6	23 600 *	48.9	77.2	21 800 b										32.0
34.0										41.3	75.2	20 200										34.0
36.0										32.3	72.6	18 800	52.5	76.4	16 900 b							36.0
38.0										20.1	68.5	17 600	45.4	74.7	15 800							38.0
40.0													37.3	72.4	14 800							40.0
42.0													27.2	69.3	13 900	48.7	73.4	12 300				42.0
44.0													10.5	63.4	13 000	41.0	71.4	11 600				44.0
46.0																32.0	68.7	10 900				46.0
48.0																19.7	64.6	10 300				48.0
50.0																			43.8	69.7	9 000	50.0
52.0																			35.4	67.3	8 500	52.0
																			24.6	63.8	8 000	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

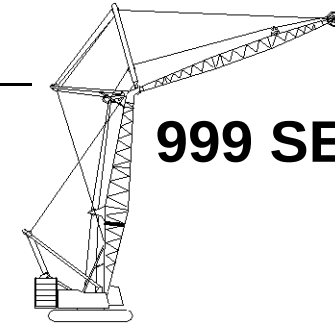
61.0m (200 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	63.4	85.2	34 000 *b																			15.2
16.0	61.4	84.8	33 100 *b																			16.0
18.0	55.9	83.6	30 800 *b																			18.0
20.0	50.0	82.0	28 500 *	64.8	85.0	34 900 *b																20.0
22.0	43.6	80.2	26 300 *	59.5	83.9	32 700 *b																22.0
24.0	36.3	77.8	24 300 *	53.9	82.6	30 300 *	62.6	84.0	31 900 *b													24.0
26.0	27.3	74.6	22 500 *	47.8	81.0	27 500 *	57.2	82.9	29 900 *b													26.0
28.0				41.1	78.9	25 200 *	51.4	81.4	27 400 *													28.0
30.0				33.4	76.3	23 200 *	45.1	79.6	25 200 *													30.0
32.0				23.5	72.6	21 500 *	38.0	77.4	23 400 *	54.9	81.1	21 600 b										32.0
34.0							29.5	74.4	21 700 *	48.9	79.5	20 100										34.0
36.0							17.8	69.8	20 300 *	42.3	77.6	18 700										36.0
38.0										34.7	75.1	17 500	52.1	78.7	15 600							38.0
40.0										25.4	71.6	16 400	45.9	77.0	14 600							40.0
42.0													38.9	74.8	13 700							42.0
44.0													30.6	71.9	12 900	48.7	75.7	11 400				44.0
46.0													19.5	67.7	12 100	42.1	73.8	10 700				46.0
48.0																34.5	71.2	10 100				48.0
50.0																25.0	67.7	9 600				50.0
52.0																			37.3	69.7	7 800	52.0
54.0																			28.6	66.6	7 400	54.0
56.0																			16.3	61.8	7 000	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

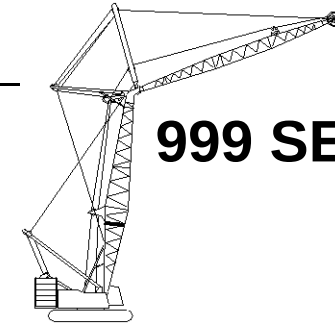
61.0m (200 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	66.6	88.5	31 600 *b																			15.2
16.0	64.8	88.2	30 900 *b																			16.0
18.0	60.1	87.1	29 000 *b																			18.0
20.0	55.2	85.9	27 000 *	67.8	88.3	32 000 *b																20.0
22.0	49.9	84.3	25 100 *	63.2	87.4	31 300 *b																22.0
24.0	44.2	82.5	23 300 *	58.4	86.3	29 900 *																24.0
26.0	37.8	80.2	21 600 *	53.4	84.9	27 400 *	61.2	86.4	29 200 *b													26.0
28.0	30.4	77.2	20 000 *	48.0	83.3	25 100 *	56.3	85.2	27 300 *													28.0
30.0	20.7	73.0	18 800 *	42.1	81.3	23 100 *	51.1	83.7	25 100 *													30.0
32.0				35.4	78.8	21 400 *	45.5	82.0	23 200 *	59.2	84.7	21 500										32.0
34.0				27.3	75.5	19 800 *	39.3	79.8	21 600 *	54.2	83.4	20 000										34.0
36.0				16.0	70.5	18 500 *	32.2	77.0	20 200 *	48.9	81.8	18 600										36.0
38.0							23.2	73.2	18 800 *	43.1	79.9	17 400										38.0
40.0										36.6	77.5	16 300	51.8	81.1	14 500							40.0
42.0										28.8	74.4	15 300	46.2	79.3	13 600							42.0
44.0										18.4	69.8	14 400	40.1	77.2	12 800							44.0
46.0													33.1	74.5	12 100	48.7	78.0	10 600				46.0
48.0													24.4	70.8	11 400	42.9	76.1	10 000				48.0
50.0													10.4	64.5	10 800	36.4	73.7	9 500				50.0
52.0																28.6	70.5	8 900	45.0	74.3	7 700	52.0
54.0																18.0	65.9	8 500	38.7	72.1	7 300	54.0
56.0																			31.5	69.2	6 900	56.0
58.0																			22.2	65.3	6 500	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

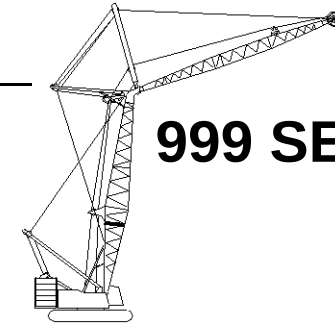
61.0m (200 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	69.0	91.8	25 300 *b																			15.2
16.0	67.5	91.5	25 100 *b																			16.0
18.0	63.4	90.6	24 400 *																			18.0
20.0	59.1	89.5	23 800 *	70.1	91.5	25 900 *b																20.0
22.0	54.6	88.2	23 200 *	66.1	90.7	25 500 *b																22.0
24.0	49.8	86.6	21 800 *	61.9	89.8	25 100 *																24.0
26.0	44.7	84.8	20 300 *	57.5	88.6	24 700 *	64.3	89.8	25 200 *b													26.0
28.0	39.1	82.6	18 900 *	52.9	87.2	24 200 *	60.1	88.8	24 900 *													28.0
30.0	32.7	79.8	17 700 *	48.1	85.6	23 100 *	55.6	87.5	24 400 *													30.0
32.0	24.8	76.2	16 600 *	42.8	83.6	21 300 *	50.9	86.0	23 100 *	62.6	88.2	21 300										32.0
34.0				36.9	81.2	19 700 *	45.9	84.3	21 500 *	58.3	87.1	19 700										34.0
36.0				30.1	78.2	18 400 *	40.4	82.1	20 000 *	53.7	85.7	18 400										36.0
38.0				21.5	74.0	17 200 *	34.2	79.5	18 700 *	48.9	84.1	17 200										38.0
40.0							26.8	76.1	17 600 *	43.7	82.2	16 100	56.1	84.8	14 300							40.0
42.0							16.6	71.1	16 500 *	37.9	79.9	15 100	51.5	83.4	13 400							42.0
44.0										31.3	77.0	14 200	46.5	81.6	12 600							44.0
46.0										23.1	73.1	13 400	41.1	79.5	11 900							46.0
48.0													35.0	77.0	11 200	48.8	80.3	9 800				48.0
50.0													27.7	73.7	10 600	43.5	78.4	9 200				50.0
52.0													18.0	68.9	10 100	37.8	76.1	8 800				52.0
54.0																31.1	73.2	8 300	45.4	76.6	7 100	54.0
56.0																22.8	69.2	7 800	39.8	74.4	6 700	56.0
58.0																			33.6	71.8	6 300	58.0
60.0																			26.0	68.3	6 000	60.0
62.0																			15.3	62.9	5 700	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

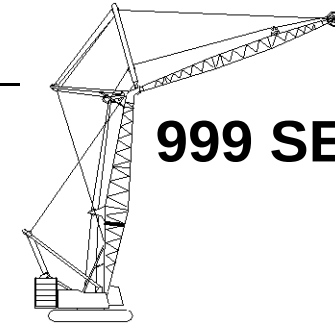
61.0m (200 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	71.0	95.1	24 000 *b																			15.2
16.0	69.6	94.8	23 800 *b																			16.0
18.0	66.0	94.0	23 300 *																			18.0
20.0	62.1	93.0	22 800 *																			20.0
22.0	58.2	91.9	22 100 *	68.4	94.0	24 100 *b																22.0
24.0	54.1	90.5	20 800 *	64.6	93.2	23 700 *																24.0
26.0	49.8	88.9	19 400 *	60.8	92.1	23 400 *	66.8	93.2	23 700 *b													26.0
28.0	45.1	87.1	18 200 *	56.8	90.9	23 000 *	63.0	92.3	23 500 *													28.0
30.0	40.1	84.9	17 000 *	52.6	89.5	22 500 *	59.1	91.1	23 300 *													30.0
32.0	34.4	82.3	16 000 *	48.2	87.9	21 200 *	55.0	89.8	22 600 *													32.0
34.0	27.8	79.0	15 000 *	43.4	85.9	19 700 *	50.7	88.3	21 400 *	61.4	90.6	19 800										34.0
36.0	19.2	74.4	14 200 *	38.2	83.6	18 400 *	46.2	86.6	20 000 *	57.5	89.4	18 400										36.0
38.0				32.2	80.8	17 200 *	41.2	84.5	18 700 *	53.3	88.0	17 200										38.0
40.0				25.1	77.1	16 100 *	35.7	82.0	17 600 *	48.9	86.4	16 100										40.0
42.0				15.1	71.6	15 100 *	29.4	78.8	16 500 *	44.2	84.5	15 100	55.5	87.1	13 400							42.0
44.0							21.4	74.6	15 600 *	39.1	82.3	14 200	51.3	85.7	12 600							44.0
46.0										33.3	79.6	13 400	46.7	83.9	11 900							46.0
48.0										26.4	76.1	12 700	41.8	81.9	11 200							48.0
50.0										17.2	71.1	12 000	36.4	79.4	10 700	48.8	82.6	9 200				50.0
52.0													30.2	76.4	10 100	44.1	80.7	8 800				52.0
54.0													22.5	72.3	9 500	38.9	78.5	8 300				54.0
56.0													10.4	65.5	9 000	33.1	75.7	7 900				56.0
58.0																26.2	72.2	7 500	40.7	76.8	6 300	58.0
60.0																16.8	67.1	7 100	35.2	74.2	6 000	60.0
62.0																			28.7	71.0	5 700	62.0
64.0																			20.5	66.7	5 400	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

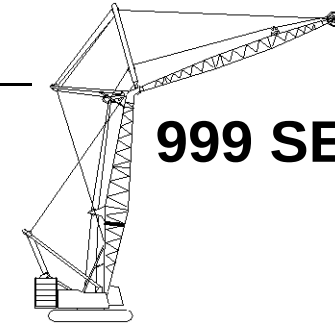
61.0m (200 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	72.7	98.3	22 600 *b																			15.2
16.0	71.4	98.0	22 400 *b																			16.0
18.0	68.1	97.3	21 900 *																			18.0
20.0	64.6	96.4	21 500 *																			20.0
22.0	61.1	95.4	20 800 *																			22.0
24.0	57.5	94.2	19 600 *	66.9	96.5	22 200 *																24.0
26.0	53.7	92.8	18 500 *	63.4	95.6	21 900 *																26.0
28.0	49.7	91.2	17 400 *	59.9	94.5	21 500 *	65.4	95.6	21 800 *													28.0
30.0	45.4	89.4	16 300 *	56.2	93.3	20 700 *	61.9	94.6	21 700 *													30.0
32.0	40.9	87.3	15 300 *	52.3	91.8	19 900 *	58.3	93.5	21 200 *													32.0
34.0	35.8	84.8	14 400 *	48.2	90.2	19 000 *	54.5	92.2	20 400 *													34.0
36.0	30.0	81.7	13 500 *	43.9	88.2	18 100 *	50.6	90.6	19 600 *	60.5	93.0	18 200										36.0
38.0	23.0	77.7	12 800 *	39.1	86.0	17 000 *	46.4	88.9	18 500 *	56.8	91.8	17 000										38.0
40.0				33.9	83.3	15 900 *	41.9	86.8	17 300 *	53.0	90.4	15 900										40.0
42.0				27.8	79.9	14 900 *	37.0	84.4	16 300 *	48.9	88.7	14 900										42.0
44.0				20.0	75.4	14 000 *	31.4	81.4	15 400 *	44.6	86.9	14 100	55.0	89.5	12 400							44.0
46.0							24.8	77.7	14 500 *	40.0	84.7	13 300	51.1	88.0	11 700							46.0
48.0							15.7	72.3	13 700 *	34.8	82.0	12 600	46.9	86.2	11 000							48.0
50.0										28.9	78.8	11 900	42.5	84.2	10 500							50.0
52.0										21.5	74.6	11 300	37.6	81.8	9 900	48.8	84.9	8 500				52.0
54.0													32.1	78.9	9 400	44.5	83.1	8 100				54.0
56.0													25.6	75.3	8 900	39.8	80.8	7 700				56.0
58.0													17.0	70.2	8 500	34.6	78.2	7 300	46.0	81.2	6 100	58.0
60.0																28.7	75.0	6 900	41.5	79.1	5 800	60.0
62.0																21.2	70.7	6 600	36.5	76.7	5 500	62.0
64.0																9.3	63.4	6 200	30.8	73.7	5 200	64.0
66.0																			24.0	69.8	5 000	66.0
68.0																			14.6	64.1	4 700	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.0	101.5	21 200 *b																			15.2
16.0	72.9	101.2	21 000 *b																			16.0
18.0	69.8	100.6	20 600 *																			18.0
20.0	66.7	99.8	20 200 *																			20.0
22.0	63.5	98.8	19 400 *																			22.0
24.0	60.2	97.8	18 400 *	68.7	99.8	20 700 *																24.0
26.0	56.9	96.5	17 500 *	65.6	99.0	20 400 *																26.0
28.0	53.3	95.1	16 500 *	62.4	98.0	19 800 *																28.0
30.0	49.6	93.5	15 600 *	59.1	96.9	19 000 *	64.2	98.1	20 000 *													30.0
32.0	45.7	91.7	14 700 *	55.6	95.6	18 300 *	61.0	97.0	19 400 *													32.0
34.0	41.5	89.6	13 800 *	52.1	94.1	17 500 *	57.6	95.8	18 700 *													34.0
36.0	37.0	87.2	13 000 *	48.3	92.5	16 800 *	54.1	94.5	18 000 *													36.0
38.0	31.8	84.3	12 300 *	44.3	90.5	16 100 *	50.5	92.9	17 300 *	59.6	95.3	16 800										38.0
40.0	25.8	80.6	11 600 *	40.0	88.3	15 400 *	46.6	91.2	16 600 *	56.2	94.1	15 800										40.0
42.0	18.1	75.7	11 100 *	35.2	85.7	14 700 *	42.5	89.1	16 000 *	52.7	92.7	14 800										42.0
44.0				29.9	82.6	13 900 *	38.0	86.8	15 200 *	48.9	91.0	14 000										44.0
46.0				23.4	78.6	13 100 *	33.0	84.0	14 400 *	45.0	89.2	13 200	54.5	91.8	11 600							46.0
48.0				14.5	72.8	12 300 *	27.3	80.5	13 600 *	40.7	87.0	12 400	50.9	90.3	10 900							48.0
50.0							20.1	76.0	12 800 *	36.1	84.5	11 800	47.1	88.5	10 300							50.0
52.0										30.8	81.5	11 200	43.0	86.5	9 800	52.6	88.9	8 400				52.0
54.0										24.6	77.6	10 600	38.6	84.2	9 300	48.8	87.2	8 000				54.0
56.0										16.3	72.3	10 100	33.7	81.5	8 800	44.9	85.4	7 600				56.0
58.0													28.0	78.1	8 400	40.6	83.2	7 100				58.0
60.0													21.0	73.7	8 000	35.9	80.7	6 800	46.2	83.5	5 700	60.0
62.0													10.3	66.6	7 500	30.6	77.6	6 500	42.1	81.5	5 400	62.0
64.0																24.4	73.8	6 100	37.6	79.1	5 100	64.0
66.0																16.0	68.3	5 800	32.5	76.2	4 800	66.0
68.0																			26.7	72.7	4 600	68.0
70.0																			19.3	68.0	4 400	70.0

Liftcrane Luffing Jib Capacities

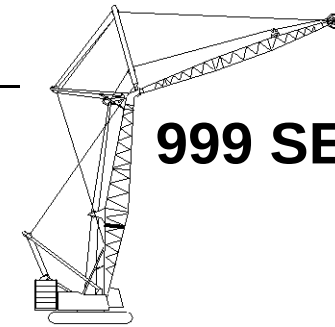
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

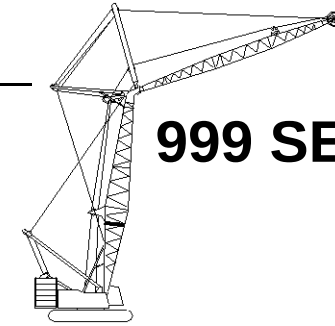
61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.2	104.6	19 800 *b																			15.2
16.0	74.1	104.4	19 700 *b																			16.0
18.0	71.3	103.8	19 300 *																			18.0
20.0	68.5	103.1	18 600 *																			20.0
22.0	65.5	102.2	17 900 *																			22.0
24.0	62.6	101.2	17 200 *																			24.0
26.0	59.5	100.1	16 400 *	67.4	102.3	18 800 *																26.0
28.0	56.3	98.9	15 600 *	64.5	101.4	18 100 *																28.0
30.0	53.0	97.5	14 800 *	61.5	100.4	17 400 *	66.2	101.4	18 300 *													30.0
32.0	49.6	95.8	14 000 *	58.4	99.2	16 600 *	63.2	100.5	17 700 *													32.0
34.0	46.0	94.0	13 200 *	55.2	97.9	15 900 *	60.2	99.4	17 100 *													34.0
36.0	42.1	92.0	12 500 *	51.8	96.4	15 200 *	57.0	98.2	16 400 *													36.0
38.0	37.9	89.6	11 800 *	48.3	94.8	14 500 *	53.8	96.8	15 700 *													38.0
40.0	33.3	86.8	11 200 *	44.6	92.9	13 800 *	50.4	95.2	15 000 *	58.9	97.7	15 600										40.0
42.0	28.0	83.4	10 600 *	40.7	90.7	13 200 *	46.8	93.5	14 400 *	55.7	96.4	14 600										42.0
44.0	21.6	79.1	10 100 *	36.4	88.2	12 600 *	43.0	91.5	13 700 *	52.4	95.0	13 800										44.0
46.0				31.5	85.2	12 000 *	38.9	89.2	13 100 *	48.9	93.3	13 000	57.4	95.5	11 400							46.0
48.0				26.0	81.6	11 500 *	34.4	86.5	12 500 *	45.3	91.5	12 300	54.2	94.1	10 700							48.0
50.0				18.9	76.7	11 000 *	29.3	83.3	12 000 *	41.3	89.4	11 600	50.8	92.6	10 100							50.0
52.0							23.2	79.2	11 400 *	37.1	86.9	11 000	47.2	90.8	9 600							52.0
54.0							15.0	73.4	11 000 *	32.4	84.0	10 500	43.4	88.9	9 100							54.0
56.0										27.0	80.5	9 900	39.4	86.6	8 600	48.8	89.5	7 300				56.0
58.0										20.2	75.9	9 500	34.9	83.9	8 200	45.2	87.7	7 000				58.0
60.0													29.9	80.8	7 800	41.2	85.5	6 600				60.0
62.0													24.0	76.9	7 400	37.0	83.1	6 300				62.0
64.0													16.2	71.4	7 100	32.2	80.2	6 000	42.6	83.8	4 900	64.0
66.0																26.8	76.7	5 700	38.5	81.5	4 700	66.0
68.0																20.0	72.0	5 400	33.9	78.7	4 400	68.0
70.0																9.5	64.4	5 100	28.8	75.5	4 200	70.0
72.0																			22.6	71.3	3 900	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.2	107.4	18 000 *																			16.8
18.0	72.6	107.0	17 700 *																			18.0
20.0	70.0	106.3	17 100 *																			20.0
22.0	67.3	105.5	16 500 *																			22.0
24.0	64.5	104.6	15 900 *																			24.0
26.0	61.7	103.6	15 300 *	69.0	105.6	17 300 *																26.0
28.0	58.8	102.5	14 600 *	66.3	104.8	16 600 *																28.0
30.0	55.9	101.2	13 900 *	63.5	103.8	16 000 *																30.0
32.0	52.8	99.8	13 200 *	60.7	102.8	15 300 *	65.1	103.9	16 200 *													32.0
34.0	49.5	98.1	12 500 *	57.8	101.6	14 600 *	62.4	102.9	15 600 *													34.0
36.0	46.2	96.3	11 900 *	54.8	100.2	13 900 *	59.5	101.8	15 000 *													36.0
38.0	42.6	94.3	11 300 *	51.7	98.7	13 200 *	56.5	100.5	14 400 *													38.0
40.0	38.7	92.0	10 700 *	48.4	97.1	12 600 *	53.5	99.1	13 700 *	61.2	101.2	15 000 *										40.0
42.0	34.5	89.3	10 200 *	44.9	95.2	12 000 *	50.3	97.5	13 100 *	58.3	100.1	14 500 *										42.0
44.0	29.8	86.1	9 700 *	41.3	93.0	11 300 *	46.9	95.8	12 400 *	55.3	98.7	13 700 *										44.0
46.0	24.3	82.2	9 200 *	37.3	90.6	10 800 *	43.4	93.8	11 800 *	52.2	97.3	13 000 *										46.0
48.0	17.3	76.9	8 800 *	32.9	87.7	10 200 *	39.6	91.5	11 200 *	48.9	95.6	12 200 *	56.9	97.8	10 700 *							48.0
50.0				28.0	84.3	9 700 *	35.5	88.9	10 600 *	45.5	93.8	11 600 *	53.8	96.4	10 100 *							50.0
52.0				22.1	80.1	9 300 *	30.9	85.9	10 100 *	41.9	91.7	11 000 *	50.7	94.9	9 600 *							52.0
54.0				14.0	73.9	8 900 *	25.6	82.2	9 600 *	38.0	89.3	10 400 *	47.3	93.1	9 000 *							54.0
56.0							19.1	77.3	9 200 *	33.7	86.5	9 900 *	43.8	91.2	8 600 *							56.0
58.0										28.9	83.2	9 400 *	40.1	88.9	8 100 *	48.8	91.8	6 900 *				58.0
60.0										23.2	79.1	9 000 *	36.0	86.4	7 800 *	45.4	90.0	6 600 *				60.0
62.0										15.6	73.5	8 500 *	31.5	83.4	7 400 *	41.8	87.9	6 200 *				62.0
64.0													26.3	79.8	7 000 *	37.9	85.5	5 900 *	46.6	88.1	4 800 *	64.0
66.0													19.9	75.1	6 700 *	33.6	82.7	5 600 *	43.1	86.1	4 600 *	66.0
68.0													10.3	67.7	6 400 *	28.7	79.4	5 400 *	39.3	83.8	4 400 *	68.0
70.0																23.0	75.3	5 100 *	35.1	81.2	4 100 *	70.0
72.0																15.3	69.5	4 800 *	30.5	78.1	3 900 *	72.0
76.0																			18.3	69.3	3 500 *	76.0

Liftcrane Luffing Jib Capacities

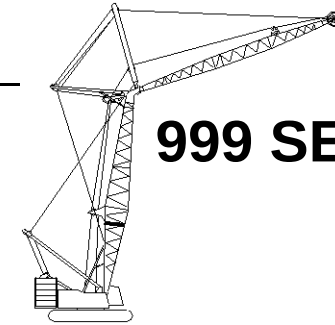
Luffing Jib No. 135 On Boom No. 82 or 22EL

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 3

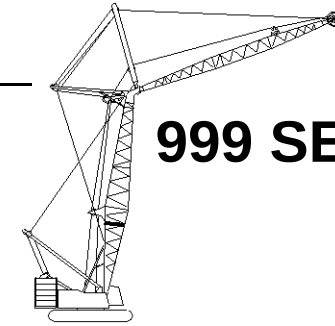
61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.2	110.5	16 300 *																			16.8
18.0	73.7	110.2	16 100 *																			18.0
20.0	71.3	109.5	15 600 *																			20.0
22.0	68.8	108.8	15 200 *																			22.0
24.0	66.2	108.0	14 600 *																			24.0
26.0	63.6	107.1	13 900 *	70.4	108.8	15 500 *																26.0
28.0	61.0	106.0	13 300 *	67.9	108.1	15 200 *																28.0
30.0	58.2	104.8	12 600 *	65.3	107.2	14 500 *																30.0
32.0	55.4	103.5	11 900 *	62.7	106.2	13 900 *	66.8	107.2	14 600 *													32.0
34.0	52.5	102.1	11 200 *	60.0	105.1	13 200 *	64.2	106.3	14 200 *													34.0
36.0	49.5	100.4	10 600 *	57.3	103.9	12 500 *	61.6	105.3	13 500 *													36.0
38.0	46.3	98.6	10 000 *	54.4	102.6	11 900 *	58.9	104.1	13 000 *													38.0
40.0	43.0	96.6	9 500 *	51.5	101.0	11 300 *	56.1	102.8	12 300 *													40.0
42.0	39.4	94.3	8 900 *	48.4	99.4	10 600 *	53.2	101.4	11 700 *	60.5	103.6	13 000 *										42.0
44.0	35.6	91.7	8 400 *	45.2	97.5	10 000 *	50.2	99.8	11 100 *	57.7	102.4	12 500 *										44.0
46.0	31.3	88.7	7 900 *	41.8	95.4	9 400 *	47.1	98.1	10 400 *	54.9	101.1	11 900 *										46.0
48.0	26.4	85.1	7 500 *	38.1	93.0	8 900 *	43.8	96.1	9 900 *	52.0	99.6	11 400 *										48.0
50.0	20.6	80.5	7 100 *	34.1	90.2	8 400 *	40.3	93.9	9 300 *	48.9	97.9	10 800 *										50.0
52.0				29.7	87.0	7 900 *	36.5	91.4	8 800 *	45.7	96.1	10 300 *	53.5	98.7	9 300							52.0
54.0				24.5	83.1	7 500 *	32.3	88.4	8 300 *	42.4	94.0	9 700 *	50.6	97.2	8 900							54.0
56.0				18.1	78.0	7 100 *	27.6	85.0	7 800 *	38.7	91.7	9 200 *	47.4	95.4	8 400							56.0
58.0							22.0	80.6	7 400 *	34.8	89.0	8 700 *	44.2	93.5	8 000	51.9	95.8	6 700				58.0
60.0							14.5	74.6	7 000 *	30.5	85.9	8 200 *	40.7	91.3	7 600	48.8	94.1	6 400				60.0
62.0										25.4	82.1	7 700 *	36.9	88.8	7 200	45.6	92.3	6 000				62.0
64.0										19.3	77.3	7 300 *	32.8	85.9	6 800	42.3	90.2	5 800				64.0
66.0													28.2	82.5	6 500	38.6	87.9	5 500	46.8	90.4	4 400	66.0
68.0													22.7	78.3	6 200	34.7	85.2	5 200	43.5	88.5	4 100	68.0
70.0													15.6	72.6	5 900	30.3	82.0	4 900	39.9	86.2	3 900	70.0
72.0																25.3	78.3	4 700	36.1	83.6	3 700	72.0
76.0																9.6	65.5	4 200	27.1	77.1	3 300	76.0
80.0																			13.6	66.4	3 000	80.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.4	113.3	14 600 *																			18.3
20.0	72.4	112.8	14 300 *																			20.0
22.0	70.1	112.1	13 900 *																			22.0
24.0	67.7	111.3	13 500 *																			24.0
26.0	65.3	110.4	12 800 *																			26.0
28.0	62.8	109.5	12 100 *	69.2	111.3	13 600 *																28.0
30.0	60.3	108.4	11 500 *	66.9	110.5	13 300 *																30.0
32.0	57.7	107.2	10 800 *	64.4	109.6	12 700 *																32.0
34.0	55.1	105.8	10 200 *	61.9	108.6	12 100 *	65.8	109.6	12 700 *													34.0
36.0	52.3	104.4	9 600 *	59.4	107.5	11 400 *	63.4	108.7	12 400 *													36.0
38.0	49.5	102.7	9 100 *	56.8	106.2	10 800 *	60.9	107.6	11 800 *													38.0
40.0	46.5	100.9	8 500 *	54.1	104.9	10 200 *	58.3	106.5	11 200 *													40.0
42.0	43.4	98.9	8 000 *	51.3	103.3	9 600 *	55.7	105.2	10 600 *													42.0
44.0	40.1	96.7	7 400 *	48.5	101.7	9 000 *	53.0	103.7	10 000 *	59.8	106.0	11 300 *										44.0
46.0	36.5	94.2	7 000 *	45.4	99.8	8 400 *	50.1	102.1	9 400 *	57.2	104.7	10 800 *										46.0
48.0	32.6	91.3	6 500 *	42.2	97.7	7 900 *	47.2	100.4	8 800 *	54.6	103.4	10 300 *										48.0
50.0	28.2	87.8	6 100 *	38.8	95.4	7 400 *	44.1	98.4	8 300 *	51.8	101.9	9 800 *										50.0
52.0	23.1	83.7	5 700 *	35.2	92.7	7 000 *	40.8	96.2	7 800 *	48.9	100.2	9 200 *	56.0	102.5	9 200							52.0
54.0	16.6	78.1	5 200 *	31.1	89.6	6 500 *	37.3	93.8	7 300 *	45.9	98.4	8 700 *	53.3	101.0	8 700							54.0
56.0				26.5	86.0	6 100 *	33.5	91.0	6 800 *	42.8	96.4	8 200 *	50.5	99.5	8 300							56.0
58.0				21.0	81.5	5 600 *	29.2	87.7	6 400 *	39.4	94.1	7 600 *	47.5	97.7	7 900							58.0
60.0				13.6	75.1	5 100 *	24.3	83.7	6 000 *	35.8	91.5	7 200 *	44.5	95.8	7 500	51.7	98.1	6 200				60.0
62.0							18.2	78.6	5 400 *	31.8	88.5	6 700 *	41.2	93.6	7 100	48.9	96.4	5 900				62.0
64.0							8.7	70.2	4 900 *	27.3	84.9	6 300 *	37.7	91.2	6 800	45.9	94.6	5 600				64.0
66.0										22.0	80.6	5 800 *	34.0	88.4	6 400	42.7	92.5	5 300				66.0
68.0										15.1	74.6	5 300 *	29.8	85.2	6 100	39.3	90.2	5 000				68.0
70.0													24.9	81.4	5 800	35.7	87.6	4 800	43.8	90.8	3 800	70.0
72.0													19.0	76.4	5 600	31.7	84.6	4 600	40.5	88.6	3 600	72.0
76.0																21.9	76.7	4 100	33.1	83.2	3 200	76.0
80.0																			23.8	75.8	2 800	80.0