

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 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.

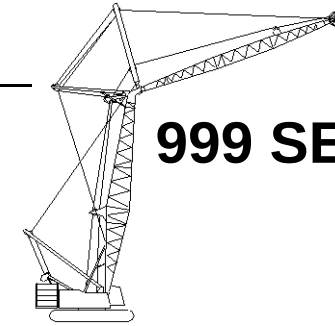
Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and luffing jib point sheaves, is considered part of luffing jib load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation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

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

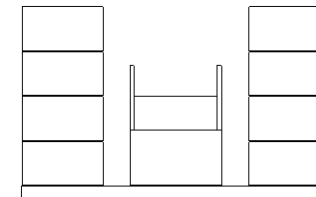


999 SERIES 2

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, 83 730 kg crane counterweight and two 9 980 kg carbody counterweights.

Consult chart **No. 8242-AM** for lifting off lower boom point with luffing jib attached. Consult chart **No. 8583-AM** for intermediate fall capacities. Consult chart **No. 8585-AM** for intermediate fall capacities with fixed jib attached. Chart **No. 8242-AM** and **No. 8583-AM** cannot be used when fixed jib No. 138 is attached to luffing jib No. 135.



83 730 kg Crane Counterweight
8 Side Boxes - 1 Center Box

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

Intermediate Fall Deduct

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

Boom Catwalks Deduct

Deduct 150 kg from capacities when boom catwalks are attached.

Liftcrane Luffing Jib Capacities

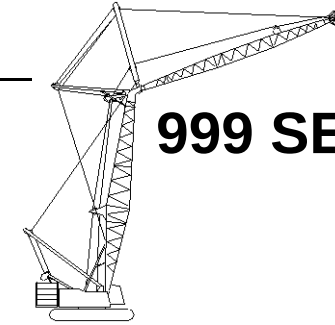
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

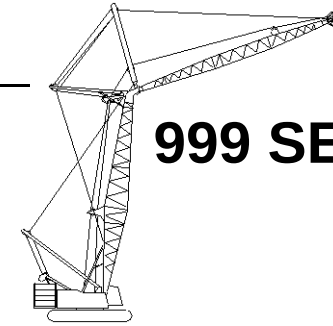
21.3m (70 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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.	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	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	43 400 *b													18.0
20.0	37.0	36.6	33 800 *	44.6	38.5	38 800 *	48.7	39.4	39 000	54.8	40.3	37 900 b										20.0
22.0	26.8	33.4	28 700 *	36.3	36.2	33 500 *	41.0	37.4	34 600	47.9	38.7	33 600	54.0	39.5	32 700 b							22.0
24.0				25.9	32.9	29 100 *	32.0	34.7	31 100	40.2	36.7	30 200	47.1	37.9	29 300							24.0
26.0										31.0	33.9	27 400	39.2	35.8	26 500	45.9	36.8	25 800				26.0
28.0										18.0	29.5	24 500	29.7	32.8	24 200	37.9	34.6	23 500	44.5	35.6	22 800	28.0
30.0													15.8	28.1	22 200	28.0	31.5	21 600	36.2	33.2	20 900	30.0
32.0																12.4	26.1	19 900	25.8	29.9	19 300	32.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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	43 100 *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	37 800 b										20.0
22.0	38.6	39.0	29 800 *	45.2	40.8	33 900 *	48.7	41.7	34 700	54.1	42.6	33 500										22.0
24.0	30.3	36.1	26 400 *	38.1	38.6	29 600 *	42.1	39.7	31 000	48.1	41.0	30 100	53.4	41.9	29 200							24.0
26.0				29.6	35.6	26 200 *	34.5	37.2	28 100 *	41.4	39.0	27 300	47.3	40.2	26 400	52.5	40.9	25 600				26.0
28.0				18.0	31.1	22 100 *	25.0	33.7	24 900 *	33.7	36.4	24 800	40.5	38.1	24 100	46.3	39.1	23 400				28.0
30.0										23.9	32.8	22 800	32.6	35.4	22 100	39.4	37.0	21 400				30.0
32.0										5.0	25.0	19 300	22.5	31.6	20 400	31.3	34.2	19 800	38.0	35.6	19 200	32.0
34.0																20.5	30.1	18 300	29.5	32.6	17 800	34.0
36.0																			17.8	28.1	16 500	36.0

Liftcrane Luffing Jib Capacities

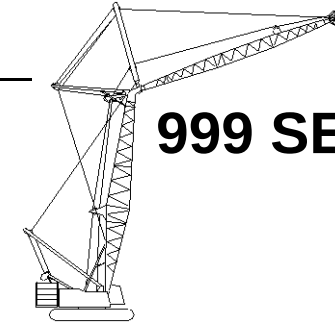
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

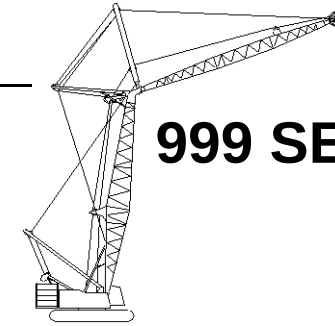
21.3m (70 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

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	33 600 *													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	33 100										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	30 100										24.0
26.0	32.8	38.6	24 000 *	39.4	41.0	26 600 *	42.9	42.0	28 100	48.2	43.3	27 200	52.9	44.2	26 300							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	24 800	47.5	42.5	24 000							28.0
30.0				23.3	34.4	21 300 *	28.6	36.5	22 800 *	35.6	38.9	22 700	41.5	40.5	22 100	46.6	41.4	21 400				30.0
32.0				7.5	27.2	15 900 *	18.0	31.8	20 300 *	27.7	35.6	21 000	34.8	37.9	20 400	40.6	39.3	19 700	45.5	40.2	19 100	32.0
34.0										16.6	30.7	19 100	26.6	34.5	18 800	33.6	36.7	18 300	39.3	38.0	17 700	34.0
36.0													14.7	29.2	17 500	25.1	33.2	17 000	32.2	35.2	16 400	36.0
38.0																12.0	27.2	15 800	23.2	31.4	15 300	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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.	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	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	27 100	57.1	47.9	26 200							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	24 700	52.5	46.5	23 900							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	22 600	47.6	44.8	21 900							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	20 900	42.3	42.8	20 200	46.9	43.8	19 500				32.0
34.0				16.7	32.3	16 900 *	22.8	35.2	18 700 *	30.4	38.3	19 300	36.4	40.4	18 700	41.5	41.7	18 100	45.9	42.5	17 500	34.0
36.0										21.8	34.2	18 000	29.5	37.3	17 400	35.4	39.2	16 800	40.4	40.3	16 300	36.0
38.0										6.4	26.3	15 100	20.6	33.0	16 200	28.3	36.0	15 700	34.2	37.7	15 200	38.0
40.0																18.9	31.4	14 700	26.8	34.3	14 200	40.0
42.0																			16.6	29.3	13 300	42.0

Liftcrane Luffing Jib Capacities

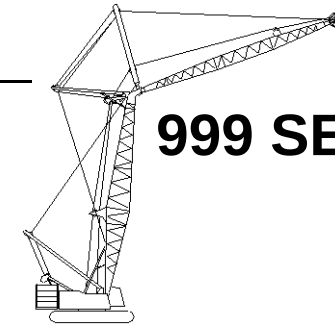
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

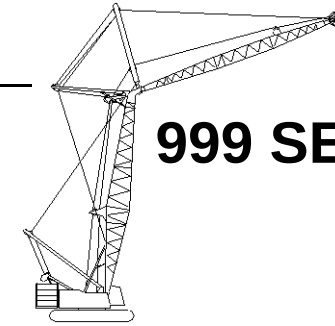
21.3m (70 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

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	24 700	56.4	50.2	23 900							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	22 600	52.2	48.8	21 900							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	20 900	47.8	47.1	20 200	51.6	47.8	19 500				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	19 300	43.0	45.1	18 700	47.1	46.1	18 100				34.0
36.0				21.5	35.8	15 800 *	26.2	38.1	17 300 *	32.5	40.9	18 000	37.7	42.8	17 400	42.2	44.0	16 800				36.0
38.0				8.1	28.3	11 900 *	16.8	33.0	14 900 *	25.4	37.3	16 800	31.7	39.9	16 300	36.8	41.6	15 700	41.2	42.7	15 200	38.0
40.0										15.6	31.9	15 300	24.4	36.1	15 200	30.7	38.6	14 700	35.7	40.2	14 200	40.0
42.0													14.0	30.4	14 300	23.1	34.7	13 800	29.4	37.0	13 400	42.0
44.0																11.6	28.3	13 000	21.4	32.8	12 500	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

21.3m (70 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	75.4	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	21 800							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	20 700	52.0	51.1	20 000							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	19 200	47.9	49.4	18 600	51.4	50.1	18 000				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	17 900	43.5	47.4	17 300	47.2	48.4	16 700				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	16 700	38.7	45.2	16 200	42.8	46.4	15 600				38.0
40.0				15.8	33.5	12 400 *	21.2	36.6	14 500 *	28.0	40.1	15 600	33.4	42.4	15 100	38.0	44.0	14 600	41.9	45.0	14 100	40.0
42.0										20.4	35.6	14 500 *	27.2	39.0	14 200	32.5	41.2	13 700	37.0	42.6	13 200	42.0
44.0										7.2	27.4	11 600 *	19.2	34.3	13 300	26.1	37.6	12 900	31.4	39.7	12 400	44.0
46.0																17.7	32.6	12 100	24.8	35.9	11 700	46.0
48.0																			15.7	30.5	11 000	48.0

Liftcrane Luffing Jib Capacities

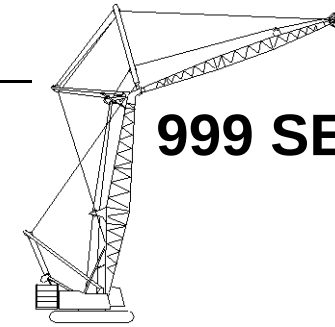
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

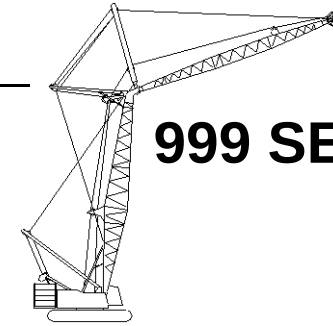
21.3m (70 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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	20 400 *	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	16 600				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	15 500				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	15 000	43.3	48.7	14 500	46.6	49.4	14 000	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	14 100	38.9	46.4	13 600	42.5	47.4	13 100	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	13 300	34.0	43.7	12 800	38.0	45.0	12 300	44.0
46.0										14.9	33.1	12 300 *	22.8	37.6	12 500	28.5	40.4	12 100	33.0	42.2	11 600	46.0
48.0													13.5	31.5	11 800	21.6	36.1	11 400	27.3	38.8	11 000	48.0
50.0																11.4	29.4	10 700	20.1	34.2	10 400	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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.	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	75.4	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	13 500				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	12 600	43.0	49.7	12 200	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	11 900	38.9	47.4	11 500	46.0
48.0										19.2	36.9	10 800 *	25.4	40.6	11 200 *	30.3	43.0	11 200	34.4	44.7	10 800	48.0
50.0										7.7	28.6	9 300 *	18.2	35.6	10 800 *	24.5	39.2	10 600	29.3	41.5	10 200	50.0
52.0																16.9	33.9	10 100	23.2	37.4	9 700	52.0
54.0																			15.0	31.7	9 200	54.0

Liftcrane Luffing Jib Capacities

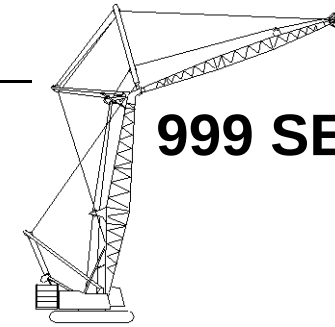
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

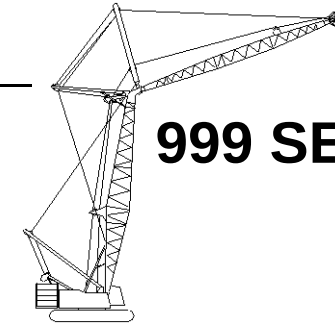
21.3m (70 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.4	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	14 100 *										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	10 000 *	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	10 200	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	9 100	54.0
56.0																11.3	30.4	8 600 *	19.1	35.5	8 700	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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.	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	75.4	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	10 300 *				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	8 100 *	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	7 100 *	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

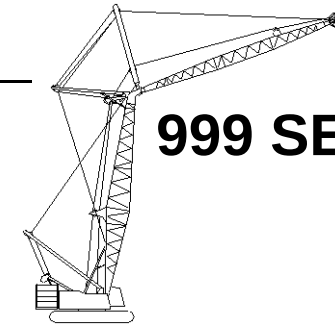
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

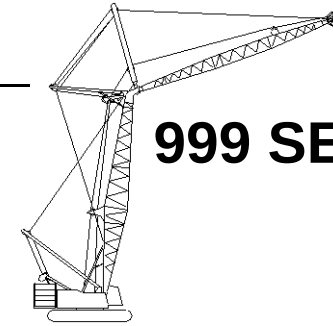
21.3m (70 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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	5 900 *	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
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	43 800 b													18.0
20.0	37.4	39.8	34 400 *	46.0	41.9	39 700	50.5	42.8	38 800	57.4	43.8	37 500 b										20.0
22.0	27.4	36.6	29 800 *	38.0	39.7	34 900 *	43.1	40.9	34 400	50.7	42.4	33 300 b										22.0
24.0	11.1	30.9	21 300 *	28.1	36.6	30 400 *	34.6	38.5	30 900	43.4	40.5	29 900	50.8	41.7	28 800							24.0
26.0							23.5	34.9	27 900	34.9	38.0	27 000	43.4	39.8	26 100	50.6	40.8	25 200				26.0
28.0										34.9	38.0	24 700	43.4	37.4	23 800	43.2	38.9	23 000				28.0
30.0										24.0	33.8	21 800	34.7	36.4	21 100	34.7	36.4	21 100	42.7	37.7	20 300	30.0
32.0																23.6	32.8	19 400	34.0	35.2	18 700	32.0
34.0																			22.7	31.5	17 400	34.0

Liftcrane Luffing Jib Capacities

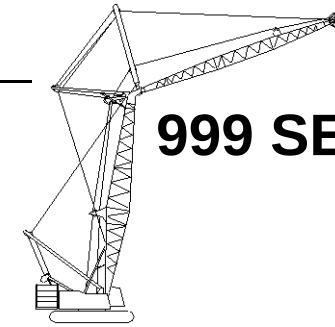
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

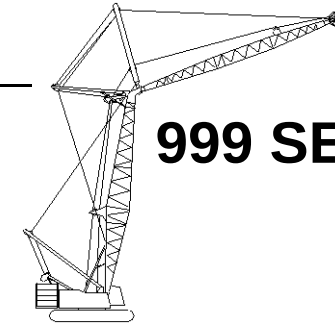
24.4m (80 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	41 100 *b													18.0
20.0	46.0	44.3	34 400 *	52.6	45.9	37 000 *	56.2	46.6	38 500	61.9	47.3	37 300 b										20.0
22.0	39.0	42.2	30 300 *	46.4	44.2	34 600 *	50.3	45.1	34 400	56.4	46.1	33 100										22.0
24.0	30.8	39.3	26 900 *	39.5	42.1	30 700 *	43.9	43.3	30 800	50.5	44.7	29 700										24.0
26.0	19.8	35.1	22 800 *	31.4	39.3	27 200 *	36.6	40.9	27 900	44.1	42.8	27 000	50.6	44.0	26 000							26.0
28.0				20.6	35.2	23 800 *	27.8	37.7	25 500	36.9	40.5	24 600	44.2	42.1	23 700	50.4	43.1	22 800				28.0
30.0							14.9	32.6	22 100	28.1	37.3	22 500	36.9	39.8	21 700	44.0	41.2	21 000				30.0
32.0										15.5	32.3	20 800	28.2	36.7	20 000	36.7	38.8	19 300	43.5	40.0	18 600	32.0
34.0																27.9	35.7	17 900	36.1	37.6	17 200	34.0
36.0																15.0	30.6	16 600	27.2	34.4	16 000	36.0
38.0																			13.7	29.0	14 900	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	33 100										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	29 600										24.0
26.0	33.3	41.8	24 400 *	40.6	44.4	27 500 *	44.5	45.6	27 900	50.4	47.0	26 900	55.6	47.8	25 900							26.0
28.0	24.6	38.2	21 700 *	33.7	41.8	24 600 *	38.2	43.3	25 400	44.7	45.1	24 500	50.4	46.3	23 600							28.0
30.0	10.9	32.0	16 400 *	25.2	38.3	22 100 *	30.8	40.4	23 300	38.4	42.9	22 500	44.7	44.4	21 600	50.2	45.4	20 900				30.0
32.0				12.1	32.3	18 500 *	21.3	36.3	21 400	31.0	40.0	20 700	38.4	42.2	20 000	44.5	43.5	19 200				32.0
34.0										21.6	35.9	19 200	31.1	39.3	18 500	38.2	41.2	17 800	44.1	42.3	17 200	34.0
36.0													21.7	35.3	17 200	30.9	38.3	16 600	37.8	40.0	15 900	36.0
38.0																21.4	34.3	15 500	30.3	37.1	14 900	38.0
40.0																			20.5	32.9	13 900	40.0

Liftcrane Luffing Jib Capacities

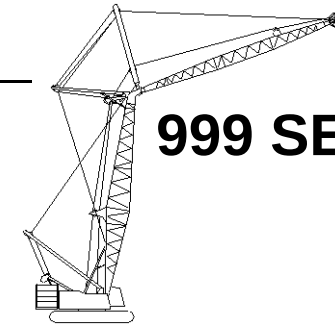
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

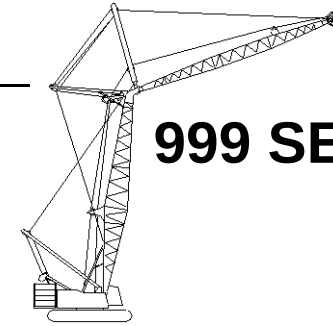
24.4m (80 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	28 200 *	59.4	52.1	29 400										24.0
26.0	41.2	46.9	23 900 *	46.9	48.8	25 700 *	50.1	49.7	26 700 *	55.0	50.8	26 700										26.0
28.0	35.1	44.3	22 100 *	41.5	46.8	24 300 *	45.0	47.9	25 200	50.2	49.3	24 400	55.0	50.1	23 500							28.0
30.0	27.9	41.1	20 000 *	35.5	44.3	22 300 *	39.4	45.7	23 200	45.1	47.4	22 300	50.2	48.6	21 500							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	20 600	45.2	46.8	19 800	50.1	47.7	19 000				32.0
34.0				19.0	36.5	18 100 *	25.3	39.4	19 500 *	33.2	42.5	19 100	39.6	44.6	18 400	45.0	45.8	17 700				34.0
36.0							14.1	33.8	17 100 *	25.5	39.0	17 800	33.2	41.8	17 100	39.4	43.6	16 400	44.6	44.6	15 800	36.0
38.0										14.5	33.5	16 600	25.6	38.3	16 000	33.0	40.9	15 300	39.0	42.4	14 700	38.0
40.0																25.3	37.3	14 300	32.6	39.6	13 800	40.0
42.0																14.2	31.7	13 400	24.7	36.0	12 900	42.0
44.0																			13.1	30.1	12 100	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.2	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	30 200 *													20.0
22.0	55.6	54.5	25 700 *	59.9	55.6	27 500 *	62.3	56.0	28 500 *													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	26 700										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	24 400										28.0
30.0	36.5	46.8	20 100 *	42.2	49.1	22 100 *	45.3	50.2	23 100	50.1	51.6	22 300	54.5	52.4	21 500							30.0
32.0	30.3	43.7	18 300 *	36.9	46.7	20 200 *	40.3	48.0	21 400	45.5	49.7	20 600	50.1	50.9	19 800							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	19 100	45.5	49.1	18 400	50.0	50.0	17 700				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	17 800	40.5	46.9	17 100	45.4	48.1	16 400				36.0
38.0				11.8	33.4	13 800 *	19.7	37.7	16 400 *	28.4	41.8	16 600	34.9	44.3	16 000	40.4	46.0	15 300				38.0
40.0										20.0	37.3	15 500	28.4	41.1	15 000	34.7	43.4	14 300	40.0	44.8	13 800	40.0
42.0													20.1	36.6	14 000	28.2	40.1	13 500	34.3	42.1	12 900	42.0
44.0																19.8	35.6	12 600	27.7	38.8	12 100	44.0
46.0																			19.1	34.2	11 400	46.0

Liftcrane Luffing Jib Capacities

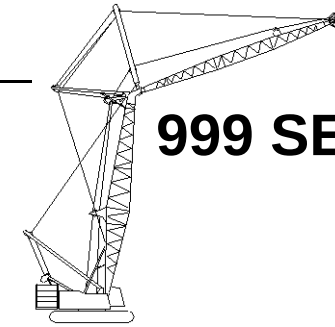
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

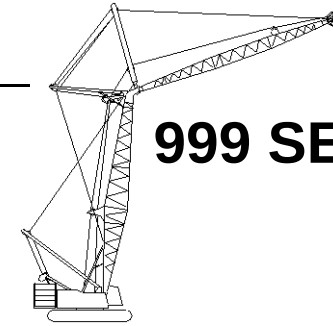
24.4m (80 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	22 200										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	20 500	54.0	54.7	19 700							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	19 000	50.0	53.2	18 200							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	17 700	45.8	51.4	17 000	49.9	52.3	16 300				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	16 500	41.3	49.3	15 800	45.7	50.4	15 200				38.0
40.0				17.8	37.8	14 000 *	23.4	40.9	15 100 *	30.5	44.4	15 500	36.3	46.8	14 800	41.1	48.3	14 200	45.4	49.3	13 600	40.0
42.0							13.5	34.9	13 200 *	23.7	40.5	14 500	30.6	43.7	13 900	36.1	45.8	13 300	40.8	47.1	12 800	42.0
44.0										13.9	34.6	13 600	23.7	39.8	13 100	30.4	42.8	12 500	35.7	44.6	12 000	44.0
46.0																23.5	38.8	11 800	30.0	41.5	11 300	46.0
48.0																13.6	32.9	11 100	22.9	37.5	10 700	48.0
50.0																			12.6	31.2	10 100	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.4	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	18 100 *	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	16 900							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	15 700	49.8	54.6	15 100				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	14 700	46.0	52.7	14 100				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	13 800	41.8	50.7	13 200	45.7	51.6	12 700	42.0
44.0				11.5	34.5	11 100 *	18.5	39.0	13 000 *	26.4	43.4	13 500	32.3	46.3	13 000	37.2	48.2	12 500	41.5	49.5	11 900	44.0
46.0										18.8	38.6	12 800	26.4	42.8	12 200	32.1	45.4	11 700	36.9	47.0	11 200	46.0
48.0													18.9	38.0	11 500	26.2	41.8	11 100	31.8	44.1	10 600	48.0
50.0																18.6	36.9	10 400	25.7	40.4	10 000	50.0
52.0																			18.0	35.5	9 400	52.0

Liftcrane Luffing Jib Capacities

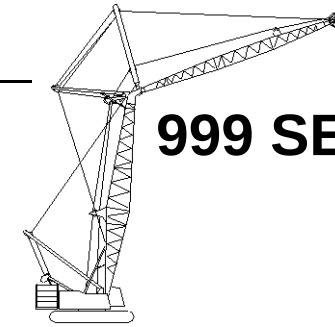
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

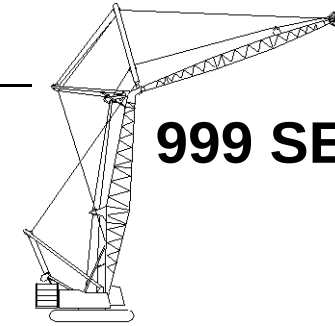
24.4m (80 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	13 900				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	13 100				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	12 300				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	11 600	42.0	51.8	11 100	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	10 900	37.9	49.4	10 400	48.0
50.0										13.4	35.8	10 600 *	22.3	41.3	10 800	28.4	44.5	10 300	33.2	46.6	9 800	50.0
52.0																22.1	40.3	9 700	28.0	43.2	9 300	52.0
54.0																13.2	34.0	9 200	21.5	38.9	8 800	54.0
56.0																			12.3	32.3	8 300	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.6	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	11 000	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	10 400	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	9 800	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	9 300	52.0
54.0													18.0	39.2	8 800 *	24.7	43.3	9 200	29.8	45.9	8 800	54.0
56.0																17.7	38.2	8 800	24.2	42.0	8 300	56.0
58.0																			17.1	36.7	7 900	58.0

Liftcrane Luffing Jib Capacities

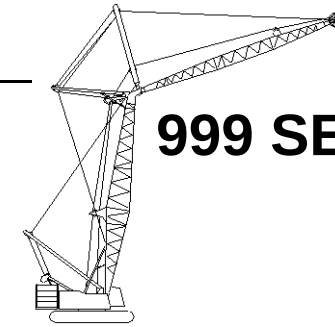
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

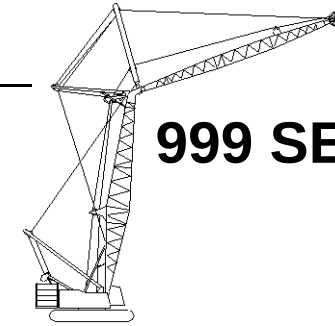
24.4m (80 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	8 900 *	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	9 400 *	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
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.7	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	7 300 *	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	6 400 *	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

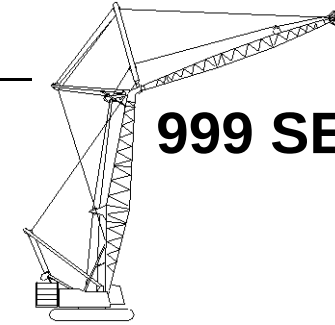
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

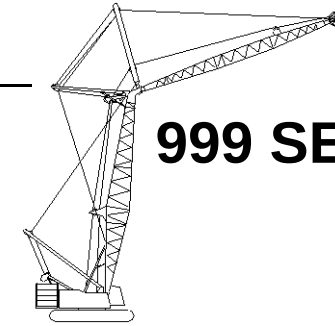
27.4m (90 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	43 700 b													18.0
20.0	37.9	43.0	34 900 *	47.4	45.3	39 500	52.3	46.2	38 500 b	59.9	47.2	37 100 b										20.0
22.0	28.0	39.9	30 600 *	39.5	43.2	35 000	45.2	44.5	34 200	53.4	45.9	32 900 b										22.0
24.0	12.5	34.5	23 400 *	30.1	40.3	31 300	37.0	42.2	30 700	46.4	44.2	29 500	54.3	45.3	28 300							24.0
26.0							26.8	39.0	27 800	38.4	42.0	26 700	47.4	43.7	25 600							26.0
28.0										28.7	39.0	24 400	39.6	41.6	23 400	48.1	42.9	22 400				28.0
30.0										13.9	33.9	22 300	30.2	38.7	21 500	40.3	40.8	20 600				30.0
32.0													16.6	34.1	19 800	31.1	38.1	19 000	40.7	39.8	18 200	32.0
34.0																18.3	33.7	17 500	31.6	37.1	16 800	34.0
36.0																			19.1	32.8	15 600	36.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	41 700 *b													18.0
20.0	46.3	47.5	34 500 *	53.7	49.2	37 400 *	57.7	50.0	38 500													20.0
22.0	39.4	45.3	30 800 *	47.6	47.6	35 000	51.9	48.6	34 100	58.6	49.6	32 800 b										22.0
24.0	31.3	42.5	27 300 *	40.8	45.5	31 400	45.7	46.8	30 600	52.9	48.2	29 400										24.0
26.0	20.5	38.4	24 200 *	33.0	42.9	28 000 *	38.7	44.6	27 700	46.7	46.5	26 600	53.7	47.6	25 500							26.0
28.0				23.0	39.1	24 900 *	30.4	41.7	25 300	39.9	44.4	24 300	47.6	46.0	23 300							28.0
30.0							19.1	37.3	23 200	31.8	41.6	22 300	40.8	43.9	21 300	48.2	45.2	20 400				30.0
32.0										21.3	37.6	20 500	33.0	41.3	19 700	41.5	43.2	18 800				32.0
34.0													23.0	37.5	18 200	33.8	40.6	17 500	41.8	42.1	16 700	34.0
36.0																24.1	37.0	16 200	34.2	39.6	15 500	36.0
38.0																5.8	29.5	15 100	24.6	36.0	14 500	38.0

Liftcrane Luffing Jib Capacities

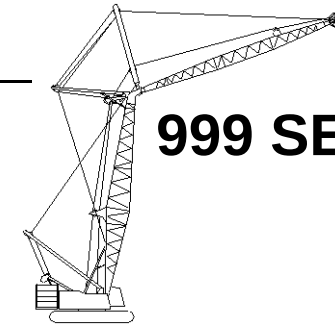
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

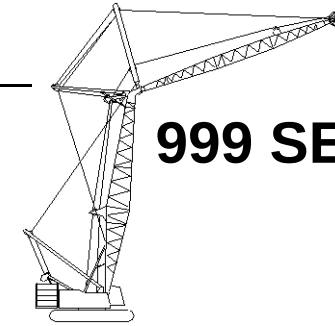
27.4m (90 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	30 500	57.6	51.9	29 300										24.0
26.0	33.7	45.1	24 700 *	41.8	47.9	28 200 *	46.1	49.1	27 700	52.5	50.5	26 500										26.0
28.0	25.1	41.5	22 200 *	35.1	45.4	25 300 *	39.9	47.0	25 200	47.0	48.8	24 200	53.2	50.0	23 200							28.0
30.0	12.0	35.6	17 900 *	27.0	42.0	22 700 *	32.9	44.2	23 200	41.0	46.8	22 200	47.7	48.3	21 200							30.0
32.0				15.4	36.9	20 500 *	24.1	40.6	21 400	34.1	44.2	20 500	41.8	46.3	19 600	48.3	47.5	18 700				32.0
34.0										25.7	40.7	19 000	35.1	43.8	18 200	42.4	45.5	17 400				34.0
36.0										13.1	35.0	17 600	27.0	40.4	16 900	35.8	43.1	16 100	42.7	44.5	15 400	36.0
38.0													15.4	35.3	15 700	27.8	39.8	15 100	36.1	42.0	14 400	38.0
40.0																16.8	35.0	14 100	28.2	38.9	13 400	40.0
42.0																			17.5	34.1	12 600	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	27 400 *	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	27 000	56.7	54.3	26 400										26.0
28.0	35.4	47.5	22 400 *	42.6	50.2	24 600 *	46.4	51.4	25 200	52.1	52.8	24 100										28.0
30.0	28.3	44.3	20 200 *	36.7	47.8	22 900 *	40.9	49.3	23 000	47.2	51.1	22 100	52.8	52.3	21 100							30.0
32.0	18.9	39.7	18 400 *	29.8	44.7	20 600 *	34.8	46.7	21 300	41.8	49.1	20 400	47.9	50.6	19 500							32.0
34.0				21.0	40.5	18 800 *	27.5	43.4	19 700	35.8	46.6	18 800	42.6	48.6	18 000	48.3	49.8	17 200				34.0
36.0							17.7	38.6	18 200	28.8	43.5	17 500	36.7	46.2	16 700	43.1	47.9	16 000				36.0
38.0										19.6	39.0	16 400	29.8	43.2	15 600	37.3	45.5	14 900	43.3	46.8	14 200	38.0
40.0													21.0	38.9	14 600	30.5	42.5	14 000	37.5	44.4	13 300	40.0
42.0																22.0	38.4	13 100	30.9	41.5	12 500	42.0
44.0																6.9	30.7	12 200	22.5	37.5	11 700	44.0

Liftcrane Luffing Jib Capacities

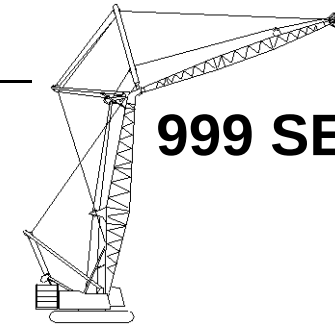
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

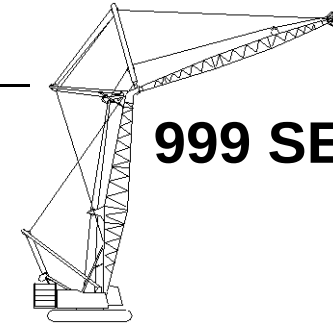
27.4m (90 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.4	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	26 300										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	24 000										28.0
30.0	36.8	50.0	20 400 *	43.2	52.5	22 600 *	46.6	53.7	23 100	51.8	55.1	22 100										30.0
32.0	30.7	47.0	18 500 *	37.9	50.2	20 700 *	41.7	51.7	21 300	47.4	53.4	20 400	52.4	54.6	19 500							32.0
34.0	23.1	43.0	16 800 *	31.9	47.3	18 900 *	36.3	49.2	19 700	42.5	51.4	18 800	48.0	52.9	18 000							34.0
36.0	11.7	36.6	13 200 *	24.7	43.6	17 300 *	30.0	46.1	18 300	37.2	49.0	17 500	43.2	50.9	16 700	48.4	52.1	16 000				36.0
38.0				14.6	38.0	15 200 *	22.2	42.0	16 900 *	31.1	46.1	16 400	37.9	48.6	15 600	43.6	50.2	14 900				38.0
40.0										23.6	42.2	15 300	31.9	45.7	14 600	38.4	47.9	14 000	43.9	49.1	13 300	40.0
42.0										12.7	36.1	14 400	24.7	42.0	13 700	32.6	45.1	13 100	38.7	46.8	12 500	42.0
44.0													14.6	36.4	12 900	25.5	41.5	12 300	32.9	44.1	11 700	44.0
46.0																15.8	36.2	11 600	25.9	40.5	11 100	46.0
48.0																			16.4	35.3	10 400	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.7	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	26 700 *													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	23 000 *	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	24 000										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	21 900										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	20 200	56.0	58.3	19 300							32.0
34.0	32.5	49.5	17 000 *	38.9	52.6	18 600 *	42.3	54.0	19 400	47.5	55.7	18 700	52.1	56.9	17 900							34.0
36.0	26.1	46.0	15 600 *	33.6	49.9	17 300 *	37.5	51.6	18 300	43.1	53.8	17 400	48.1	55.2	16 600							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	16 200	43.7	53.3	15 500	48.4	54.4	14 700				38.0
40.0				19.6	41.9	14 600 *	25.4	45.1	15 500 *	32.9	48.6	15 200	38.9	51.0	14 500	44.1	52.5	13 800				40.0
42.0							16.7	39.9	14 300 *	26.6	45.1	14 300	33.6	48.3	13 600	39.4	50.3	12 900	44.3	51.4	12 300	42.0
44.0										18.4	40.3	13 400	27.5	44.9	12 800	34.2	47.6	12 200	39.6	49.2	11 600	44.0
46.0													19.6	40.3	12 000	28.1	44.3	11 500	34.4	46.6	10 900	46.0
48.0																20.5	39.8	10 800	28.4	43.3	10 300	48.0
50.0																7.5	31.8	10 200	20.9	38.9	9 700	50.0

Liftcrane Luffing Jib Capacities

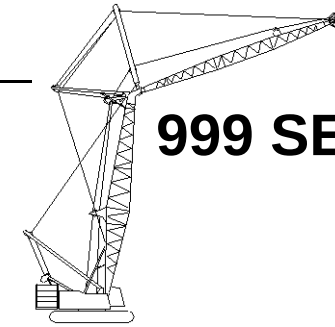
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

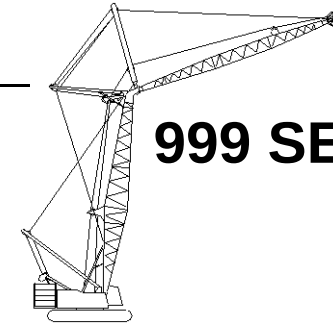
27.4m (90 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	17 600 *	55.5	60.7	17 700							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	16 500							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	15 400							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	14 400	48.5	56.7	13 700				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	14 200	39.8	53.4	13 500	44.5	54.8	12 800				42.0
44.0				14.0	39.2	12 200 *	20.8	43.4	13 200 *	28.8	47.9	13 400	35.0	50.7	12 700	40.2	52.6	12 100	44.7	53.7	11 500	44.0
46.0										22.1	43.7	12 600	29.6	47.6	12 000	35.5	50.0	11 400	40.4	51.6	10 800	46.0
48.0										12.3	37.2	11 900	23.1	43.5	11 300	30.2	46.9	10 700	35.7	49.0	10 200	48.0
50.0													14.0	37.6	10 700	23.8	43.0	10 200	30.4	45.9	9 600	50.0
52.0																15.1	37.3	9 600	24.1	42.1	9 100	52.0
54.0																			15.6	36.5	8 600	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.7	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	14 200	52.0	60.7	13 500				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	13 400	48.5	59.0	12 700				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	12 400 *	40.5	55.7	12 600	44.8	57.1	11 900				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	11 800	40.9	55.0	11 200	45.0	56.1	10 600	46.0
48.0							15.9	41.1	10 600 *	24.9	46.7	11 200 *	31.3	50.2	11 200	36.6	52.5	10 600	41.1	53.9	10 000	48.0
50.0										17.4	41.6	10 800 *	25.7	46.5	10 600	31.8	49.5	10 000	36.8	51.4	9 500	50.0
52.0													18.6	41.6	10 000	26.3	45.9	9 500	32.1	48.5	8 900	52.0
54.0																19.4	41.2	8 900	26.6	45.0	8 500	54.0
56.0																8.0	32.9	8 400	19.7	40.3	8 000	56.0

Liftcrane Luffing Jib Capacities

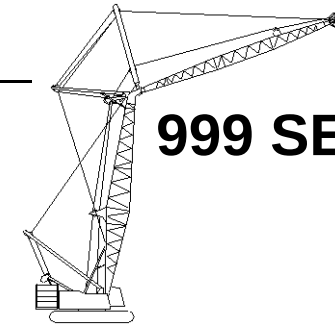
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

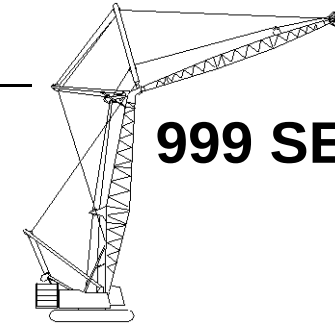
27.4m (90 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	11 900				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	11 200				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	9 900 *	37.1	55.6	10 600 *	41.5	57.3	10 600	45.3	58.4	10 000	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	10 000	41.6	56.3	9 400	50.0
52.0										20.9	45.1	9 000 *	27.8	49.3	9 500 *	33.2	52.1	9 400	37.7	53.8	8 900	52.0
54.0										12.0	38.3	8 600 *	21.8	45.0	9 100 *	28.3	48.7	9 000	33.4	51.0	8 400	54.0
56.0													13.5	38.7	8 700 *	22.4	44.5	8 500	28.5	47.7	8 000	56.0
58.0																14.5	38.5	8 000	22.7	43.5	7 600	58.0
60.0																			15.0	37.7	7 200	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.7	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	9 300	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	8 700	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	8 300	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	7 800	56.0
58.0													17.7	42.9	6 900 *	24.8	47.5	7 300 *	30.2	50.4	7 400	58.0
60.0																18.5	42.5	6 900 *	25.1	46.6	7 100	60.0
62.0																8.3	34.0	6 500 *	18.8	41.6	6 700	62.0
64.0																			9.0	33.5	6 300	64.0

Liftcrane Luffing Jib Capacities

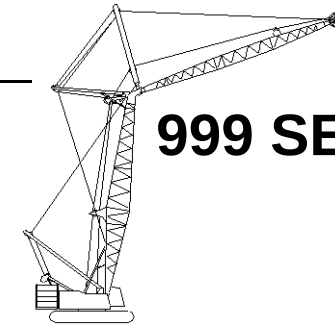
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

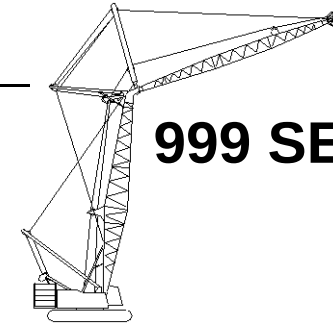
27.4m (90 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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 *																28.0
30.0	58.8	74.2	11 300 *	61.8	75.3	12 300 *	66.0	76.7	13 600 *													30.0
32.0	56.2	72.9	10 600 *	59.3	74.2	11 500 *	63.6	75.8	12 800 *													32.0
34.0	53.5	71.5	9 900 *	56.7	72.9	10 800 *	61.1	74.7	12 100 *													34.0
36.0	50.7	69.9	9 200 *	54.0	71.5	10 100 *	58.5	73.6	11 300 *	61.5	74.3	12 100 *										36.0
38.0	47.8	68.2	8 600 *	51.2	70.0	9 400 *	55.9	72.3	10 600 *	59.0	73.2	11 400 *										38.0
40.0	44.7	66.3	8 100 *	48.3	68.3	8 800 *	53.2	70.8	9 900 *	56.3	71.9	10 700 *										40.0
42.0	41.5	64.2	7 500 *	45.3	66.4	8 200 *	50.4	69.3	9 300 *	53.6	70.5	10 000 *	56.7	71.3	10 700 *							42.0
44.0	38.0	61.7	7 000 *	42.1	64.3	7 700 *	47.5	67.5	8 600 *	50.9	69.0	9 400 *	54.0	69.9	10 000 *							44.0
46.0	34.2	59.0	6 600 *	38.7	62.0	7 200 *	44.4	65.6	8 100 *	47.9	67.2	8 800 *	51.2	68.4	9 400 *							46.0
48.0	30.1	55.8	6 100 *	35.0	59.3	6 700 *	41.1	63.4	7 500 *	44.9	65.3	8 200 *	48.3	66.7	8 800 *	51.5	67.6	9 400 *				48.0
50.0	25.3	52.0	5 700 *	30.9	56.2	6 200 *	37.6	61.0	7 000 *	41.7	63.2	7 700 *	45.3	64.8	8 300 *	48.6	65.9	8 800 *				50.0
52.0	19.5	47.2	5 200 *	26.3	52.6	5 800 *	33.8	58.2	6 600 *	38.2	60.8	7 200 *	42.1	62.7	7 700 *	45.6	64.0	8 300 *				52.0
54.0	11.2	39.9	4 800 *	20.8	48.0	5 300 *	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 *	54.0
56.0				13.2	41.4	4 800 *	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 *	56.0
58.0							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 *	58.0
60.0										19.9	46.4	5 200 *	26.3	51.0	5 800 *	31.3	54.0	6 400 *	35.5	56.0	6 800 *	60.0
62.0										11.8	39.4	4 800 *	20.8	46.4	5 300 *	26.8	50.4	5 900 *	31.5	53.0	6 400 *	62.0
64.0													13.2	39.8	4 900 *	21.3	45.9	5 400 *	27.0	49.4	5 900 *	64.0
66.0																14.1	39.6	4 900 *	21.6	45.0	5 400 *	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	43 600 b													18.0
20.0	38.4	46.1	35 300 *	48.7	48.7	39 300	54.1	49.6	38 200 b	62.3	50.6	36 600 b										20.0
22.0	28.6	43.1	30 800 *	41.1	46.7	34 900	47.2	48.0	34 000	56.0	49.4	32 400 b										22.0
24.0	13.7	38.0	23 700 *	32.1	44.0	31 300	39.3	45.9	30 500	49.3	47.9	29 100										24.0
26.0							29.8	43.0	27 600	41.7	45.9	26 400	51.1	47.5	25 100							26.0
28.0										32.8	43.3	24 100	43.8	45.6	23 000							28.0
30.0										21.0	39.4	22 100	35.3	43.2	21 100	45.4	45.0	20 100				30.0
32.0													24.6	39.7	19 400	37.3	42.7	18 500	46.7	44.0	17 600	32.0
34.0																27.2	39.6	17 100	38.7	41.9	16 300	34.0
36.0																			29.1	38.9	15 200	36.0
38.0																			14.7	33.9	14 100	38.0

Liftcrane Luffing Jib Capacities

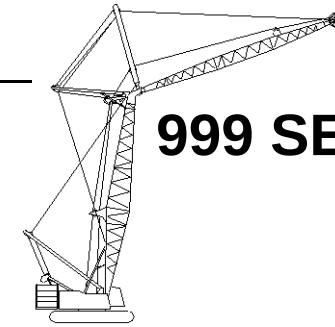
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

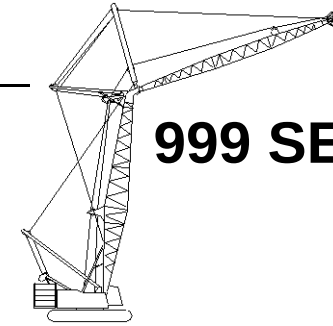
30.5m (100 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	40 200 *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	38 100 b													20.0
22.0	39.8	48.5	31 300 *	48.7	51.0	34 900	53.5	52.0	33 800	60.7	53.0	32 400 b										22.0
24.0	31.8	45.7	27 800 *	42.1	49.0	31 200	47.4	50.3	30 400	55.2	51.7	29 000										24.0
26.0	21.2	41.7	24 700 *	34.6	46.5	28 300	40.6	48.2	27 500	49.2	50.2	26 200	56.6	51.2	25 000							26.0
28.0				25.1	43.0	25 800	32.8	45.5	25 100	42.7	48.3	24 000	50.8	49.8	22 800							28.0
30.0							22.6	41.7	23 000	35.2	45.8	22 000	44.5	47.9	20 900							30.0
32.0										26.0	42.4	20 300	37.3	45.6	19 300	45.9	47.3	18 400				32.0
34.0													28.6	42.5	17 900	38.9	45.1	17 000				34.0
36.0													16.3	37.7	16 600	30.7	42.2	15 800	40.1	44.2	15 000	36.0
38.0																19.6	38.0	14 700	32.2	41.5	14 000	38.0
40.0																			21.8	37.6	13 100	40.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	33 000													22.0
24.0	40.9	50.9	27 600 *	48.8	53.3	29 900 *	53.0	54.3	30 400	59.5	55.4	28 900										24.0
26.0	34.1	48.3	25 200 *	42.9	51.3	28 200	47.6	52.6	27 500	54.5	54.1	26 100										26.0
28.0	25.7	44.8	22 800 *	36.4	48.9	25 700	41.6	50.6	25 000	49.2	52.5	23 900	55.8	53.6	22 700							28.0
30.0	13.0	39.1	18 700 *	28.6	45.8	23 500	34.9	48.0	23 000	43.4	50.6	21 900	50.6	52.1	20 800							30.0
32.0				18.1	41.1	21 400 *	26.7	44.7	21 200	36.9	48.2	20 200	45.0	50.3	19 200	51.8	51.3	18 200				32.0
34.0										29.3	45.1	18 700	38.7	48.0	17 800	46.2	49.6	16 900				34.0
36.0										19.1	40.7	17 400	31.4	45.2	16 600	40.1	47.5	15 700				36.0
38.0													22.2	41.2	15 400	33.1	44.8	14 700	41.2	46.6	13 900	38.0
40.0																24.4	41.1	13 700	34.4	44.0	13 000	40.0
42.0																			26.1	40.6	12 200	42.0
44.0																			13.8	35.0	11 400	44.0

Liftcrane Luffing Jib Capacities

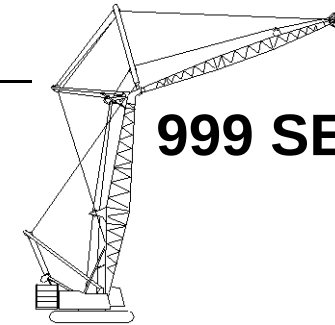
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

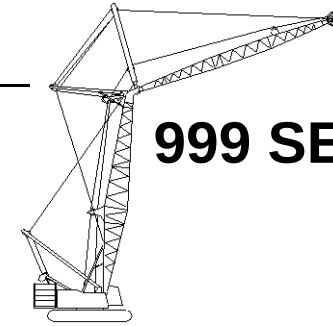
30.5m (100 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	32 300 *													20.0
22.0	52.1	56.9	26 600 *	58.2	58.5	29 200 *	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	27 300 *	58.5	57.7	26 000										26.0
28.0	35.8	50.7	22 800 *	43.6	53.6	24 900 *	47.7	54.9	24 900 *	54.0	56.4	23 700										28.0
30.0	28.7	47.5	20 800 *	37.8	51.3	23 400 *	42.4	52.9	22 900 *	49.2	54.8	21 700	55.2	55.9	20 700							30.0
32.0	19.5	43.1	19 000 *	31.2	48.4	21 400 *	36.5	50.5	21 100	44.0	52.9	20 000	50.5	54.4	19 000							32.0
34.0				22.9	44.5	19 500 *	29.6	47.4	19 600	38.3	50.6	18 600	45.4	52.6	17 600	51.5	53.6	16 800				34.0
36.0							20.7	43.1	18 200	31.7	47.8	17 300	39.8	50.4	16 400	46.5	51.9	15 600				36.0
38.0										23.6	43.9	16 200	33.5	47.7	15 300	41.1	49.8	14 500				38.0
40.0													26.0	44.2	14 300	35.0	47.3	13 600	42.0	48.9	12 900	40.0
42.0													15.2	38.9	13 400	27.8	44.0	12 700	36.1	46.5	12 000	42.0
44.0																18.1	39.3	12 000	29.1	43.3	11 300	44.0
46.0																			20.0	38.9	10 600	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.6	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	26 000										26.0
28.0	42.5	55.5	22 200 *	48.8	57.9	24 000 *	52.3	58.9	24 900	57.7	60.1	23 700										28.0
30.0	37.1	53.1	20 900 *	44.1	56.0	22 800 *	47.8	57.2	22 900	53.5	58.7	21 700										30.0
32.0	31.0	50.2	19 100 *	38.9	53.7	21 600 *	43.0	55.2	21 100	49.2	57.1	20 000	54.6	58.2	19 000							32.0
34.0	23.6	46.3	17 300 *	33.1	50.9	19 700 *	37.8	52.9	19 600	44.5	55.2	18 600	50.3	56.7	17 600							34.0
36.0	12.6	40.2	14 000 *	26.2	47.4	18 000 *	31.8	50.0	18 200	39.4	53.0	17 300	45.7	54.9	16 400							36.0
38.0				16.9	42.4	16 500 *	24.5	46.3	17 000	33.6	50.3	16 200	40.7	52.7	15 300	46.7	54.2	14 500				38.0
40.0										26.8	46.8	15 100	35.2	50.2	14 300	41.9	52.2	13 600				40.0
42.0										17.8	42.0	14 200	28.7	47.0	13 500	36.4	49.7	12 700	42.7	51.2	12 000	42.0
44.0													20.5	42.6	12 600	30.2	46.7	12 000	37.4	48.9	11 300	44.0
46.0																22.5	42.6	11 300	31.3	45.9	10 700	46.0
48.0																			23.9	42.1	10 000	48.0
50.0																			13.2	36.2	9 500	50.0

Liftcrane Luffing Jib Capacities

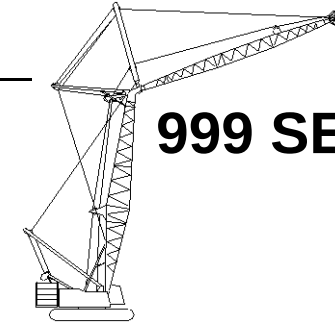
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

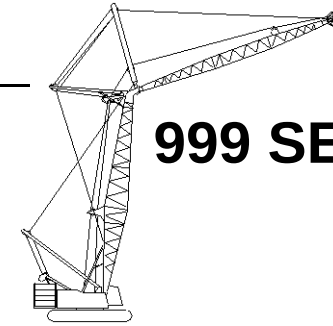
30.5m (100 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.9	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	23 500										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	21 600										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	19 900	58.0	61.9	18 900							32.0
34.0	32.9	52.7	17 400 *	39.8	56.1	18 900 *	43.6	57.6	19 400	49.1	59.4	18 400	54.2	60.5	17 500							34.0
36.0	26.5	49.2	16 100 *	34.7	53.4	17 900 *	38.8	55.3	18 100	44.9	57.5	17 200	50.2	59.0	16 300							36.0
38.0	18.3	44.4	14 300 *	28.7	50.2	16 600 *	33.5	52.5	16 900	40.2	55.3	16 000	46.0	57.2	15 200							38.0
40.0				21.3	45.9	15 300 *	27.3	49.1	15 800	35.1	52.8	15 000	41.5	55.1	14 200	46.9	56.5	13 400				40.0
42.0							19.4	44.5	14 800	29.2	49.6	14 100	36.5	52.6	13 300	42.5	54.5	12 600				42.0
44.0										21.9	45.4	13 200	30.8	49.6	12 500	37.6	52.1	11 800	43.2	53.6	11 100	44.0
46.0													24.0	45.8	11 800	32.1	49.2	11 200	38.5	51.3	10 500	46.0
48.0													14.5	40.0	11 100	25.6	45.6	10 500	33.1	48.5	9 900	48.0
50.0																17.0	40.5	9 900	26.8	45.0	9 300	50.0
52.0																			18.7	40.2	8 800	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.7	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	16 900 *	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	17 100	53.8	62.8	16 200							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	15 900	50.1	61.3	15 100							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	14 900	46.2	59.5	14 100	50.9	60.6	13 300				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	14 000	42.1	57.4	13 200	47.1	58.8	12 400				42.0
44.0				16.0	43.6	13 000 *	22.9	47.8	13 400 *	31.1	52.2	13 100	37.6	55.0	12 400	43.0	56.8	11 700				44.0
46.0										25.0	48.4	12 400	32.5	52.2	11 700	38.6	54.5	11 000	43.7	55.9	10 400	46.0
48.0										16.8	43.2	11 700	26.7	48.7	11 000	33.7	51.8	10 400	39.3	53.6	9 800	48.0
50.0													19.3	43.9	10 400	28.0	48.4	9 800	34.5	51.0	9 200	50.0
52.0																21.1	44.0	9 300	29.0	47.7	8 800	52.0
54.0																			22.4	43.6	8 300	54.0
56.0																			12.8	37.3	7 800	56.0

Liftcrane Luffing Jib Capacities

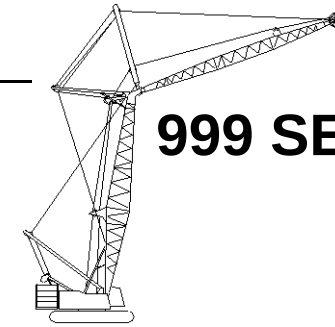
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

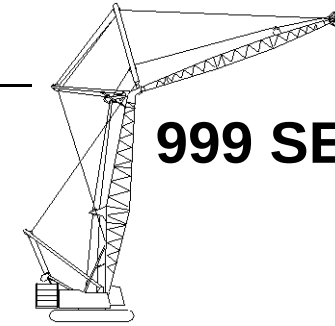
30.5m (100 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	14 900							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	13 900							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	13 100	50.8	62.9	12 300				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	12 300	47.2	61.1	11 500				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	11 600	43.5	59.1	10 900				46.0
48.0							18.3	45.8	10 800 *	27.3	51.3	11 400 *	33.9	54.7	10 900	39.4	56.9	10 200	44.1	58.2	9 600	48.0
50.0										20.7	46.8	10 900	28.8	51.4	10 300	35.0	54.2	9 700	40.1	56.0	9 100	50.0
52.0													22.6	47.2	9 700	30.0	51.1	9 200	35.7	53.4	8 600	52.0
54.0													14.0	41.2	9 200	24.0	47.2	8 700	30.8	50.4	8 100	54.0
56.0																16.2	41.7	8 200	25.1	46.6	7 700	56.0
58.0																			17.7	41.5	7 300	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.8	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	11 500				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	10 800				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	10 200				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	9 600	44.4	60.5	9 000	50.0
52.0										23.5	50.0	9 200 *	30.5	54.0	9 700	36.0	56.7	9 100	40.7	58.4	8 500	52.0
54.0										16.1	44.4	8 800 *	25.1	50.3	9 200	31.5	53.7	8 600	36.7	55.9	8 100	54.0
56.0													18.3	45.2	8 800	26.3	50.1	8 200	32.3	52.9	7 600	56.0
58.0																20.0	45.4	7 800	27.3	49.5	7 300	58.0
60.0																			21.1	45.0	6 900	60.0
62.0																			12.5	38.4	6 500	62.0

Liftcrane Luffing Jib Capacities

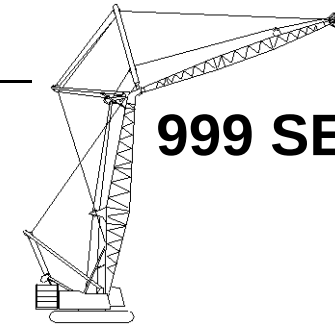
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

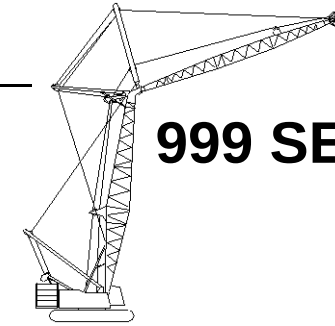
30.5m (100 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.9	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	7 800	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	7 400	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	7 000	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

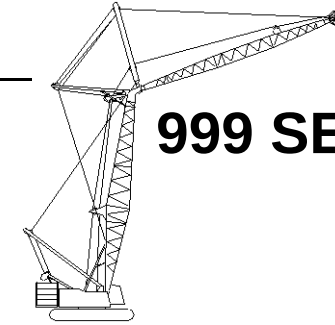
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

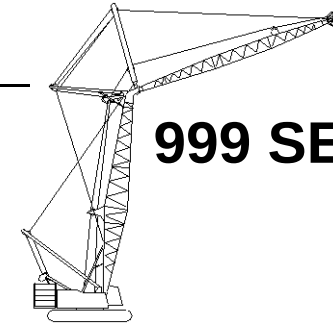
33.5m (110 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	39 100 b	55.8	53.0	37 900 b													20.0
22.0	29.2	46.4	31 200 *	42.6	50.1	34 700	49.1	51.5	33 700 b	58.5	52.9	32 100 b										22.0
24.0	14.9	41.4	24 600 *	33.9	47.6	31 200	41.5	49.5	30 200	52.0	51.5	28 700										24.0
26.0				22.5	43.8	28 100	32.6	46.8	27 400	44.8	49.7	26 000	54.6	51.1	24 700 b							26.0
28.0							20.5	42.8	25 000	36.6	47.4	23 700	47.7	49.5	22 500							28.0
30.0										26.2	44.1	21 800	39.9	47.4	20 600							30.0
32.0										7.9	37.6	20 000	30.6	44.6	19 000	42.7	47.0	18 000				32.0
34.0																34.0	44.5	16 700	44.9	46.2	15 700	34.0
36.0																22.7	40.8	15 500	36.6	43.9	14 600	36.0
38.0																			26.4	40.6	13 600	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	36 700 *	60.6	56.6	37 900 b													20.0
22.0	40.2	51.7	31 500 *	49.9	54.3	34 400	55.0	55.3	33 600													22.0
24.0	32.3	49.0	28 300 *	43.4	52.4	31 100	49.1	53.8	30 100	57.4	55.2	28 600										24.0
26.0	21.9	45.0	25 000 *	36.1	50.0	28 100	42.5	51.8	27 300	51.6	53.8	25 900										26.0
28.0				27.1	46.8	25 700	35.0	49.3	24 900	45.4	52.0	23 600	53.9	53.4	22 300							28.0
30.0				13.5	41.4	21 900	25.7	45.9	22 800	38.3	49.8	21 600	47.8	51.8	20 500							30.0
32.0							10.5	39.8	21 000	29.9	46.8	20 000	41.1	49.8	18 900	50.0	51.2	17 800				32.0
34.0										18.4	42.4	18 500	33.4	47.1	17 500	43.5	49.3	16 500				34.0
36.0													23.5	43.4	16 200	36.2	46.9	15 300				36.0
38.0																27.2	43.7	14 300	38.4	46.3	13 500	38.0
40.0																			30.0	43.3	12 600	40.0
42.0																			18.5	38.9	11 800	42.0

Liftcrane Luffing Jib Capacities

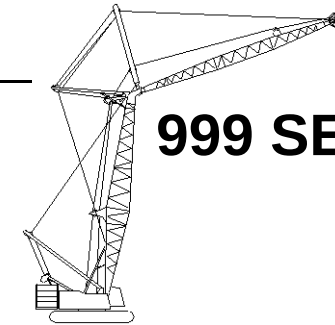
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

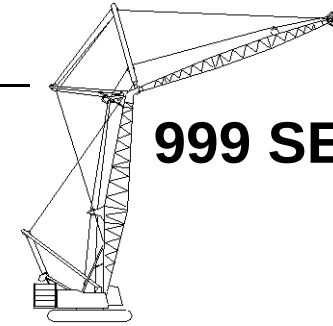
33.5m (110 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	33 500 *	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	33 200													22.0
24.0	41.3	54.0	27 700 *	49.8	56.6	30 200 *	54.4	57.7	30 100													24.0
26.0	34.5	51.5	25 400 *	44.1	54.7	28 100	49.1	56.1	27 200	56.5	57.5	25 800										26.0
28.0	26.2	48.0	23 000 *	37.7	52.4	25 600	43.3	54.2	24 800	51.3	56.1	23 500										28.0
30.0	14.0	42.6	19 200 *	30.2	49.5	23 500	36.8	51.8	22 800	45.8	54.3	21 600	53.4	55.7	20 400							30.0
32.0				20.4	45.2	21 700	29.1	48.7	21 000	39.6	52.2	19 900	48.0	54.1	18 800							32.0
34.0							18.7	44.2	19 500	32.5	49.4	18 400	42.1	52.1	17 400	49.9	53.5	16 400				34.0
36.0										23.6	45.7	17 100	35.4	49.6	16 200	44.1	51.7	15 200				36.0
38.0										8.4	38.7	16 000	27.4	46.3	15 100	37.8	49.4	14 200				38.0
40.0																30.3	46.4	13 300	39.7	48.7	12 500	40.0
42.0																20.6	42.2	12 400	32.6	45.9	11 700	42.0
44.0																			23.7	42.2	11 000	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	70.2	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	27 900 *	58.4	61.3	29 400 *													24.0
26.0	42.1	56.4	24 100 *	49.7	58.9	26 400 *	53.9	60.0	27 100	60.2	61.1	25 600										26.0
28.0	36.1	53.9	22 800 *	44.6	57.0	25 100	49.0	58.4	24 700	55.8	59.9	23 300										28.0
30.0	29.1	50.8	20 900 *	38.9	54.8	23 500	43.9	56.5	22 700	51.1	58.4	21 400										30.0
32.0	20.1	46.4	19 100 *	32.5	52.0	21 600	38.1	54.2	20 900	46.1	56.6	19 800	53.0	58.1	18 600							32.0
34.0				24.6	48.4	19 900 *	31.5	51.3	19 400	40.6	54.5	18 300	48.1	56.4	17 200							34.0
36.0				12.9	42.5	17 500 *	23.4	47.5	18 000	34.4	51.9	17 000	42.8	54.4	16 100	49.8	55.8	15 100				36.0
38.0							10.4	40.9	16 800	27.1	48.5	15 900	36.9	52.0	15 000	44.6	54.0	14 100				38.0
40.0										17.1	43.6	14 900	30.1	49.0	14 000	39.0	51.7	13 100	46.1	53.1	12 300	40.0
42.0													21.5	44.9	13 100	32.6	49.0	12 300	40.7	51.0	11 500	42.0
44.0																24.7	45.3	11 600	34.5	48.4	10 800	44.0
46.0																			27.2	45.1	10 200	46.0
48.0																			17.2	40.2	9 600	48.0

Liftcrane Luffing Jib Capacities

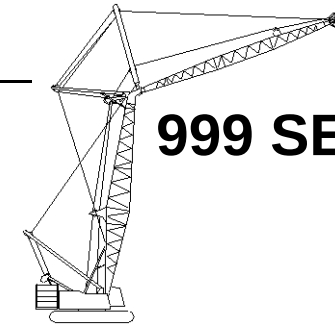
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

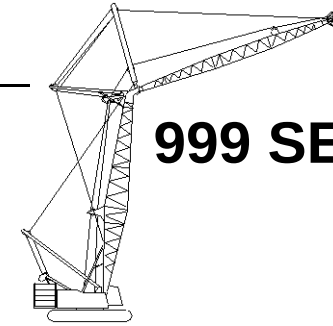
33.5m (110 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	72.0	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	24 700	59.3	63.5	23 300										28.0
30.0	37.4	56.3	21 000 *	45.0	59.4	23 000 *	49.0	60.7	22 700	55.2	62.2	21 400										30.0
32.0	31.4	53.4	19 200 *	39.9	57.2	21 600	44.3	58.8	20 900	50.9	60.7	19 700	56.8	61.8	18 600							32.0
34.0	24.0	49.6	17 600 *	34.3	54.5	20 000	39.2	56.6	19 400	46.4	58.9	18 300	52.6	60.4	17 200							34.0
36.0	13.4	43.7	14 900 *	27.6	51.2	18 400 *	33.4	53.8	18 000	41.4	56.9	17 000	48.2	58.7	16 000							36.0
38.0				19.0	46.5	16 900 *	26.6	50.4	16 800	36.0	54.4	15 900	43.4	56.8	15 000	49.7	58.1	14 100				38.0
40.0							17.5	45.4	15 800	29.7	51.3	14 900	38.2	54.4	14 000	45.1	56.3	13 100				40.0
42.0										21.8	47.1	14 000	32.2	51.6	13 200	40.0	54.1	12 300				42.0
44.0										8.8	39.8	13 100	25.1	47.9	12 400	34.3	51.5	11 600	41.5	53.4	10 900	44.0
46.0																27.7	48.1	10 900	36.0	50.9	10 200	46.0
48.0																19.1	43.5	10 300	29.7	47.8	9 600	48.0
50.0																			21.9	43.6	9 100	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	21 300										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	19 600										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	18 100	56.2	64.1	17 100							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	16 900	52.3	62.7	15 900							36.0
38.0	18.8	47.7	15 000 *	29.9	53.9	16 200 *	35.0	56.3	16 700	42.1	59.2	15 700	48.2	61.0	14 800							38.0
40.0				22.8	49.8	15 500 *	29.0	53.1	15 700	37.2	56.8	14 700	43.9	59.1	13 800	49.6	60.4	12 900				40.0
42.0				12.5	43.6	13 700 *	21.7	48.9	14 700	31.7	53.9	13 900	39.2	56.8	13 000	45.4	58.6	12 100				42.0
44.0							10.4	41.9	13 800	25.0	50.2	13 000	33.9	54.1	12 200	40.8	56.5	11 400				44.0
46.0										16.1	44.8	12 300	27.8	50.8	11 500	35.7	53.9	10 700	42.1	55.7	10 000	46.0
48.0													20.0	46.3	10 900	30.0	50.8	10 200	37.2	53.3	9 400	48.0
50.0																22.9	46.8	9 600	31.7	50.4	8 900	50.0
52.0																			25.1	46.7	8 400	52.0
54.0																			16.2	41.4	8 000	54.0

Liftcrane Luffing Jib Capacities

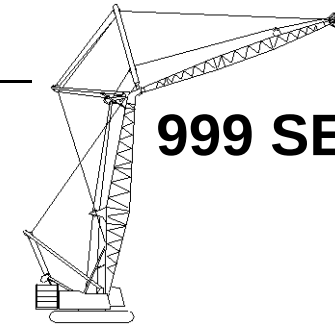
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

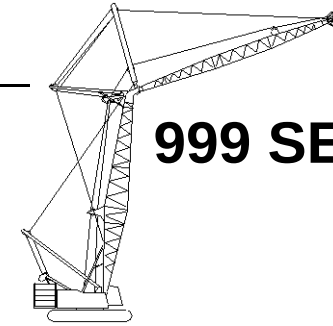
33.5m (110 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	18 100										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	16 800	55.6	66.4	15 700							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	15 600	52.1	65.0	14 700							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	14 600	48.3	63.3	13 700							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	13 700	44.3	61.4	12 900	49.6	62.7	12 000				42.0
44.0				17.9	47.8	13 100 *	24.8	52.0	13 600 *	33.3	56.4	13 000	40.0	59.2	12 100	45.7	60.9	11 300				44.0
46.0							16.6	46.7	12 900	27.5	53.0	12 200	35.2	56.6	11 400	41.5	58.8	10 700	46.8	60.0	9 900	46.0
48.0										20.4	48.5	11 500	29.9	53.5	10 800	36.9	56.3	10 000	42.7	58.0	9 300	48.0
50.0										9.0	40.9	10 800	23.4	49.5	10 200	31.8	53.4	9 500	38.2	55.7	8 800	50.0
52.0																25.8	49.8	9 000	33.3	52.9	8 300	52.0
54.0																18.0	44.8	8 500	27.6	49.5	7 900	54.0
56.0																			20.5	45.0	7 500	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	14 500							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	13 600							40.0
42.0	25.2	54.1	11 000 *	33.2	59.0	12 000 *	37.2	61.2	12 600 *	43.1	63.8	13 600	48.3	65.6	12 700							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	12 800	44.6	63.7	12 000	49.6	65.0	11 100				44.0
46.0				21.5	51.3	10 900 *	27.1	54.8	11 400 *	34.6	58.9	12 100	40.7	61.5	11 200	45.9	63.2	10 500				46.0
48.0				12.2	44.7	10 300 *	20.5	50.3	10 900 *	29.5	55.7	11 400	36.4	59.0	10 600	42.1	61.1	9 900				48.0
50.0							10.3	43.0	10 600 *	23.5	51.7	10 700	31.6	56.1	10 000	37.9	58.8	9 300	43.2	60.4	8 600	50.0
52.0										15.4	46.0	10 100	26.0	52.4	9 500	33.3	56.0	8 800	39.1	58.1	8 200	52.0
54.0													18.9	47.6	9 000	28.0	52.6	8 300	34.6	55.4	7 700	54.0
56.0																21.6	48.2	7 900	29.6	52.2	7 300	56.0
58.0																			23.5	48.2	6 900	58.0
60.0																			15.5	42.6	6 600	60.0

Liftcrane Luffing Jib Capacities

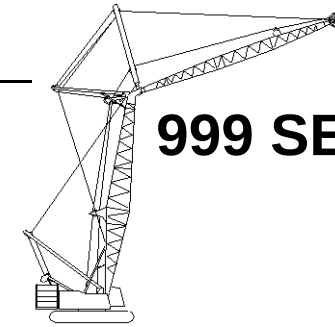
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

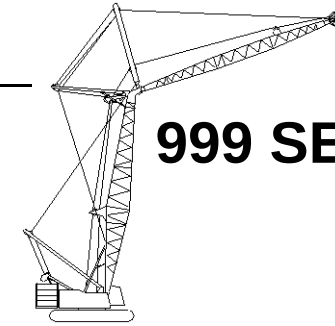
33.5m (110 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.0	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	13 500							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	12 700							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	11 900							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	11 200	49.5	67.3	10 400				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	10 600	46.1	65.5	9 800				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	10 000	42.5	63.5	9 300				50.0
52.0							15.9	47.9	8 700 *	25.9	54.6	9 400 *	33.0	58.6	9 500	38.7	61.1	8 800	43.6	62.7	8 100	52.0
54.0										19.4	49.8	8 900 *	28.0	55.2	8 900	34.5	58.4	8 300	39.8	60.4	7 700	54.0
56.0										9.2	42.0	8 600 *	22.1	50.9	8 500	29.8	55.3	7 900	35.7	57.8	7 300	56.0
58.0																24.3	51.3	7 500	31.2	54.8	6 900	58.0
60.0																17.2	46.0	7 100	25.9	51.1	6 500	60.0
62.0																			19.4	46.4	6 200	62.0
64.0																			9.3	38.5	5 800	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.9	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	10 300				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	9 700				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	9 100				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	8 600	47.2	67.0	7 900	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	8 200	43.9	65.0	7 500	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	7 700	40.4	62.8	7 100	56.0
58.0										14.9	47.2	6 800 *	24.5	54.0	7 300 *	31.3	57.9	7 300	36.7	60.3	6 700	58.0
60.0													18.1	48.9	6 900 *	26.4	54.2	7 000	32.5	57.4	6 400	60.0
62.0																20.5	49.6	6 600	27.9	53.9	6 000	62.0
64.0																12.1	42.8	6 300	22.3	49.7	5 800	64.0
66.0																			14.9	43.7	5 500	66.0

Liftcrane Luffing Jib Capacities

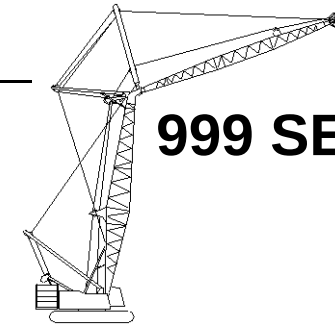
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

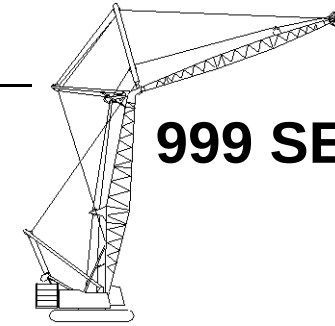
33.5m (110 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	8 500 *				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	7 000	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	6 600	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	6 300	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	5 900	62.0
64.0													13.6	45.9	4 900 *	23.0	52.8	5 600 *	29.5	56.6	5 600	64.0
66.0																16.5	47.3	5 100 *	24.6	52.7	5 300	66.0
68.0																			18.6	47.7	5 100	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
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	38 900 b	57.5	56.4	37 600 b													20.0
22.0	29.8	49.6	31 600 *	44.0	53.5	34 500	50.9	54.9	33 400 b	61.0	56.3	31 600 b										22.0
24.0	16.0	44.9	25 400 *	35.6	51.1	31 000	43.6	53.1	30 000	54.6	55.0	28 300 b										24.0
26.0				25.0	47.7	28 000	35.1	50.6	27 100	47.7	53.4	25 600										26.0
28.0							24.3	47.1	24 700	40.0	51.3	23 400	51.4	53.3	22 000 b							28.0
30.0										30.7	48.5	21 400	44.1	51.4	20 200							30.0
32.0										17.5	44.0	19 700	35.7	49.1	18 600	47.6	51.1	17 500				32.0
34.0													25.1	45.6	17 200	39.8	49.0	16 200				34.0
36.0																30.4	46.1	15 000	43.0	48.4	14 100	36.0
38.0																17.1	41.6	14 000	34.5	45.9	13 100	38.0
40.0																			23.3	42.2	12 200	40.0

Liftcrane Luffing Jib Capacities

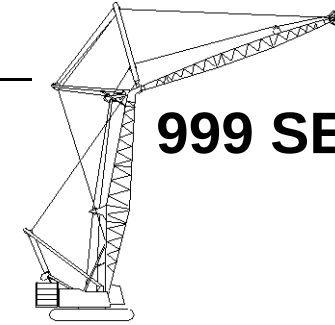
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

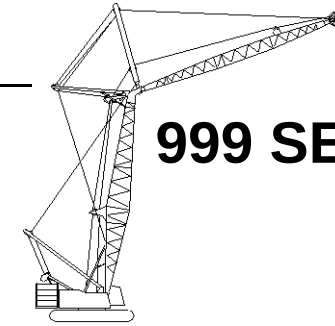
36.6m (120 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	37 500 b													20.0
22.0	40.6	54.9	31 600 *	51.0	57.6	34 600	56.5	58.7	33 300 b													22.0
24.0	32.7	52.2	28 500 *	44.7	55.8	30 900	50.7	57.2	29 800	59.6	58.6	28 200 b										24.0
26.0	22.6	48.4	25 400 *	37.5	53.5	28 000	44.3	55.4	27 000	54.0	57.3	25 500										26.0
28.0				28.9	50.5	25 500	37.1	53.1	24 700	47.9	55.7	23 200										28.0
30.0				16.8	45.7	23 000	28.4	50.0	22 600	41.2	53.7	21 300	51.1	55.6	20 000							30.0
32.0							15.9	45.0	20 900	33.4	51.0	19 600	44.7	53.8	18 500							32.0
34.0										23.6	47.4	18 200	37.6	51.5	17 100	47.7	53.4	16 000				34.0
36.0													29.0	48.4	15 900	41.0	51.3	14 900				36.0
38.0													17.0	43.7	14 800	33.2	48.7	13 900				38.0
40.0																23.3	45.0	12 900	36.5	48.3	12 100	40.0
42.0																			27.7	45.1	11 300	42.0
44.0																			14.6	39.9	10 600	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	68.1	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 *																			18.0
20.0	53.0	60.9	30 500 *	65.6	63.7	35 600 *b																20.0
				60.9	62.7	33 800 *	65.3	63.3	35 600 b													
22.0	47.6	59.2	29 000 *	56.0	61.4	32 100 *	60.6	62.3	33 400 b													22.0
24.0	41.6	57.2	27 700 *	50.8	59.9	30 500	55.7	61.0	29 700													24.0
26.0	34.8	54.7	25 500 *	45.2	58.1	27 900	50.5	59.5	27 000	58.5	61.0	25 400										26.0
28.0	26.7	51.3	23 100 *	38.9	55.9	25 500	44.8	57.7	24 600	53.4	59.6	23 100										28.0
30.0	14.9	46.0	19 600 *	31.7	53.1	23 400	38.6	55.5	22 600	48.0	58.0	21 200										30.0
32.0				22.5	49.2	21 600	31.3	52.6	20 800	42.1	56.0	19 600	50.8	57.9	18 400							32.0
34.0							21.9	48.6	19 300	35.4	53.5	18 100	45.2	56.1	17 000							34.0
36.0										27.4	50.3	16 900	39.0	53.9	15 800	47.9	55.7	14 800				36.0
38.0										16.2	45.3	15 700	31.8	51.0	14 700	42.0	53.7	13 800				38.0
40.0													22.6	47.1	13 800	35.3	51.2	12 900	44.4	53.0	12 000	40.0
42.0																27.2	47.9	12 100	38.1	50.7	11 200	42.0
44.0																15.8	42.8	11 300	30.7	47.8	10 500	44.0
46.0																			21.1	43.7	9 900	46.0

Liftcrane Luffing Jib Capacities

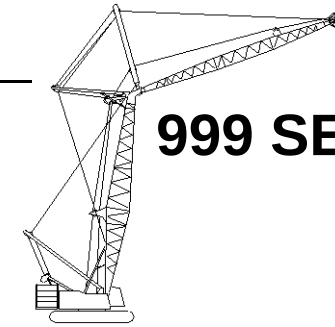
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

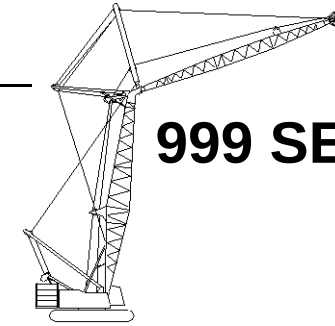
36.6m (120 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	29 500													24.0
26.0	42.4	59.5	24 200 *	50.6	62.2	26 700 *	55.1	63.4	26 800	61.9	64.5	25 200										26.0
28.0	36.5	57.1	22 900 *	45.6	60.4	25 200	50.3	61.8	24 400	57.6	63.3	22 900										28.0
30.0	29.6	54.0	21 000 *	40.0	58.3	23 300	45.3	60.0	22 400	53.0	62.0	21 100										30.0
32.0	20.7	49.8	19 200 *	33.8	55.6	21 500	39.7	57.8	20 700	48.1	60.3	19 400	55.4	61.7	18 200							32.0
34.0				26.2	52.2	19 900	33.4	55.1	19 200	42.8	58.3	18 000	50.7	60.2	16 800							34.0
36.0				15.7	46.9	18 300	25.8	51.6	17 800	37.0	55.9	16 700	45.6	58.4	15 600							36.0
38.0							14.9	46.2	16 700	30.2	52.9	15 600	40.1	56.2	14 600	48.0	58.0	13 600				38.0
40.0										21.6	48.8	14 600	33.8	53.6	13 700	42.7	56.0	12 700				40.0
42.0													26.3	50.1	12 800	36.8	53.6	11 900	44.9	55.3	11 000	42.0
44.0													15.8	44.9	12 000	30.0	50.6	11 200	39.3	53.1	10 400	44.0
46.0																21.3	46.4	10 500	32.9	50.3	9 800	46.0
48.0																			25.1	46.7	9 200	48.0
50.0																			13.8	41.1	8 600	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	72.2	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	25 700 *	58.6	67.0	26 800													26.0
28.0	43.0	61.9	22 200 *	50.5	64.5	24 400 *	54.5	65.7	24 400	60.8	66.9	23 000										28.0
30.0	37.7	59.5	21 100 *	45.9	62.8	23 200	50.2	64.1	22 400	56.8	65.7	21 000										30.0
32.0	31.7	56.6	19 400 *	40.9	60.6	21 500	45.6	62.3	20 700	52.6	64.3	19 400										32.0
34.0	24.5	52.9	17 800 *	35.4	58.1	19 900	40.6	60.2	19 200	48.2	62.6	18 000	54.8	64.0	16 800							34.0
36.0	14.1	47.2	15 300 *	29.0	54.9	18 600	35.0	57.6	17 800	43.4	60.7	16 700	50.5	62.5	15 600							36.0
38.0				20.8	50.6	17 200	28.6	54.4	16 700	38.2	58.3	15 600	45.9	60.7	14 600							38.0
40.0							20.3	50.0	15 600	32.3	55.5	14 600	41.0	58.6	13 700	48.1	60.3	12 700				40.0
42.0										25.2	51.9	13 700	35.4	56.0	12 800	43.3	58.3	11 900				42.0
44.0										15.3	46.4	12 900	29.0	52.9	12 000	38.1	56.0	11 200				44.0
46.0													20.9	48.6	11 300	32.1	53.1	10 500	40.2	55.5	9 800	46.0
48.0																25.0	49.5	9 900	34.6	52.8	9 200	48.0
50.0																14.9	44.0	9 400	28.0	49.6	8 700	50.0
52.0																			19.6	45.0	8 200	52.0

Liftcrane Luffing Jib Capacities

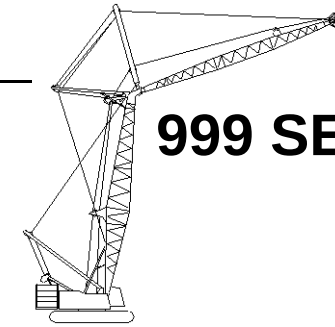
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

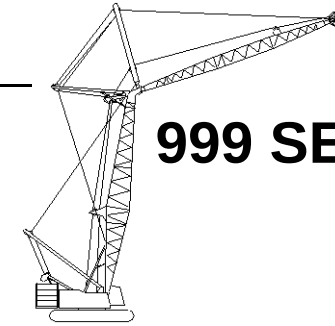
36.6m (120 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	20 900										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	19 200										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	17 800										34.0
36.0	27.3	55.7	15 700 *	36.7	60.5	17 000 *	41.4	62.5	17 700	48.3	64.9	16 600	54.3	66.3	15 500							36.0
38.0	19.3	51.1	15 100 *	31.0	57.5	16 300 *	36.4	60.1	16 600	43.9	63.0	15 500	50.4	64.8	14 400							38.0
40.0				24.3	53.7	15 700 *	30.7	57.0	15 500	39.2	60.7	14 500	46.2	63.0	13 500	52.2	64.2	12 500				40.0
42.0				15.0	48.1	14 600 *	23.9	53.2	14 600	33.9	58.0	13 600	41.7	60.9	12 700	48.2	62.6	11 700				42.0
44.0							14.3	47.4	13 700	27.8	54.7	12 800	36.7	58.5	11 900	43.8	60.6	11 000				44.0
46.0										20.1	50.2	12 100	31.1	55.5	11 200	39.1	58.4	10 400	45.6	59.9	9 600	46.0
48.0													24.4	51.7	10 600	33.8	55.7	9 800	41.0	57.8	9 000	48.0
50.0													15.0	46.1	10 000	27.7	52.3	9 200	36.0	55.3	8 500	50.0
52.0																19.9	47.8	8 700	30.3	52.2	8 000	52.0
54.0																			23.3	48.3	7 600	54.0
56.0																			13.3	42.2	7 200	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.0	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	19 100										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	17 700										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	16 500										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	15 400	53.9	68.6	14 300							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	14 400	50.3	67.1	13 400							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	13 500	46.4	65.3	12 500							42.0
44.0				19.6	51.9	13 200 *	26.5	56.1	13 600	35.3	60.5	12 700	42.3	63.2	11 800	48.2	64.9	10 900				44.0
46.0							19.1	51.3	12 800	29.9	57.4	12 000	37.8	60.9	11 100	44.2	63.0	10 300				46.0
48.0										23.5	53.4	11 300	32.8	58.0	10 500	39.9	60.7	9 700	45.9	62.2	8 900	48.0
50.0										14.6	47.6	10 700	26.9	54.6	9 900	35.2	58.1	9 100	41.7	60.1	8 400	50.0
52.0													19.6	49.9	9 300	29.8	55.0	8 600	37.1	57.7	7 900	52.0
54.0																23.3	51.0	8 200	32.0	54.8	7 500	54.0
56.0																14.3	45.1	7 700	26.1	51.2	7 100	56.0
58.0																			18.4	46.3	6 700	58.0

Liftcrane Luffing Jib Capacities

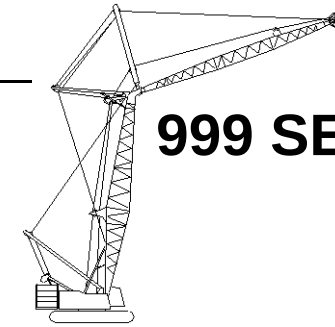
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

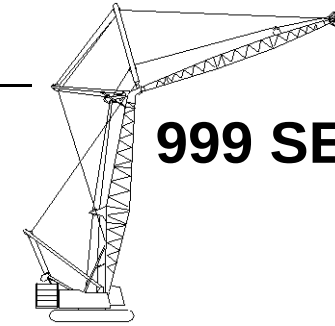
36.6m (120 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	14 100 *	51.9	71.2	15 200 *										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	14 200 *	53.6	70.9	13 200 *							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	13 300 *	50.2	69.4	12 400 *							42.0
44.0	18.3	52.4	10 600 *	29.0	59.3	11 500 *	33.8	62.1	12 200 *	40.7	65.4	12 500 *	46.6	67.6	11 600 *							44.0
46.0				22.8	55.2	11 000 *	28.6	58.8	11 600 *	36.4	62.9	11 800 *	42.8	65.6	10 900 *	48.3	67.2	10 100 *				46.0
48.0				14.4	49.3	10 600 *	22.4	54.6	11 100 *	31.6	60.0	11 100 *	38.7	63.3	10 300 *	44.6	65.3	9 500 *				48.0
50.0							13.7	48.5	10 700 *	26.0	56.3	10 600 *	34.1	60.5	9 700 *	40.6	63.1	9 000 *				50.0
52.0										19.0	51.5	10 000 *	29.0	57.3	9 200 *	36.3	60.6	8 500 *	42.2	62.5	7 800 *	52.0
54.0													22.9	53.2	8 700 *	31.5	57.6	8 000 *	38.1	60.1	7 300 *	54.0
56.0													14.5	47.2	8 300 *	25.9	53.9	7 600 *	33.5	57.3	6 900 *	56.0
58.0																18.8	49.1	7 200 *	28.2	54.0	6 600 *	58.0
60.0																			21.9	49.7	6 200 *	60.0
62.0																			12.9	43.3	5 900 *	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.1	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	13 200							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	12 300							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	11 600							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	10 900	51.6	71.2	10 000				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	10 300	48.3	69.5	9 400				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	9 700	44.9	67.6	8 900				50.0
52.0							18.1	52.6	8 900 *	28.1	59.1	9 600 *	35.3	63.0	9 200	41.2	65.4	8 400	46.3	66.8	7 700	52.0
54.0										22.1	54.8	9 100 *	30.7	59.9	8 700	37.2	63.0	8 000	42.7	64.8	7 300	54.0
56.0										14.1	48.7	8 700 *	25.3	56.2	8 300	32.9	60.1	7 600	38.9	62.5	6 900	56.0
58.0													18.6	51.2	7 800	27.9	56.7	7 200	34.7	59.8	6 500	58.0
60.0																22.0	52.4	6 800	30.0	56.7	6 200	60.0
62.0																13.8	46.2	6 400	24.5	52.8	5 900	62.0
64.0																			17.5	47.6	5 600	64.0

Liftcrane Luffing Jib Capacities

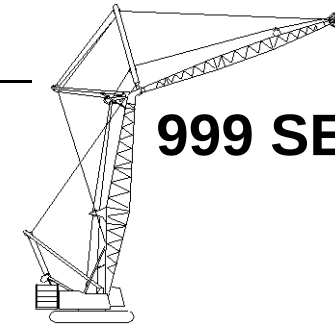
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

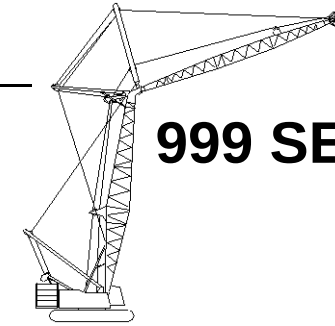
36.6m (120 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	12 200 *	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	11 400							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	10 700							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	10 100	51.4	73.5	9 300				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	9 600	48.4	71.8	8 800				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	9 000	45.1	69.9	8 300				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	7 800	46.5	69.1	7 100	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	7 400	43.1	67.1	6 700	56.0
58.0										18.1	52.8	6 900 *	27.3	59.0	7 600 *	34.1	62.6	7 000	39.6	64.9	6 400	58.0
60.0													21.7	54.6	7 100 *	29.6	59.4	6 700	35.7	62.3	6 000	60.0
62.0													14.0	48.4	6 800 *	24.4	55.5	6 300	31.5	59.3	5 700	62.0
64.0																17.9	50.3	6 000	26.6	55.7	5 400	64.0
66.0																			20.8	51.1	5 100	66.0
68.0																			12.6	44.4	4 800	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.2	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	8 600				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	8 200				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	7 700				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	7 300				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	6 900	43.5	69.5	6 200	58.0
60.0										21.1	56.3	5 400 *	29.0	61.7	6 200 *	35.1	65.1	6 600	40.2	67.2	5 900	60.0
62.0										13.7	49.9	4 900 *	24.0	57.7	5 700 *	31.0	62.0	6 200	36.6	64.7	5 600	62.0
64.0													17.8	52.5	5 200 *	26.4	58.4	5 900	32.7	61.8	5 300	64.0
66.0																20.9	53.8	5 400 *	28.4	58.4	5 000	66.0
68.0																13.4	47.4	5 000 *	23.3	54.3	4 800	68.0
70.0																			16.8	48.8	4 500	70.0

Liftcrane Luffing Jib Capacities

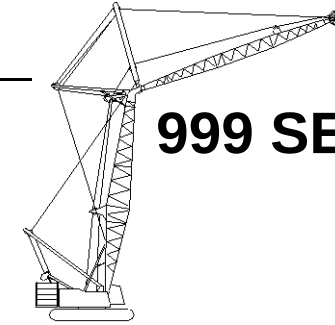
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

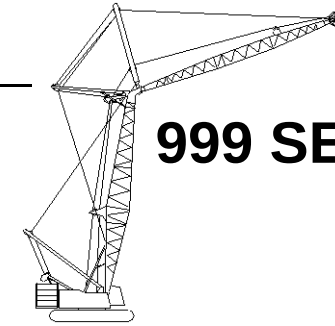
39.6m (130 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	43 800 b																18.0
20.0	39.7	55.7	36 000 *	52.6	58.6	38 700 b	59.2	59.7	37 300 b													20.0
22.0	30.4	52.8	31 800 *	45.5	56.9	34 300	52.7	58.3	33 100 b													22.0
24.0	17.0	48.3	25 900 *	37.3	54.6	30 800	45.6	56.6	29 700	57.2	58.5	27 900 b										24.0
26.0				27.3	51.5	27 900	37.5	54.4	26 900	50.5	57.0	25 200 b										26.0
28.0							27.5	51.2	24 500	43.2	55.2	23 000	54.9	56.9	21 500 b							28.0
30.0										34.6	52.7	21 100	48.0	55.3	19 700							30.0
32.0										23.6	49.1	19 500	40.3	53.3	18 200	52.1	54.9	17 000 b				32.0
34.0													31.0	50.5	16 800	44.9	53.1	15 700				34.0
36.0													18.1	46.1	15 600	36.7	50.8	14 600				36.0
38.0																26.4	47.6	13 600				38.0
40.0																			41.1	50.5	12 600	40.0
42.0																			32.1	47.8	11 800	42.0
																			19.8	43.7	11 000	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	37 300 b	63.4	63.2	37 100 b													20.0
22.0	41.0	58.0	31 700 *	52.1	61.0	34 400	58.0	62.0	33 000 b													22.0
24.0	33.2	55.4	28 600 *	45.9	59.2	30 700	52.3	60.6	29 600													24.0
26.0	23.2	51.7	25 500 *	38.9	57.0	27 800	46.1	58.9	26 800	56.2	60.8	25 100										26.0
28.0				30.7	54.2	25 400	39.1	56.7	24 400	50.4	59.3	22 900										28.0
30.0				19.6	49.9	23 300	30.9	53.9	22 400	43.9	57.5	21 000	54.2	59.2	19 600							30.0
32.0							20.0	49.7	20 700	36.7	55.1	19 400	48.1	57.6	18 100							32.0
34.0										27.9	51.9	17 900	41.4	55.6	16 700							34.0
36.0										15.0	46.8	16 600	33.7	53.0	15 500	45.4	55.5	14 400				36.0
38.0													24.0	49.4	14 500	38.4	53.2	13 400				38.0
40.0																30.0	50.3	12 500	42.2	52.8	11 600	40.0
42.0																18.6	45.9	11 800	34.6	50.3	10 800	42.0
44.0																			25.2	46.8	10 200	44.0

Liftcrane Luffing Jib Capacities

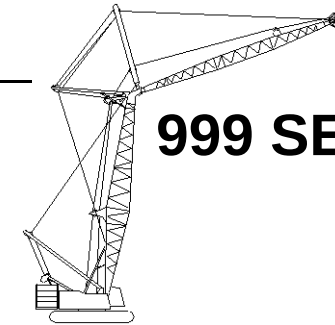
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

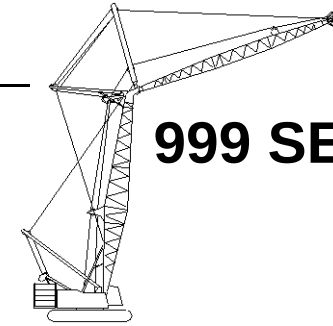
39.6m (130 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	35 800 b													20.0
22.0	47.9	62.4	29 100 *	56.9	64.7	32 300 *	61.9	65.6	33 000 b													22.0
24.0	41.9	60.4	27 800 *	51.8	63.3	30 500	57.1	64.4	29 500													24.0
26.0	35.2	57.9	25 600 *	46.3	61.5	27 800	51.9	63.0	26 700	60.4	64.4	25 000										26.0
28.0	27.2	54.6	23 200 *	40.2	59.4	25 300	46.4	61.2	24 400	55.4	63.1	22 800										28.0
30.0	15.7	49.5	20 000 *	33.2	56.7	23 300	40.3	59.1	22 400	50.2	61.6	20 900										30.0
32.0				24.5	53.1	21 500	33.3	56.4	20 600	44.5	59.8	19 300	53.6	61.5	17 900							32.0
34.0							24.7	52.8	19 100	38.2	57.5	17 900	48.2	59.9	16 600							34.0
36.0										30.8	54.6	16 600	42.3	57.9	15 400							36.0
38.0										21.3	50.5	15 500	35.7	55.5	14 400	45.8	57.8	13 300				38.0
40.0													27.7	52.2	13 500	39.7	55.6	12 500				40.0
42.0													16.7	47.3	12 600	32.6	52.9	11 700	43.0	55.1	10 800	42.0
44.0																23.8	49.1	10 900	36.4	52.7	10 100	44.0
46.0																			28.7	49.6	9 500	46.0
48.0																			18.1	45.0	8 900	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	70.6	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	28 300 *	60.7	67.9	29 400													24.0
26.0	42.7	62.7	24 200 *	51.5	65.6	26 900	56.3	66.7	26 500													26.0
28.0	36.8	60.3	23 000 *	46.5	63.8	25 300	51.6	65.3	24 200	59.3	66.8	22 600										28.0
30.0	30.0	57.3	21 100 *	41.1	61.7	23 100	46.7	63.5	22 200	54.8	65.5	20 700										30.0
32.0	21.2	53.1	19 300 *	35.0	59.2	21 400	41.2	61.5	20 500	50.1	63.9	19 100	57.7	65.2	17 700							32.0
34.0				27.8	55.9	19 800	35.2	58.9	19 000	45.0	62.1	17 700	53.2	63.8	16 400							34.0
36.0				18.1	51.2	18 400	28.0	55.7	17 700	39.4	59.9	16 500	48.3	62.2	15 300							36.0
38.0							18.4	51.0	16 500	33.0	57.2	15 400	43.0	60.3	14 200							38.0
40.0										25.3	53.6	14 400	37.2	57.9	13 300	46.2	60.1	12 300				40.0
42.0										14.1	48.0	13 400	30.4	54.9	12 500	40.7	58.0	11 500				42.0
44.0													21.9	50.8	11 700	34.5	55.4	10 800	43.6	57.5	9 900	44.0
46.0																27.2	52.0	10 200	37.8	55.1	9 300	46.0
48.0																17.3	47.1	9 600	31.2	52.2	8 800	48.0
50.0																			22.9	48.3	8 300	50.0

Liftcrane Luffing Jib Capacities

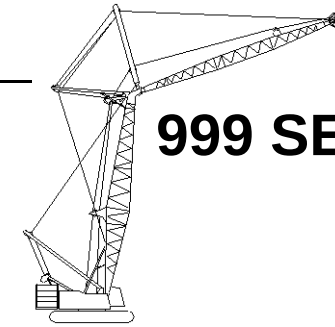
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

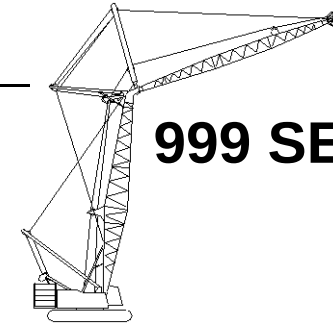
39.6m (130 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	72.4	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	26 600													26.0
28.0	43.3	65.0	22 300 *	51.3	67.9	24 600 *	55.6	69.0	24 200													28.0
30.0	38.0	62.7	21 200 *	46.8	66.1	23 200	51.4	67.6	22 200	58.4	69.1	20 700										30.0
32.0	32.1	59.8	19 500 *	41.9	64.1	21 400	46.9	65.8	20 500	54.3	67.8	19 100										32.0
34.0	24.9	56.2	17 900 *	36.5	61.6	19 800	42.0	63.8	19 000	50.0	66.2	17 700	57.0	67.6	16 400							34.0
36.0	14.9	50.6	15 700 *	30.2	58.6	18 400	36.6	61.3	17 700	45.4	64.4	16 500	52.8	66.2	15 300							36.0
38.0				22.5	54.6	17 200	30.4	58.3	16 500	40.3	62.3	15 400	48.4	64.5	14 200							38.0
40.0							22.7	54.3	15 400	34.7	59.7	14 400	43.6	62.6	13 300	51.0	64.1	12 300				40.0
42.0										28.2	56.4	13 500	38.4	60.3	12 500	46.4	62.4	11 500				42.0
44.0										19.7	51.9	12 700	32.5	57.5	11 700	41.5	60.3	10 800				44.0
46.0													25.4	53.9	11 100	36.0	57.8	10 200	44.1	59.8	9 300	46.0
48.0													15.7	48.5	10 400	29.8	54.7	9 600	39.0	57.5	8 800	48.0
50.0																21.9	50.6	9 100	33.2	54.8	8 300	50.0
52.0																			26.3	51.3	7 800	52.0
54.0																			17.0	46.2	7 400	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	23 000 *													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	18 900										32.0
34.0	33.8	62.4	16 400 *	42.5	66.4	18 000 *	47.1	68.1	18 900	53.9	70.1	17 600										34.0
36.0	27.6	59.0	15 800 *	37.6	64.0	17 200 *	42.6	66.1	17 500	49.9	68.5	16 300										36.0
38.0	19.8	54.4	15 100 *	32.2	61.2	16 400 *	37.8	63.8	16 400	45.7	66.7	15 200	52.5	68.5	14 100							38.0
40.0				25.7	57.5	15 800	32.3	60.9	15 400	41.1	64.6	14 200	48.4	66.8	13 200							40.0
42.0				17.1	52.4	15 000	25.8	57.3	14 400	36.1	62.1	13 400	44.1	64.9	12 300	50.8	66.4	11 300				42.0
44.0							17.3	52.2	13 500	30.4	59.0	12 600	39.4	62.7	11 600	46.6	64.7	10 600				44.0
46.0										23.4	55.1	11 800	34.1	60.0	10 900	42.2	62.6	10 000				46.0
48.0										13.5	49.1	11 200	28.1	56.7	10 300	37.3	60.2	9 400	44.5	62.1	8 600	48.0
50.0													20.4	52.2	9 700	31.7	57.3	8 900	39.9	59.9	8 100	50.0
52.0																25.1	53.6	8 400	34.7	57.3	7 700	52.0
54.0																16.3	48.3	8 000	28.7	54.0	7 300	54.0
56.0																			21.3	49.7	6 800	56.0

Liftcrane Luffing Jib Capacities

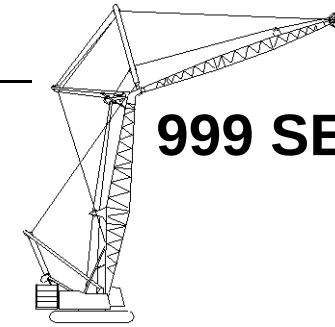
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

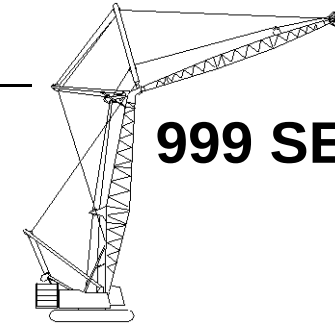
39.6m (130 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	18 400 *	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	18 800										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	17 400										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	16 200										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	15 100										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	14 100	52.2	70.8	13 000							40.0
42.0	14.2	51.8	12 400 *	28.1	60.3	13 800 *	33.8	63.4	14 300	41.8	66.9	13 200	48.5	69.1	12 200							42.0
44.0				21.1	56.0	13 300 *	28.2	60.1	13 500	37.2	64.5	12 500	44.5	67.2	11 500							44.0
46.0							21.3	55.7	12 700	32.1	61.6	11 700	40.2	65.0	10 800	46.8	67.0	9 900				46.0
48.0										26.2	58.0	11 100	35.4	62.4	10 200	42.7	65.0	9 300				48.0
50.0										18.6	53.2	10 500	30.1	59.3	9 600	38.3	62.6	8 800	44.9	64.4	8 000	50.0
52.0													23.7	55.4	9 100	33.3	59.8	8 300	40.6	62.2	7 500	52.0
54.0													15.0	49.7	8 600	27.6	56.5	7 900	36.0	59.7	7 100	54.0
56.0																20.5	52.0	7 400	30.7	56.7	6 700	56.0
58.0																			24.5	52.8	6 400	58.0
60.0																			16.1	47.4	6 000	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.2	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	17 200										34.0
36.0	40.6	69.8	12 900 *	47.2	73.0	14 300 *	50.9	74.5	15 100 *	56.5	76.1	16 000										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	14 900										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	14 000	55.3	74.6	12 900							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	13 100	52.0	73.1	12 000							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	12 300	48.5	71.4	11 300							44.0
46.0				24.1	59.1	11 100 *	30.1	62.8	11 800 *	38.1	66.9	11 600	44.8	69.5	10 700	50.6	71.0	9 700				46.0
48.0				16.3	53.6	10 700 *	24.2	58.9	11 200 *	33.6	64.1	11 000	40.8	67.4	10 000	47.0	69.3	9 100				48.0
50.0							16.5	53.5	10 800 *	28.3	60.8	10 300	36.6	64.9	9 500	43.2	67.3	8 600				50.0
52.0										22.0	56.6	9 800	31.8	61.9	9 000	39.1	65.0	8 200	45.2	66.7	7 400	52.0
54.0										13.1	50.2	9 300	26.2	58.3	8 500	34.6	62.3	7 700	41.3	64.6	6 900	54.0
56.0													19.3	53.5	8 000	29.6	59.1	7 300	37.0	62.1	6 600	56.0
58.0																23.6	55.2	6 900	32.3	59.2	6 200	58.0
60.0																15.6	49.5	6 500	26.9	55.7	5 900	60.0
62.0																			20.1	51.1	5 600	62.0
64.0																			9.6	43.6	5 300	64.0

Liftcrane Luffing Jib Capacities

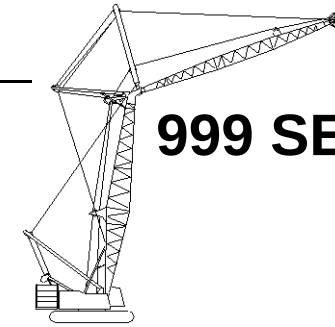
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

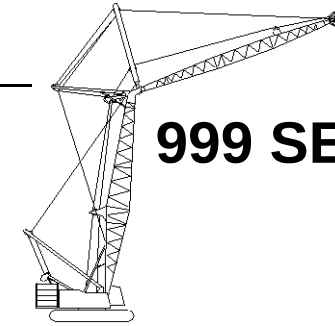
39.6m (130 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	12 000							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	11 300							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	10 600							46.0
48.0	13.8	52.9	8 600 *	26.4	62.0	9 400 *	31.7	65.4	9 900 *	38.9	69.3	10 900	45.1	71.8	10 000	50.5	73.3	9 100				48.0
50.0				20.0	57.3	8 900 *	26.5	61.8	9 400 *	34.8	66.6	10 300	41.4	69.7	9 400	47.1	71.6	8 600				50.0
52.0							20.2	57.1	9 000 *	30.1	63.5	9 700	37.5	67.3	8 900	43.6	69.6	8 100				52.0
54.0										24.6	59.6	9 300	33.1	64.5	8 500	39.8	67.4	7 700	45.5	69.0	6 900	54.0
56.0										17.7	54.4	8 800	28.2	61.1	8 000	35.7	64.8	7 200	41.8	66.9	6 600	56.0
58.0													22.4	56.9	7 600	31.2	61.8	6 900	37.9	64.5	6 200	58.0
60.0													14.4	50.8	7 200	26.0	58.1	6 500	33.6	61.7	5 800	60.0
62.0																19.5	53.3	6 200	28.8	58.4	5 600	62.0
64.0																9.4	45.5	5 800	23.0	54.3	5 300	64.0
66.0																			15.4	48.6	5 000	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.3	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	11 100							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	10 400							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	9 800							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	9 000 *	45.3	74.1	9 300	50.4	75.6	8 400				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	8 700	47.2	73.9	7 900				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	8 300	44.0	71.9	7 500				54.0
56.0							15.8	54.7	6 800 *	26.7	62.5	7 500 *	34.3	67.0	7 900	40.5	69.7	7 100	45.7	71.3	6 400	56.0
58.0										20.9	58.0	7 100 *	29.9	63.8	7 500	36.7	67.2	6 700	42.3	69.3	6 000	58.0
60.0										12.8	51.4	6 800 *	24.8	59.9	7 100	32.5	64.3	6 400	38.7	66.9	5 700	60.0
62.0													18.4	54.8	6 700	27.9	60.9	6 000	34.8	64.2	5 400	62.0
64.0													8.1	46.3	6 300	22.3	56.6	5 700	30.4	61.1	5 100	64.0
66.0																15.0	50.7	5 400	25.4	57.3	4 800	66.0
68.0																			19.1	52.4	4 500	68.0
70.0																			9.7	44.7	4 300	70.0

Liftcrane Luffing Jib Capacities

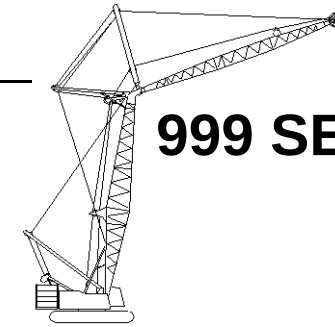
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

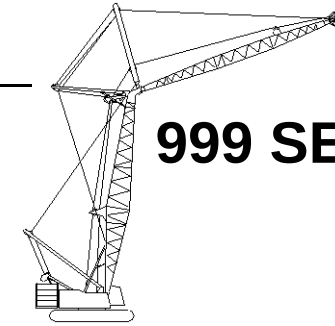
39.6m (130 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.3	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	7 800				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	7 400				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	7 000				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	6 600	45.9	73.6	5 900	58.0
60.0										23.4	61.1	5 600 *	31.3	66.4	6 500 *	37.5	69.6	6 200	42.7	71.6	5 600	60.0
62.0										17.0	55.7	5 100 *	26.7	62.8	6 000 *	33.7	66.8	5 900	39.3	69.3	5 200	62.0
64.0										5.7	45.7	4 700 *	21.3	58.3	5 400 *	29.5	63.6	5 600	35.7	66.7	5 000	64.0
66.0													14.0	52.0	5 000 *	24.6	59.7	5 300	31.7	63.7	4 700	66.0
68.0																18.6	54.6	5 000	27.2	60.1	4 500	68.0
70.0																9.5	46.6	4 800	21.9	55.8	4 200	70.0
72.0																			14.9	49.8	4 000	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	38 400 b	60.9	63.0	36 900 b													20.0
22.0	30.9	56.0	31 800 *	46.8	60.3	34 100	54.5	61.7	32 800 b													22.0
24.0	17.9	51.6	25 400 *	38.9	58.1	30 600	47.6	60.1	29 400													24.0
26.0				29.4	55.2	27 700	39.8	58.0	26 600	53.2	60.6	24 800 b										26.0
28.0							30.5	55.2	24 300	46.2	58.9	22 600										28.0
30.0							17.1	50.6	22 300	38.2	56.7	20 800	51.7	59.1	19 300							30.0
32.0										28.4	53.6	19 100	44.4	57.3	17 800							32.0
34.0													36.1	54.9	16 400	49.6	57.1	15 200 b				34.0
36.0													25.6	51.6	15 300	42.1	55.2	14 100				36.0
38.0																33.4	52.6	13 200				38.0
40.0																21.7	48.7	12 300				40.0
42.0																			39.1	52.5	11 300	42.0
44.0																			29.6	49.6	10 500	44.0
																			15.6	44.8	9 900	

Liftcrane Luffing Jib Capacities

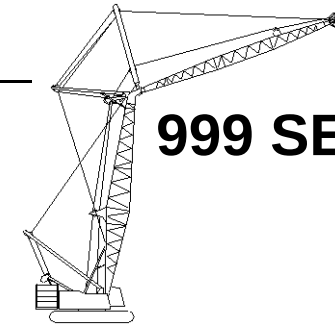
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

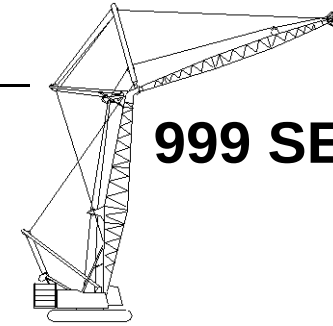
42.7m (140 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	37 600 b	64.8	66.4	36 800 b													20.0
22.0	41.4	61.2	31 800 *	53.2	64.3	34 100	59.5	65.4	32 600 b													22.0
24.0	33.6	58.6	28 800 *	47.1	62.6	30 500	53.8	64.0	29 300													24.0
26.0	23.9	54.9	25 300 *	40.3	60.5	27 600	47.8	62.4	26 500	58.4	64.3	24 700 b										26.0
28.0				32.4	57.8	25 200	41.0	60.4	24 200	52.7	62.9	22 500										28.0
30.0				22.1	53.9	23 100	33.3	57.7	22 200	46.6	61.2	20 600										30.0
32.0							23.3	54.0	20 500	39.7	59.1	19 000	51.3	61.4	17 600							32.0
34.0										31.6	56.3	17 600	45.0	59.6	16 300							34.0
36.0										21.0	52.2	16 400	37.9	57.3	15 100	49.5	59.4	13 900				36.0
38.0													29.4	54.3	14 100	43.0	57.5	13 000				38.0
40.0																35.6	55.0	12 100				40.0
42.0																26.5	51.7	11 300	40.5	54.9	10 400	42.0
44.0																12.3	46.1	10 600	32.6	52.2	9 700	44.0
46.0																			22.4	48.4	9 100	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	68.6	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	32 600 b													22.0
24.0	42.3	63.5	27 800 *	52.8	66.6	30 400	58.4	67.7	29 200													24.0
26.0	35.6	61.1	25 800 *	47.3	64.9	27 600	53.3	66.4	26 400	62.3	67.8	24 500 b										26.0
28.0	27.6	57.8	23 300 *	41.3	62.9	25 200	47.9	64.7	24 100	57.4	66.6	22 400										28.0
30.0	16.5	52.9	19 700 *	34.5	60.3	23 100	42.0	62.7	22 100	52.3	65.2	20 500										30.0
32.0				26.3	56.9	21 300	35.3	60.2	20 400	46.8	63.5	18 900	56.3	65.1	17 500							32.0
34.0							27.2	56.9	18 900	40.8	61.4	17 600	51.1	63.7	16 200							34.0
36.0							15.8	51.9	17 600	33.9	58.8	16 300	45.5	61.9	15 000							36.0
38.0										25.5	55.3	15 200	39.3	59.7	14 000							38.0
40.0													32.1	56.9	13 100	43.7	59.8	12 000				40.0
42.0													23.1	53.1	12 300	37.3	57.5	11 300				42.0
44.0																29.7	54.4	10 600	41.5	57.2	9 600	44.0
46.0																19.7	50.1	9 900	34.7	54.7	9 000	46.0
48.0																			26.5	51.3	8 500	48.0
50.0																			14.6	46.0	8 000	50.0

Liftcrane Luffing Jib Capacities

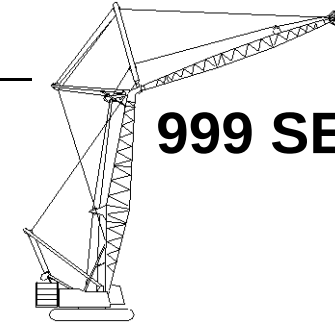
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

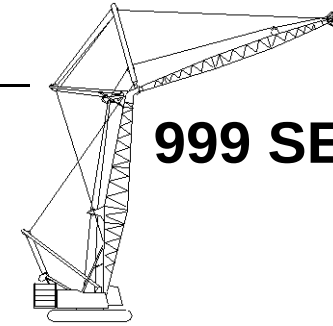
42.7m (140 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	70.8	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	31 700 b													22.0
24.0	48.2	67.8	25 400 *	57.0	70.3	28 600 *	61.8	71.2	29 100													24.0
26.0	43.0	65.9	24 300 *	52.4	68.9	27 100	57.5	70.1	26 300													26.0
28.0	37.1	63.5	23 100 *	47.5	67.2	25 100	52.9	68.7	24 000	61.0	70.2	22 200										28.0
30.0	30.4	60.5	21 200 *	42.2	65.2	23 000	48.0	67.0	22 000	56.6	69.0	20 300										30.0
32.0	21.8	56.4	19 400 *	36.2	62.7	21 200	42.7	65.0	20 300	52.0	67.5	18 800										32.0
34.0				29.2	59.6	19 600	36.8	62.6	18 800	47.0	65.8	17 400	55.6	67.5	16 000							34.0
36.0				20.3	55.3	18 300	30.0	59.6	17 500	41.7	63.8	16 200	50.9	66.0	14 900							36.0
38.0							21.3	55.5	16 300	35.6	61.3	15 100	45.8	64.2	13 900							38.0
40.0										28.6	58.1	14 100	40.3	62.0	12 900	49.4	64.0	11 800				40.0
42.0										19.3	53.6	13 200	34.1	59.4	12 100	44.3	62.1	11 100				42.0
44.0													26.7	56.0	11 400	38.6	59.9	10 400				44.0
46.0																32.1	57.0	9 800	42.3	59.6	8 900	46.0
48.0																24.1	53.3	9 200	36.4	57.1	8 300	48.0
50.0																11.9	47.1	8 700	29.4	54.0	7 900	50.0
52.0																			20.5	49.8	7 400	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	72.6	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	28 600 *																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	26 000 *	60.7	73.6	26 200													26.0
28.0	43.5	68.2	22 300 *	52.1	71.2	24 800	56.7	72.4	24 000													28.0
30.0	38.3	65.9	21 100 *	47.6	69.5	23 000	52.5	71.0	22 000	60.0	72.5	20 300										30.0
32.0	32.4	63.1	19 300 *	42.8	67.5	21 200	48.1	69.3	20 300	56.0	71.3	18 700										32.0
34.0	25.3	59.4	17 800 *	37.5	65.1	19 600	43.3	67.4	18 800	51.7	69.8	17 400										34.0
36.0	15.5	54.1	15 800 *	31.5	62.2	18 300	38.1	65.0	17 500	47.2	68.1	16 200	55.0	69.8	14 900							36.0
38.0				24.1	58.4	17 100	32.1	62.2	16 300	42.4	66.1	15 100	50.7	68.3	13 800							38.0
40.0							25.0	58.5	15 300	37.0	63.7	14 100	46.1	66.5	12 900							40.0
42.0							15.0	53.0	14 300	30.9	60.7	13 200	41.2	64.4	12 100	49.4	66.3	11 100				42.0
44.0										23.4	56.8	12 500	35.7	61.9	11 400	44.7	64.4	10 400				44.0
46.0													29.3	58.7	10 700	39.6	62.2	9 800				46.0
48.0													21.3	54.5	10 200	33.9	59.6	9 200	42.9	61.9	8 300	48.0
50.0																27.2	56.2	8 700	37.6	59.6	7 900	50.0
52.0																18.4	51.4	8 200	31.6	56.7	7 400	52.0
54.0																			24.3	52.9	7 000	54.0
56.0																			13.9	47.1	6 600	56.0

Liftcrane Luffing Jib Capacities

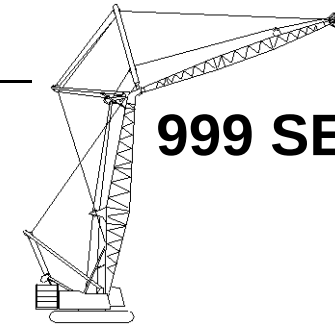
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

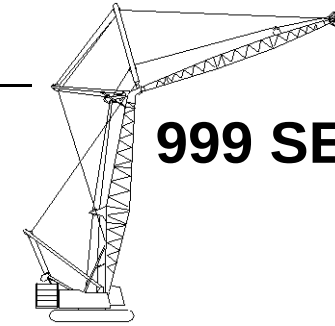
42.7m (140 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.1	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	24 300 *																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	19 900 *	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	20 100	59.1	74.9	18 600										32.0
34.0	34.1	65.6	16 500 *	43.4	69.8	18 200 *	48.2	71.6	18 700	55.4	73.6	17 200										34.0
36.0	28.0	62.2	15 800 *	38.6	67.5	17 400 *	43.8	69.7	17 400	51.5	72.1	16 000										36.0
38.0	20.3	57.8	14 800 *	33.2	64.8	16 600 *	39.1	67.4	16 200	47.4	70.4	14 900	54.5	72.1	13 700							38.0
40.0				27.0	61.3	15 900	33.8	64.7	15 200	43.0	68.4	14 000	50.6	70.6	12 800							40.0
42.0				18.9	56.6	14 900	27.7	61.4	14 200	38.1	66.1	13 100	46.4	68.8	12 000							42.0
44.0							19.9	56.8	13 400	32.7	63.3	12 300	41.9	66.7	11 300	49.4	68.6	10 200				44.0
46.0										26.4	59.7	11 600	36.9	64.3	10 600	45.1	66.7	9 600				46.0
48.0										18.1	54.9	11 000	31.3	61.4	10 000	40.5	64.6	9 000				48.0
50.0													24.7	57.6	9 400	35.4	62.0	8 500	43.5	64.2	7 700	50.0
52.0																29.5	58.9	8 100	38.7	61.9	7 300	52.0
54.0																22.4	54.8	7 600	33.4	59.2	6 800	54.0
56.0																11.7	48.2	7 200	27.1	55.8	6 500	56.0
58.0																			19.2	51.1	6 100	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.4	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	18 500										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	17 100										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	15 900										36.0
38.0	30.0	64.9	13 900 *	39.5	69.9	15 300 *	44.2	72.0	16 100	51.3	74.4	14 800										38.0
40.0	23.6	61.0	13 300 *	34.7	67.3	14 600 *	39.9	69.8	15 100	47.5	72.7	13 800	54.1	74.4	12 700							40.0
42.0	14.8	55.2	12 400 *	29.2	64.0	14 000 *	35.2	67.2	14 100	43.4	70.7	13 000	50.4	72.9	11 900							42.0
44.0				22.5	59.9	13 500 *	29.8	64.0	13 300	39.1	68.5	12 200	46.6	71.1	11 100							44.0
46.0							23.3	60.0	12 500	34.2	65.8	11 500	42.5	69.1	10 500	49.3	70.9	9 500				46.0
48.0							14.3	54.2	11 800	28.7	62.5	10 900	38.0	66.7	9 900	45.4	69.1	9 000				48.0
50.0										21.9	58.3	10 200	33.0	63.9	9 300	41.2	66.9	8 400				50.0
52.0													27.2	60.4	8 800	36.6	64.5	8 000	43.9	66.6	7 100	52.0
54.0													20.0	55.9	8 400	31.4	61.5	7 500	39.6	64.3	6 700	54.0
56.0																25.3	57.8	7 100	34.8	61.7	6 400	56.0
58.0																17.4	52.7	6 700	29.3	58.5	6 000	58.0
60.0																			22.7	54.4	5 700	60.0
62.0																			13.4	48.3	5 400	62.0

Liftcrane Luffing Jib Capacities

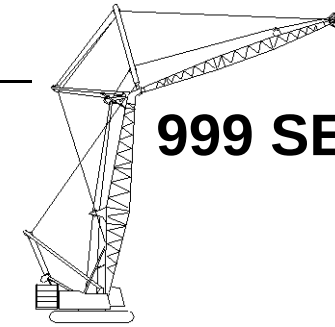
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

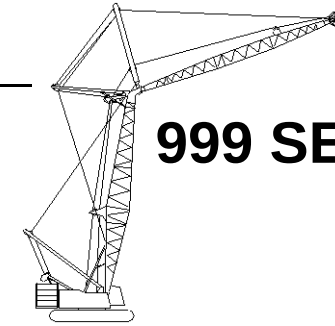
42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	17 100 *													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	16 900										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	15 700										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	14 600										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	13 700	57.0	78.1	12 500							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	12 800	53.7	76.7	11 700							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	12 000	50.3	75.2	10 900							44.0
46.0				25.3	62.9	11 300 *	31.5	66.6	11 900 *	39.8	70.8	11 400	46.8	73.4	10 300							46.0
48.0				18.0	57.9	10 800 *	25.9	63.0	11 400 *	35.4	68.2	10 700	42.9	71.4	9 700	49.3	73.2	8 800				48.0
50.0							18.8	58.1	10 900 *	30.5	65.2	10 100	38.8	69.1	9 200	45.7	71.4	8 200				50.0
52.0										24.7	61.3	9 600	34.3	66.4	8 700	41.8	69.3	7 800				52.0
54.0										17.2	56.1	9 100	29.2	63.2	8 200	37.6	66.9	7 400	44.3	68.9	6 500	54.0
56.0													23.1	59.1	7 800	32.9	64.0	7 000	40.3	66.7	6 200	56.0
58.0																27.6	60.6	6 600	35.9	64.1	5 800	58.0
60.0																21.1	56.2	6 200	31.1	61.1	5 500	60.0
62.0																11.5	49.3	5 900	25.4	57.4	5 200	62.0
64.0																			18.2	52.4	4 900	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.4	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	13 700										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	12 800	56.5	80.4	11 600							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	12 000	53.4	79.0	10 900							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	11 300	50.2	77.5	10 300							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	10 700	46.9	75.7	9 700							48.0
50.0				21.3	61.3	9 000 *	27.9	65.8	9 600 *	36.5	70.7	10 100	43.4	73.7	9 100	49.3	75.5	8 200				50.0
52.0							22.0	61.5	9 100 *	32.0	67.7	9 600	39.6	71.5	8 700	45.9	73.7	7 800				52.0
54.0							13.9	55.3	8 700 *	26.9	64.2	9 000	35.5	68.9	8 200	42.3	71.6	7 300				54.0
56.0										20.7	59.7	8 600	30.9	65.8	7 700	38.4	69.3	6 900	44.6	71.2	6 100	56.0
58.0													25.6	62.1	7 300	34.2	66.5	6 600	40.9	69.0	5 800	58.0
60.0													19.0	57.2	7 000	29.4	63.3	6 200	36.9	66.5	5 500	60.0
62.0																23.8	59.3	5 900	32.5	63.7	5 200	62.0
64.0																16.6	53.9	5 600	27.5	60.2	4 900	64.0
66.0																			21.5	55.8	4 700	66.0
68.0																			13.0	49.4	4 400	68.0

Liftcrane Luffing Jib Capacities

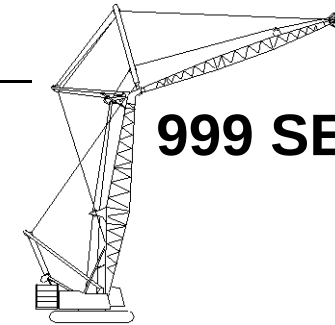
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

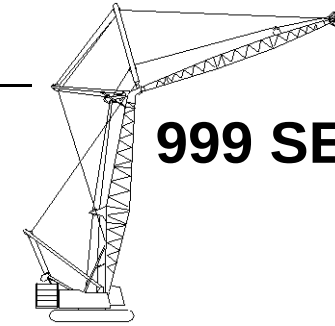
42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	10 700							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	10 100							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	9 500							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	9 000							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	8 500	49.3	77.8	7 600				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	8 000	46.1	76.0	7 200				54.0
56.0							18.0	59.4	6 900 *	28.7	66.9	7 800 *	36.4	71.3	7 600	42.7	73.9	6 800				56.0
58.0										23.4	62.8	7 300 *	32.3	68.4	7 200	39.1	71.6	6 400	44.9	73.5	5 600	58.0
60.0										16.5	57.3	6 900 *	27.6	64.9	6 800	35.3	69.0	6 100	41.5	71.4	5 300	60.0
62.0													21.9	60.5	6 500	31.0	65.9	5 700	37.8	68.9	5 000	62.0
64.0													14.4	54.4	6 200	26.0	62.2	5 400	33.8	66.2	4 800	64.0
66.0																20.0	57.5	5 100	29.3	62.9	4 500	66.0
68.0																11.3	50.4	4 900	24.0	58.9	4 200	68.0
70.0																			17.4	53.6	4 000	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.4	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	10 000							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	9 400							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	8 900							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	8 300	52.1	81.7	7 400				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	7 900	49.3	80.1	7 000				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	7 500	46.3	78.3	6 600				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	6 300				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	5 900	45.1	75.8	5 200	60.0
62.0										19.7	61.0	5 300 *	29.2	67.6	6 300 *	36.2	71.4	5 600	41.9	73.7	4 900	62.0
64.0										11.5	53.9	4 900 *	24.3	63.6	5 800 *	32.3	68.5	5 300	38.5	71.3	4 600	64.0
66.0													18.2	58.5	5 200 *	27.8	65.0	5 100	34.8	68.6	4 400	66.0
68.0																22.6	60.8	4 800	30.7	65.5	4 100	68.0
70.0																16.0	55.1	4 500	26.1	61.8	3 900	70.0
72.0																			20.5	57.2	3 700	72.0

Liftcrane Luffing Jib Capacities

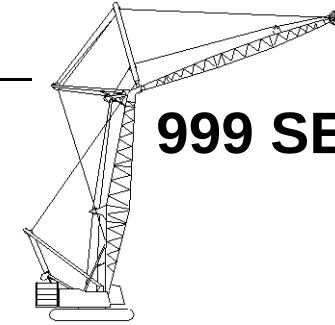
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

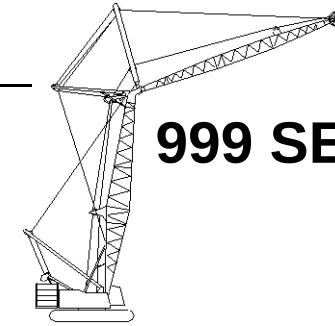
45.7m (150 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	38 200 b																20.0
22.0	31.5	59.3	32 000 *	48.2	63.7	33 900 b	56.2	65.1	32 500 b													22.0
24.0	18.8	55.0	25 600 *	40.5	61.6	30 500	49.5	63.6	29 100													24.0
26.0				31.3	58.9	27 600	42.0	61.6	26 400	55.8	64.1	24 400 b										26.0
28.0				18.6	54.6	24 600	33.2	59.0	24 100	49.1	62.6	22 200 b										28.0
30.0							21.4	55.2	22 100	41.5	60.6	20 400										30.0
32.0										32.6	57.9	18 800	48.3	61.1	17 300							32.0
34.0										20.5	53.9	17 400	40.6	59.1	16 000							34.0
36.0													31.5	56.3	14 900	47.1	59.2	13 600				36.0
38.0													18.8	52.1	13 800	39.2	57.1	12 600				38.0
40.0																29.7	54.2	11 800	45.2	56.9	10 700	40.0
42.0																15.8	49.4	11 000	37.1	54.6	10 000	42.0
44.0																			26.9	51.4	9 400	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	37 900 b	66.1	69.7	36 400 b													20.0
22.0	41.7	64.4	31 800 *	54.3	67.6	33 800 b	60.9	68.7	32 300 b													22.0
24.0	34.1	61.8	29 000 *	48.3	66.0	30 300	55.4	67.4	29 000													24.0
26.0	24.5	58.2	25 800 *	41.6	64.0	27 500	49.4	65.9	26 200	60.6	67.7	24 200 b										26.0
28.0				34.0	61.4	25 100	42.9	64.0	24 000	55.0	66.4	22 100 b										28.0
30.0				24.3	57.8	23 000	35.5	61.5	22 000	49.1	64.9	20 200										30.0
32.0				6.6	50.5	19 500	26.3	58.2	20 300	42.5	62.9	18 700	54.4	65.0	17 100							32.0
34.0										35.0	60.4	17 300	48.4	63.4	15 800							34.0
36.0										25.7	57.0	16 100	41.7	61.4	14 700							36.0
38.0										10.4	50.9	14 900	34.1	58.9	13 700	47.3	61.5	12 400				38.0
40.0													24.5	55.3	12 800	40.5	59.5	11 600				40.0
42.0																32.6	56.8	10 900				42.0
44.0																22.5	52.9	10 200				44.0
46.0																			38.7	57.0	9 200	46.0
48.0																			30.4	54.1	8 600	48.0
																			19.2	49.7	8 100	

Liftcrane Luffing Jib Capacities

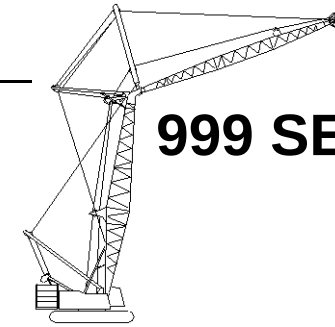
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

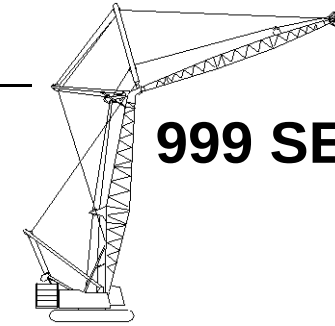
45.7m (150 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	68.8	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	32 700 *	64.4	72.1	32 200 b													22.0
24.0	42.6	66.7	27 800 *	53.7	69.9	30 300	59.6	71.0	28 900													24.0
26.0	36.0	64.2	25 900 *	48.4	68.3	27 400	54.7	69.7	26 100													26.0
28.0	28.1	61.1	23 500 *	42.5	66.3	25 000	49.4	68.2	23 900	59.4	70.0	22 000 b										28.0
30.0	17.3	56.3	20 000 *	35.9	63.8	23 000	43.6	66.3	21 900	54.4	68.7	20 100										30.0
32.0				28.0	60.6	21 200	37.2	63.9	20 200	49.0	67.2	18 600										32.0
34.0				17.1	55.8	19 300	29.6	60.9	18 700	43.3	65.2	17 200	53.8	67.3	15 700							34.0
36.0							19.5	56.5	17 400	36.7	62.9	16 000	48.5	65.7	14 600							36.0
38.0										29.1	59.8	14 900	42.6	63.8	13 600							38.0
40.0										18.7	55.2	14 000	36.0	61.3	12 700	47.5	63.8	11 500				40.0
42.0													28.1	58.1	11 900	41.5	61.8	10 800				42.0
44.0													17.3	53.3	11 200	34.8	59.3	10 100				44.0
46.0																26.6	55.9	9 500	40.0	59.3	8 500	46.0
48.0																14.7	50.6	8 900	32.9	56.6	8 000	48.0
50.0																			24.2	53.0	7 500	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	28 800													24.0
26.0	43.3	69.0	24 300 *	53.3	72.2	27 300	58.6	73.4	26 000													26.0
28.0	37.5	66.7	23 000 *	48.4	70.6	24 900	54.1	72.1	23 700													28.0
30.0	30.7	63.7	21 000 *	43.2	68.6	22 800	49.3	70.5	21 700	58.4	72.4	20 000										30.0
32.0	22.3	59.7	19 300 *	37.4	66.3	21 100	44.2	68.6	20 000	53.8	71.1	18 400										32.0
34.0				30.6	63.3	19 500	38.5	66.3	18 600	49.0	69.5	17 000										34.0
36.0				22.2	59.3	18 100	32.0	63.5	17 300	43.9	67.6	15 800	53.3	69.6	14 400							36.0
38.0				7.4	51.7	15 800	23.9	59.7	16 200	38.1	65.3	14 800	48.5	68.0	13 400							38.0
40.0										31.5	62.4	13 800	43.3	66.1	12 500							40.0
42.0										23.4	58.5	13 000	37.5	63.7	11 800	47.7	66.1	10 600				42.0
44.0										10.4	51.9	12 100	30.8	60.8	11 000	42.3	64.1	9 900				44.0
46.0													22.3	56.8	10 400	36.4	61.7	9 400	46.4	63.8	8 300	46.0
48.0																29.5	58.6	8 800	40.9	61.7	7 800	48.0
50.0																20.6	54.3	8 300	34.8	59.1	7 400	50.0
52.0																			27.6	55.8	6 900	52.0
54.0																			17.8	51.0	6 500	54.0

Liftcrane Luffing Jib Capacities

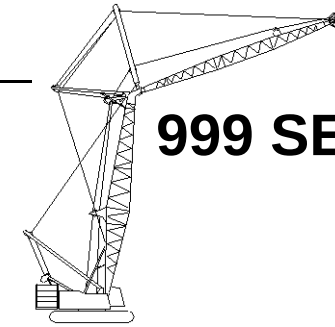
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

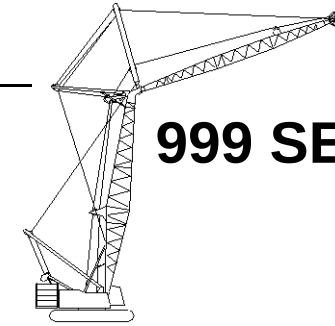
45.7m (150 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	27 400 *	65.6	77.9	28 400													24.0
26.0	48.5	73.3	23 400 *	57.1	75.9	26 200 *	61.8	76.9	26 000													26.0
28.0	43.8	71.3	22 200 *	52.9	74.5	24 900	57.8	75.7	23 700													28.0
30.0	38.6	69.1	20 500 *	48.5	72.9	22 900	53.7	74.4	21 700													30.0
32.0	32.8	66.3	18 800 *	43.7	70.9	21 100	49.3	72.8	20 000	57.6	74.7	18 400										32.0
34.0	25.8	62.7	17 400 *	38.5	68.6	19 500	44.6	70.9	18 600	53.4	73.4	17 000										34.0
36.0	16.2	57.5	15 900 *	32.7	65.9	18 200	39.5	68.7	17 300	49.0	71.8	15 800										36.0
38.0				25.7	62.3	17 000	33.8	66.0	16 200	44.3	69.9	14 800	53.0	72.0	13 400							38.0
40.0				16.0	57.0	15 800	27.0	62.6	15 100	39.2	67.6	13 800	48.6	70.3	12 500							40.0
42.0							18.1	57.8	14 200	33.4	64.9	13 000	43.8	68.4	11 800							42.0
44.0										26.6	61.5	12 200	38.6	66.1	11 000	47.8	68.4	9 900				44.0
46.0										17.5	56.5	11 500	32.8	63.3	10 400	43.0	66.5	9 400				46.0
48.0													25.8	59.8	9 800	37.7	64.1	8 800				48.0
50.0													16.2	54.5	9 200	31.7	61.2	8 300	41.7	64.0	7 400	50.0
52.0																24.4	57.5	7 800	36.3	61.6	6 900	52.0
54.0																14.0	51.7	7 400	30.0	58.5	6 600	54.0
56.0																			22.3	54.4	6 200	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.3	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	21 100 *	60.8	79.3	22 400 *													28.0
30.0	44.3	73.7	18 000 *	52.6	76.8	20 100 *	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	19 900	60.6	78.3	18 200										32.0
34.0	34.4	68.8	16 500 *	44.2	73.3	18 400 *	49.3	75.1	18 400	56.9	77.1	16 800										34.0
36.0	28.3	65.5	15 500 *	39.5	71.0	17 500 *	45.0	73.2	17 200	53.1	75.7	15 600										36.0
38.0	20.8	61.1	14 500 *	34.3	68.4	16 800 *	40.4	71.1	16 000	49.0	74.1	14 600										38.0
40.0				28.2	65.1	15 800	35.3	68.5	15 000	44.7	72.2	13 700	52.6	74.3	12 400							40.0
42.0				20.7	60.7	14 800	29.4	65.3	14 100	40.1	70.0	12 800	48.6	72.6	11 600							42.0
44.0				8.0	52.8	13 100	22.2	61.2	13 200	34.9	67.4	12 000	44.3	70.7	10 900							44.0
46.0										29.0	64.2	11 300	39.6	68.5	10 300	47.9	70.7	9 200				46.0
48.0										21.7	60.0	10 700	34.4	65.8	9 700	43.5	68.8	8 600				48.0
50.0										10.4	53.0	10 100	28.3	62.5	9 100	38.7	66.5	8 100				50.0
52.0													20.8	58.2	8 600	33.4	63.7	7 700	42.4	66.4	6 800	52.0
54.0																27.2	60.3	7 300	37.5	64.0	6 400	54.0
56.0																19.2	55.7	6 900	32.0	61.1	6 100	56.0
58.0																			25.5	57.4	5 700	58.0
60.0																			16.8	52.3	5 400	60.0

Liftcrane Luffing Jib Capacities

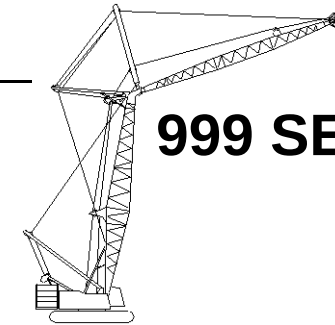
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

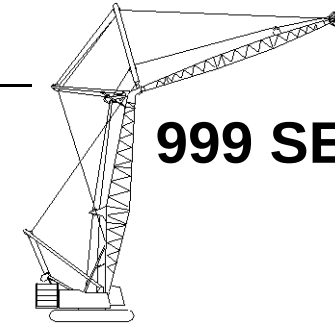
45.7m (150 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	18 000										32.0
34.0	40.4	73.8	15 200 *	48.6	77.5	16 900 *	53.0	79.0	18 000 *	59.7	80.7	16 700										34.0
36.0	35.7	71.2	14 500 *	44.6	75.6	16 200 *	49.3	77.4	17 100	56.3	79.4	15 600										36.0
38.0	30.3	68.1	13 900 *	40.3	73.4	15 500 *	45.3	75.5	15 900	52.8	78.0	14 500										38.0
40.0	24.0	64.3	13 200 *	35.6	70.8	14 700 *	41.1	73.4	14 900	49.0	76.4	13 600	55.9	78.0	12 200							40.0
42.0	15.4	58.7	12 400 *	30.3	67.7	14 100 *	36.5	70.9	14 000	45.1	74.5	12 700	52.4	76.6	11 500							42.0
44.0				23.9	63.8	13 600 *	31.3	67.9	13 100	40.8	72.4	12 000	48.6	74.9	10 800							44.0
46.0				15.3	58.2	13 000	25.2	64.2	12 400	36.2	69.8	11 200	44.6	73.0	10 100	51.7	74.7	9 000				46.0
48.0							17.2	59.1	11 700	31.0	66.8	10 600	40.4	70.8	9 500	48.0	73.0	8 500				48.0
50.0										24.8	63.0	10 000	35.7	68.3	9 000	43.9	71.1	8 000				50.0
52.0										16.6	57.7	9 500	30.3	65.2	8 500	39.6	68.9	7 600	47.0	70.7	6 600	52.0
54.0													24.0	61.3	8 100	34.8	66.2	7 200	42.9	68.7	6 300	54.0
56.0													15.4	55.7	7 600	29.4	63.0	6 800	38.5	66.4	5 900	56.0
58.0																22.8	59.0	6 400	33.6	63.6	5 600	58.0
60.0																13.5	52.8	6 100	27.9	60.2	5 300	60.0
62.0																			20.9	55.8	5 000	62.0
64.0																			10.0	48.6	4 700	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.5	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	16 500										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	15 400										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	14 300										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	13 400										40.0
42.0	26.5	67.2	11 200 *	36.7	73.2	12 500 *	41.7	75.8	13 400 *	49.0	78.7	12 500	55.5	80.3	11 300							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	11 800	52.1	78.9	10 600							44.0
46.0				26.4	66.7	11 400 *	32.8	70.5	12 100 *	41.5	74.7	11 100	48.6	77.2	9 900							46.0
48.0				19.5	62.0	10 900 *	27.5	67.0	11 600	37.2	72.3	10 500	45.0	75.3	9 400	51.6	77.0	8 300				48.0
50.0				8.3	53.9	10 600 *	20.9	62.6	10 900	32.5	69.4	9 900	41.0	73.2	8 900	48.0	75.3	7 800				50.0
52.0										27.1	65.9	9 300	36.7	70.7	8 300	44.3	73.4	7 400				52.0
54.0										20.5	61.4	8 900	32.0	67.8	7 900	40.3	71.2	7 000				54.0
56.0										10.3	54.1	8 400				36.0	68.7	6 600	43.4	71.0	5 700	56.0
58.0													26.5	64.2	7 500	31.1	65.7	6 200	39.3	68.7	5 400	58.0
60.0													19.6	59.5	7 100	25.4	61.9	5 900	34.8	66.1	5 100	60.0
62.0																18.2	56.9	5 600	29.8	62.9	4 800	62.0
64.0																4.6	47.1	5 300	23.9	59.0	4 600	64.0
66.0																			16.0	53.5	4 300	66.0

Liftcrane Luffing Jib Capacities

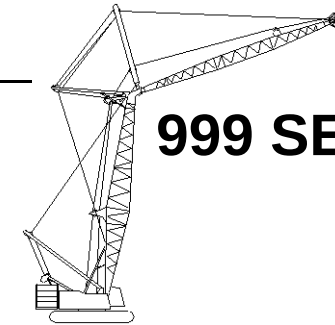
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

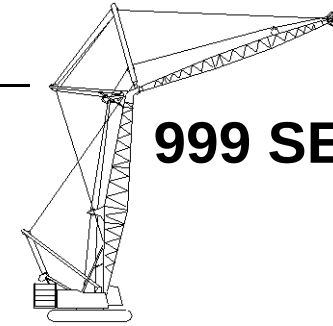
45.7m (150 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	15 300										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	14 300										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	13 300										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	12 500										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	11 800	55.0	82.7	10 500							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	11 100	51.9	81.2	9 900							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	10 400	48.7	79.5	9 300							48.0
50.0				22.6	65.3	9 100 *	29.3	69.8	9 800 *	38.1	74.7	9 900	45.2	77.7	8 800							50.0
52.0				14.7	59.4	8 800 *	23.7	65.7	9 300 *	33.8	71.9	9 300	41.6	75.5	8 300	48.1	77.6	7 400				52.0
54.0							16.4	60.3	8 800 *	29.0	68.6	8 800	37.7	73.1	7 900	44.6	75.7	6 900				54.0
56.0										23.3	64.6	8 400	33.3	70.3	7 500	40.9	73.6	6 500				56.0
58.0										15.9	58.9	8 000	28.5	67.0	7 100	37.0	71.1	6 200	43.8	73.3	5 400	58.0
60.0													22.6	62.8	6 700	32.6	68.2	5 900	40.0	71.1	5 100	60.0
62.0													14.8	56.9	6 300	27.6	64.8	5 600	35.9	68.5	4 800	62.0
64.0																21.5	60.4	5 300	31.4	65.5	4 500	64.0
66.0																13.1	54.0	5 000	26.2	61.9	4 300	66.0
68.0																			19.8	57.2	4 100	68.0
70.0																			10.0	49.7	3 800	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.6	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	9 400 *	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	9 800							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	9 200							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	8 600							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	8 200	51.2	81.6	7 200				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	7 700	48.2	79.9	6 800				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	7 300	44.9	78.0	6 400				56.0
58.0										25.6	67.5	7 500 *	34.5	72.8	6 900	41.5	75.9	6 000	47.4	77.6	5 200	58.0
60.0										19.5	62.7	7 100 *	30.1	69.6	6 600	37.8	73.5	5 700	44.1	75.6	4 900	60.0
62.0										10.3	55.2	6 800 *	25.0	65.8	6 200	33.8	70.7	5 400	40.6	73.5	4 600	62.0
64.0													18.7	60.8	5 900	29.3	67.5	5 100	36.9	71.0	4 400	64.0
66.0																24.1	63.5	4 800	32.7	68.1	4 100	66.0
68.0																17.4	58.2	4 600	28.1	64.7	3 900	68.0
70.0																5.6	48.4	4 300	22.6	60.5	3 700	70.0
72.0																			15.4	54.6	3 400	72.0

Liftcrane Luffing Jib Capacities

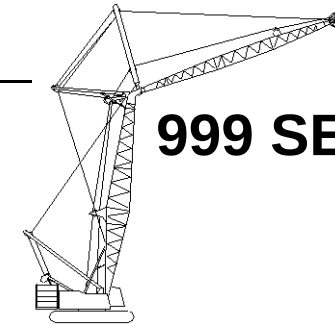
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

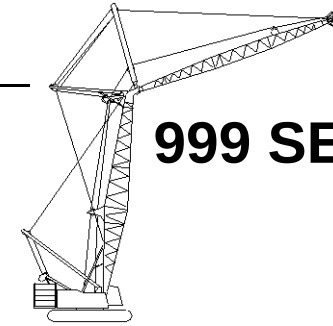
45.7m (150 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	9 600							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	9 000							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	8 500 *	51.6	85.8	8 500							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	8 000							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	7 600	51.1	83.9	6 600				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	7 200	48.2	82.2	6 200				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	6 800	45.2	80.4	5 900				58.0
60.0							15.8	61.5	5 100 *	27.5	70.3	6 100 *	35.5	75.3	6 400	42.0	78.2	5 600				60.0
62.0										22.2	66.0	5 600 *	31.5	72.2	6 100	38.5	75.9	5 300	44.4	78.0	4 500	62.0
64.0										15.3	60.1	5 100 *	26.9	68.7	5 800	34.8	73.2	5 000	41.1	75.8	4 200	64.0
66.0													21.5	64.2	5 500	30.7	70.1	4 700	37.7	73.4	4 000	66.0
68.0													14.4	58.0	5 100 *	26.1	66.4	4 500	33.9	70.6	3 800	68.0
70.0																20.5	61.8	4 200	29.7	67.4	3 500	70.0
72.0																12.8	55.1	4 000	24.8	63.5	3 400	72.0
76.0																			10.0	50.7	3 000	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	38 000 b																20.0
22.0	32.0	62.5	31 600 *	49.5	67.0	33 700 b	57.9	68.4	32 100 b													22.0
24.0	19.7	58.4	26 100 *	42.0	65.1	30 300	51.3	67.0	28 800 b													24.0
26.0				33.2	62.5	27 400	44.1	65.2	26 100	58.4	67.6	23 900 b										26.0
28.0				21.5	58.6	25 000	35.7	62.8	23 800	51.8	66.2	21 800 b										28.0
30.0							25.0	59.4	21 800	44.6	64.4	20 000										30.0
32.0										36.3	62.0	18 500	51.9	64.9	16 800 b							32.0
34.0										25.9	58.7	17 100	44.8	63.1	15 500							34.0
36.0													36.5	60.7	14 400							36.0
38.0													26.2	57.5	13 400	44.4	61.3	12 100				38.0
40.0																36.1	58.9	11 300				40.0
42.0																25.6	55.6	10 600				42.0
44.0																			43.4	59.0	9 400	44.0
46.0																			34.9	56.6	8 900	46.0
																			24.0	53.0	8 300	

Liftcrane Luffing Jib Capacities

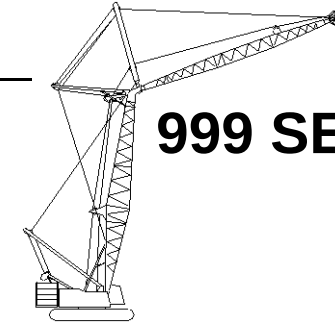
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

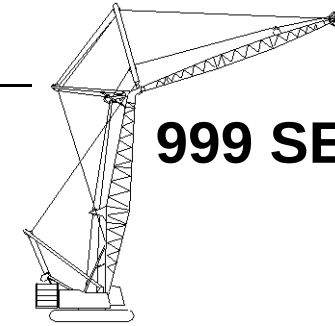
48.8m (160 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	37 900 b																20.0
22.0	42.1	67.5	31 600 *	55.4	70.8	33 600 b	62.3	72.0	32 000 b													22.0
24.0	34.5	65.0	28 300 *	49.5	69.3	30 100	56.9	70.8	28 600 b													24.0
26.0	25.1	61.5	25 700 *	42.9	67.4	27 300	51.0	69.3	26 000	62.7	71.1	23 700 b										26.0
28.0				35.5	64.9	24 900	44.7	67.5	23 700	57.2	69.9	21 600 b										28.0
30.0				26.3	61.6	22 900	37.6	65.2	21 700	51.5	68.5	19 800										30.0
32.0				12.0	55.8	21 000	29.0	62.2	20 000	45.2	66.7	18 300	57.4	68.6	16 600 b							32.0
34.0										38.1	64.4	16 900	51.6	67.2	15 300							34.0
36.0										29.6	61.5	15 700	45.3	65.4	14 200							36.0
38.0										18.0	56.9	14 700	38.2	63.1	13 300							38.0
40.0													29.8	60.2	12 400	45.0	63.6	11 100				40.0
42.0													18.3	55.7	11 600	37.9	61.3	10 400				42.0
44.0																29.4	58.3	9 800				44.0
46.0																			36.9	59.0	8 100	46.0
48.0																			28.2	55.9	7 600	48.0
50.0																			15.5	50.9	7 100	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	34 300 *b																20.0
22.0	48.7	71.8	29 000 *	59.7	74.5	32 700 b	65.6	75.3	31 800 b													22.0
24.0	42.9	69.9	27 500 *	54.7	73.2	30 200	60.9	74.3	28 500													24.0
26.0	36.4	67.4	25 300 *	49.4	71.6	27 200	56.0	73.1	25 800													26.0
28.0	28.6	64.3	23 100 *	43.6	69.7	24 800	50.8	71.6	23 600	61.3	73.4	21 500 b										28.0
30.0	18.0	59.7	20 200 *	37.2	67.4	22 800	45.2	69.8	21 700	56.4	72.2	19 700										30.0
32.0				29.6	64.3	21 000	39.0	67.6	20 000	51.2	70.8	18 200										32.0
34.0				19.5	60.0	19 500	31.7	64.8	18 500	45.6	69.0	16 800	56.5	70.9	15 200							34.0
36.0							22.6	60.9	17 200	39.4	66.8	15 700	51.3	69.5	14 100							36.0
38.0										32.3	64.0	14 600	45.7	67.7	13 200							38.0
40.0										23.3	60.2	13 700	39.6	65.5	12 300	51.1	67.7	11 000				40.0
42.0													32.4	62.8	11 500	45.5	65.9	10 300				42.0
44.0													23.5	59.0	10 800	39.2	63.7	9 700				44.0
46.0																32.1	60.9	9 100	44.7	63.6	8 000	46.0
48.0																23.0	57.1	8 500	38.4	61.4	7 500	48.0
50.0																			31.1	58.5	7 100	50.0
52.0																			21.6	54.5	6 700	52.0

Liftcrane Luffing Jib Capacities

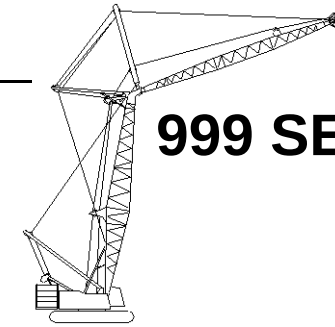
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

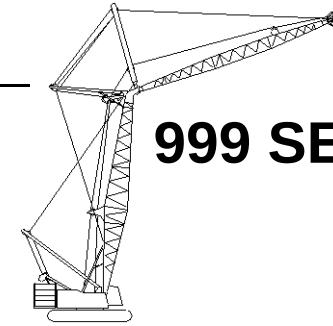
48.8m (160 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	28 400													24.0
26.0	43.6	72.2	24 300 *	54.1	75.5	27 100	59.8	76.7	25 700													26.0
28.0	37.8	69.8	22 300 *	49.4	73.9	24 700	55.3	75.4	23 400													28.0
30.0	31.1	66.9	20 500 *	44.2	72.0	22 700	50.6	73.9	21 500	60.1	75.8	19 500										30.0
32.0	22.8	63.0	18 900 *	38.5	69.8	20 900	45.6	72.1	19 800	55.7	74.6	18 000										32.0
34.0				32.0	66.9	19 400	40.0	70.0	18 400	51.0	73.1	16 700										34.0
36.0				24.0	63.2	18 000	33.8	67.3	17 100	46.0	71.3	15 500	55.8	73.2	13 900							36.0
38.0				11.7	56.9	16 800	26.3	63.9	15 900	40.5	69.2	14 500	51.1	71.8	13 000							38.0
40.0										34.3	66.5	13 500	46.1	70.0	12 100							40.0
42.0										26.9	63.2	12 700	40.6	67.9	11 400	50.8	70.0	10 100				42.0
44.0										16.7	58.2	11 900	34.4	65.3	10 700	45.8	68.2	9 500				44.0
46.0													27.0	61.9	10 100	40.3	66.1	8 900				46.0
48.0													17.0	57.0	9 400	34.1	63.4	8 400	45.1	66.0	7 300	48.0
50.0																26.6	60.0	7 900	39.6	63.8	6 900	50.0
52.0																			33.2	61.1	6 500	52.0
54.0																			25.6	57.5	6 100	54.0
56.0																			14.6	52.0	5 800	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	25 600													26.0
28.0	44.1	74.5	21 600 *	53.7	77.8	24 800	58.9	79.1	23 400													28.0
30.0	38.9	72.2	19 900 *	49.3	76.2	22 700	54.8	77.8	21 500													30.0
32.0	33.1	69.5	18 400 *	44.7	74.3	20 900	50.5	76.2	19 800	59.2	78.2	18 000										32.0
34.0	26.2	66.0	17 100 *	39.6	72.1	19 400	45.9	74.4	18 400	55.1	76.9	16 700										34.0
36.0	16.8	60.9	15 900 *	33.8	69.4	18 000	40.9	72.3	17 100	50.8	75.4	15 500										36.0
38.0				27.1	66.0	16 800	35.4	69.8	16 000	46.2	73.6	14 500										38.0
40.0				18.2	61.2	15 800	29.0	66.6	14 900	41.3	71.5	13 500	50.9	74.1	12 100							40.0
42.0							20.9	62.3	14 000	35.8	69.0	12 700	46.3	72.3	11 400							42.0
44.0										29.5	65.9	11 900	41.4	70.2	10 700							44.0
46.0										21.5	61.7	11 200	35.9	67.7	10 100	46.1	70.5	8 900				46.0
48.0													29.6	64.6	9 500	41.2	68.4	8 400				48.0
50.0													21.7	60.4	8 900	35.7	65.9	7 900				50.0
52.0																29.3	62.8	7 500	40.5	66.1	6 500	52.0
54.0																21.3	58.5	7 000	34.9	63.5	6 100	54.0
56.0																			28.4	60.3	5 800	56.0
58.0																			20.0	55.8	5 500	58.0

Liftcrane Luffing Jib Capacities

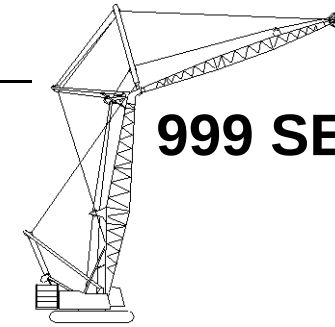
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

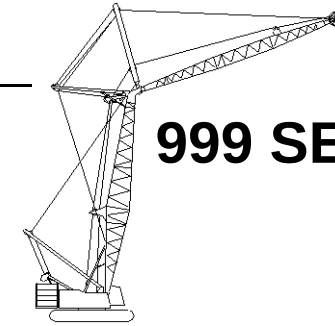
48.8m (160 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.5	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	21 300													30.0
32.0	39.8	74.6	17 300 *	49.3	78.5	19 400 *	54.3	80.1	19 600	62.0	81.7	17 800										32.0
34.0	34.7	72.0	16 300 *	45.0	76.7	18 500 *	50.4	78.5	18 200	58.4	80.5	16 500										34.0
36.0	28.7	68.7	15 200 *	40.4	74.5	17 700 *	46.2	76.8	16 900	54.6	79.2	15 300										36.0
38.0	21.3	64.4	14 300 *	35.3	71.9	16 700	41.6	74.7	15 800	50.6	77.7	14 300										38.0
40.0				29.4	68.8	15 700	36.7	72.2	14 800	46.5	75.9	13 300	54.7	77.9	12 000							40.0
42.0				22.3	64.6	14 700	31.1	69.2	13 900	42.0	73.9	12 500	50.7	76.4	11 200							42.0
44.0				11.4	58.0	13 800	24.3	65.4	13 000	37.1	71.4	11 800	46.6	74.6	10 500							44.0
46.0										31.5	68.5	11 100	42.1	72.6	9 900	50.5	74.6	8 700				46.0
48.0										24.8	64.8	10 500	37.2	70.1	9 300	46.4	72.8	8 200				48.0
50.0										15.8	59.4	9 900	31.6	67.2	8 800	41.9	70.8	7 700				50.0
52.0													25.0	63.5	8 300	36.9	68.3	7 300	45.8	70.6	6 300	52.0
54.0													16.0	58.2	7 800	31.3	65.4	6 900	41.3	68.5	6 000	54.0
56.0																24.6	61.6	6 500	36.2	66.0	5 600	56.0
58.0																			30.6	62.9	5 300	58.0
60.0																			23.7	59.0	5 000	60.0
62.0																			13.9	53.2	4 700	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.7	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	18 100	61.0	84.1	16 400										34.0
36.0	35.9	74.4	14 500 *	45.3	79.0	16 300 *	50.3	80.8	16 800	57.7	82.9	15 200										36.0
38.0	30.6	71.4	13 800 *	41.1	76.8	15 600 *	46.4	79.1	15 700	54.2	81.5	14 100										38.0
40.0	24.4	67.5	13 000 *	36.5	74.3	14 900 *	42.2	77.0	14 700	50.5	80.0	13 300										40.0
42.0	16.0	62.1	12 300 *	31.3	71.4	14 300 *	37.7	74.6	13 800	46.7	78.2	12 400	54.2	80.2	11 100							42.0
44.0				25.2	67.7	13 700 *	32.7	71.8	13 000	42.5	76.2	11 700	50.6	78.7	10 400							44.0
46.0				17.2	62.5	13 000	26.9	68.3	12 200	38.1	73.8	11 000	46.7	76.9	9 800							46.0
48.0							19.6	63.6	11 500	33.1	71.0	10 400	42.6	74.9	9 200	50.4	76.9	8 100				48.0
50.0										27.4	67.6	9 800	38.2	72.5	8 700	46.6	75.1	7 600				50.0
52.0										20.2	63.1	9 200	33.2	69.8	8 200	42.4	73.1	7 200				52.0
54.0													27.5	66.3	7 700	38.0	70.7	6 800	46.1	72.9	5 800	54.0
56.0													20.3	61.8	7 300	33.0	67.9	6 400	41.9	70.8	5 500	56.0
58.0																27.2	64.5	6 100	37.4	68.4	5 200	58.0
60.0																20.0	59.9	5 700	32.3	65.5	4 900	60.0
62.0																			26.4	62.0	4 600	62.0
64.0																			18.9	57.2	4 400	64.0

Liftcrane Luffing Jib Capacities

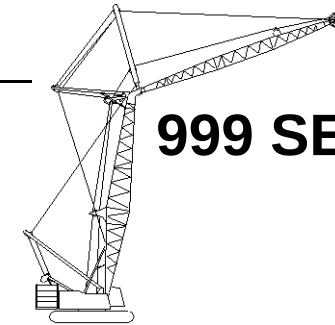
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

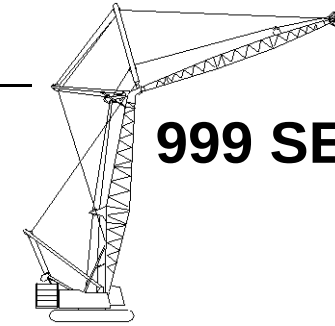
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	15 000										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	14 000										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	13 100										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	12 300										42.0
44.0	20.0	65.8	10 800 *	32.8	73.9	12 100 *	38.6	77.0	12 800	46.8	80.5	11 500	53.9	82.5	10 200							44.0
46.0				27.5	70.5	11 500 *	34.1	74.3	12 100	43.0	78.5	10 800	50.5	81.0	9 600							46.0
48.0				20.9	66.0	11 000 *	29.0	71.0	11 400	38.9	76.2	10 200	46.9	79.2	9 000							48.0
50.0				11.3	59.1	10 700 *	22.8	66.9	10 800	34.4	73.5	9 600	43.1	77.2	8 500	50.3	79.2	7 400				50.0
52.0										29.4	70.3	9 100	39.0	74.9	8 000	46.7	77.4	7 000				52.0
54.0										23.3	66.3	8 600	34.5	72.2	7 600	42.9	75.4	6 600				54.0
56.0										15.1	60.5	8 200	29.5	69.0	7 200	38.8	73.1	6 200				56.0
58.0													23.4	65.0	6 800	34.3	70.4	5 900	42.4	73.1	5 000	58.0
60.0													15.3	59.3	6 400	29.2	67.2	5 600	38.3	70.8	4 700	60.0
62.0																23.1	63.1	5 300	33.7	68.0	4 400	62.0
64.0																14.9	57.3	5 000	28.5	64.7	4 200	64.0
66.0																			22.2	60.5	3 900	66.0
68.0																			13.5	54.3	3 700	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	13 900										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	13 000										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	12 200										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	11 400										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	10 800	53.6	84.8	9 500							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	10 200	50.4	83.3	9 000							48.0
50.0				23.7	69.2	9 300 *	30.7	73.7	9 900 *	39.7	78.6	9 600	47.0	81.5	8 500							50.0
52.0				16.4	63.7	8 900 *	25.3	69.9	9 400 *	35.6	76.0	9 100	43.5	79.5	8 000	50.2	81.5	6 900				52.0
54.0							18.6	64.9	9 000 *	31.0	72.9	8 600	39.7	77.3	7 600	46.9	79.7	6 500				54.0
56.0										25.7	69.2	8 200	35.6	74.7	7 200	43.4	77.8	6 200				56.0
58.0										19.1	64.4	7 700	31.1	71.7	6 800	39.6	75.5	5 800	46.5	77.5	4 900	58.0
60.0													25.8	68.0	6 400	35.5	72.9	5 500	42.9	75.5	4 600	60.0
62.0													19.3	63.2	6 100	30.9	69.8	5 200	39.1	73.2	4 400	62.0
64.0													9.0	55.2	5 800	25.6	66.1	4 900	34.9	70.5	4 100	64.0
66.0																18.9	61.2	4 700	30.2	67.4	3 900	66.0
68.0																			24.8	63.5	3 700	68.0
70.0																			17.9	58.4	3 500	70.0

Liftcrane Luffing Jib Capacities

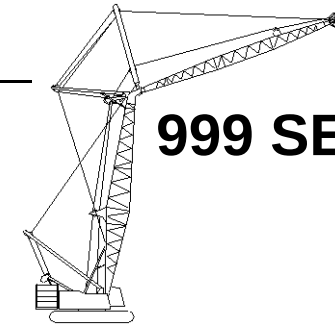
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

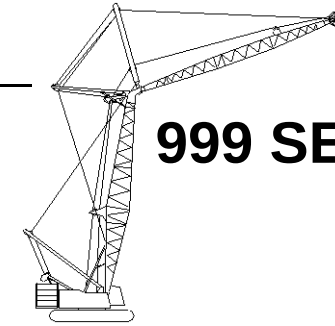
48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	12 000										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	11 300										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	10 600	56.2	88.6	9 400							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	10 000	53.3	87.1	8 800							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	9 500	50.3	85.6	8 300							50.0
52.0				25.9	72.1	7 500 *	32.1	76.3	8 100 *	40.3	80.9	8 900	47.2	83.8	7 800							52.0
54.0				19.9	67.4	7 000 *	27.3	72.7	7 600 *	36.5	78.4	8 500	43.9	81.9	7 400	50.2	83.8	6 400				54.0
56.0				11.1	60.2	6 700 *	21.6	68.3	7 200 *	32.4	75.5	8 000	40.4	79.6	7 000	47.0	82.0	6 000				56.0
58.0										27.7	72.0	7 600	36.6	77.1	6 600	43.7	80.1	5 700				58.0
60.0										22.1	67.7	7 200	32.5	74.2	6 300	40.2	77.9	5 400	46.6	79.8	4 500	60.0
62.0										14.6	61.7	6 800	27.8	70.8	6 000	36.4	75.3	5 100	43.3	77.8	4 200	62.0
64.0													22.2	66.5	5 600	32.3	72.4	4 800	39.7	75.5	3 900	64.0
66.0													14.8	60.5	5 300	27.5	68.9	4 500	35.9	73.0	3 800	66.0
68.0																21.9	64.6	4 300	31.7	70.0	3 500	68.0
70.0																14.4	58.5	4 000	26.9	66.4	3 300	70.0
72.0																			21.1	61.9	3 100	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.6	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	8 700							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	8 200							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	7 700							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	7 300							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	6 900	50.1	86.1	5 900				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	6 500	47.1	84.4	5 600				58.0
60.0							17.8	66.2	5 300 *	29.3	74.7	6 300 *	37.4	79.5	6 200	44.0	82.4	5 200				60.0
62.0										24.4	70.8	5 800 *	33.6	76.7	5 800	40.8	80.2	4 900				62.0
64.0										18.3	65.7	5 300 *	29.4	73.5	5 500	37.3	77.7	4 700	43.6	80.1	3 900	64.0
66.0													24.5	69.5	5 200	33.4	74.9	4 400	40.3	77.9	3 600	66.0
68.0													18.5	64.5	5 000	29.2	71.6	4 200	36.8	75.4	3 400	68.0
70.0													9.2	56.3	4 700	24.2	67.6	4 000	32.9	72.5	3 200	70.0
72.0																18.1	62.5	3 700	28.6	69.1	3 000	72.0
76.0																			17.2	59.7	2 600	76.0

Liftcrane Luffing Jib Capacities

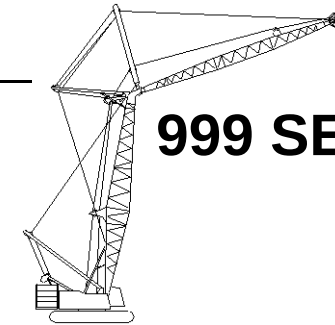
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

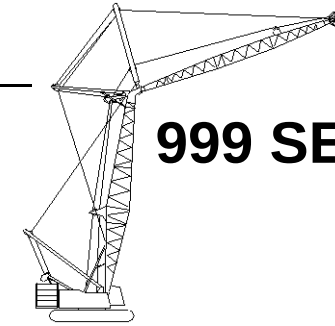
51.8m (170 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	37 700 b																20.0
22.0	32.6	65.7	31 000 *	50.8	70.3	33 500 b	59.6	71.8	31 800 b													22.0
24.0	20.5	61.7	26 300 *	43.5	68.5	30 100	53.1	70.4	28 500 b													24.0
26.0				35.0	66.0	27 200	46.1	68.7	25 800	60.8	71.0	23 400 b										26.0
28.0				24.1	62.5	24 800	38.0	66.5	23 500	54.5	69.7	21 400 b										28.0
30.0							28.2	63.5	21 600	47.5	68.1	19 600										30.0
32.0							12.8	58.1	19 900	39.8	66.0	18 100	55.4	68.5	16 300 b							32.0
34.0										30.4	63.1	16 700	48.6	66.9	15 100 b							34.0
36.0										17.0	58.6	15 500	41.0	64.9	14 000							36.0
38.0													31.9	62.2	13 100							38.0
40.0													19.5	58.0	12 200	41.6	63.3	10 800				40.0
42.0																32.7	60.7	10 100				42.0
44.0																20.7	56.7	9 500	41.5	61.1	8 300	44.0
46.0																			32.6	58.5	7 800	46.0
48.0																			20.6	54.5	7 300	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	37 700 b																20.0
22.0	42.5	70.7	30 300 *	56.4	74.1	33 300 b	63.7	75.2	31 600 b													22.0
24.0	35.0	68.2	27 600 *	50.6	72.6	29 900	58.3	74.1	28 300 b													24.0
26.0	25.6	64.8	25 200 *	44.2	70.8	27 100	52.6	72.7	25 600													26.0
28.0				37.0	68.5	24 700	46.4	71.0	23 400	59.4	73.3	21 200 b										28.0
30.0				28.2	65.3	22 700	39.5	68.9	21 500	53.8	72.0	19 400										30.0
32.0				15.6	60.4	20 900	31.4	66.1	19 800	47.7	70.4	17 900										32.0
34.0							20.7	62.0	18 300	41.0	68.3	16 600	54.6	70.8	14 900							34.0
36.0										33.2	65.7	15 400	48.7	69.2	13 800							36.0
38.0										23.3	62.0	14 400	42.0	67.2	12 900							38.0
40.0													34.4	64.7	12 000	49.1	67.6	10 700				40.0
42.0													24.9	61.2	11 300	42.6	65.6	10 000				42.0
44.0													8.6	54.6	10 500	35.1	63.1	9 300				44.0
46.0																25.8	59.7	8 800	42.5	63.5	7 600	46.0
48.0																			35.0	61.0	7 200	48.0
50.0																			25.7	57.6	6 700	50.0

Liftcrane Luffing Jib Capacities

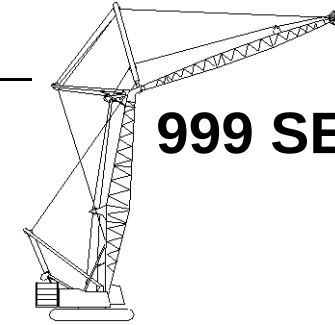
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

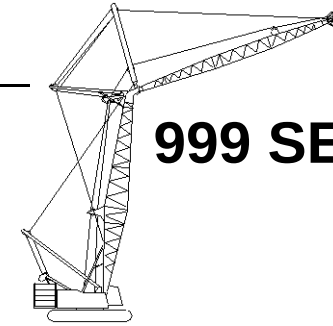
51.8m (170 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	32 700 b																22.0
24.0	43.2	73.0	26 600 *	55.6	76.5	29 900	62.2	77.6	28 200 b													24.0
26.0	36.7	70.6	24 300 *	50.4	74.9	27 000	57.3	76.5	25 600													26.0
28.0	29.0	67.5	22 300 *	44.8	73.1	24 700	52.2	75.1	23 300													28.0
30.0	18.7	63.0	20 200 *	38.5	70.9	22 600	46.7	73.3	21 400	58.3	75.7	19 300										30.0
32.0				31.1	68.0	20 900	40.7	71.3	19 700	53.3	74.3	17 800										32.0
34.0				21.7	64.0	19 300	33.8	68.6	18 300	47.9	72.7	16 500										34.0
36.0							25.3	65.1	17 000	41.9	70.7	15 400	54.0	73.1	13 700							36.0
38.0							12.3	59.2	15 800	35.2	68.2	14 300	48.7	71.5	12 800							38.0
40.0										27.2	64.9	13 400	42.9	69.6	12 000							40.0
42.0										15.7	59.8	12 500	36.3	67.2	11 200	49.1	69.9	9 900				42.0
44.0													28.5	64.0	10 500	43.3	68.0	9 200				44.0
46.0													17.9	59.3	9 800	36.8	65.6	8 700				46.0
48.0																29.2	62.5	8 200				48.0
50.0																18.9	58.0	7 700	43.3	65.8	7 000	50.0
52.0																			36.8	63.4	6 600	
54.0																			29.1	60.3	6 300	52.0
																			18.8	55.8	5 900	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	31 900 *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	28 100													24.0
26.0	43.8	75.3	23 400 *	55.0	78.8	26 900	60.9	80.0	25 400													26.0
28.0	38.1	73.0	21 500 *	50.3	77.2	24 500	56.5	78.8	23 100													28.0
30.0	31.5	70.2	19 800 *	45.2	75.4	22 500	51.9	77.4	21 200													30.0
32.0	23.4	66.3	18 300 *	39.6	73.2	20 800	47.0	75.6	19 600	57.4	78.0	17 600										32.0
34.0				33.3	70.5	19 200	41.6	73.6	18 100	52.9	76.6	16 300										34.0
36.0				25.6	67.0	17 900	35.5	71.1	16 900	48.0	75.0	15 200										36.0
38.0				14.7	61.5	16 700	28.4	67.9	15 700	42.7	73.0	14 200	53.5	75.4	12 600							38.0
40.0							19.1	63.3	14 700	36.8	70.6	13 300	48.7	73.8	11 700							40.0
42.0										30.0	67.6	12 400	43.5	71.9	11 000							42.0
44.0										21.3	63.4	11 600	37.7	69.6	10 400	49.1	72.2	9 000				44.0
46.0													31.1	66.6	9 700	43.9	70.3	8 500				46.0
48.0													22.7	62.7	9 100	38.2	68.0	8 000				48.0
50.0													8.9	55.7	8 600	31.6	65.1	7 500	43.9	68.1	6 500	50.0
52.0																23.5	61.3	7 100	38.1	65.8	6 100	52.0
54.0																			31.6	62.9	5 700	54.0
56.0																			23.4	59.1	5 400	56.0

Liftcrane Luffing Jib Capacities

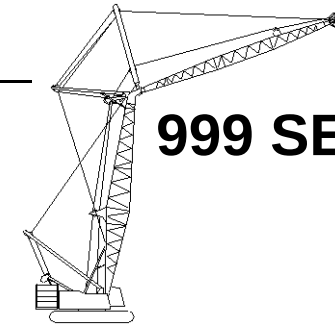
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

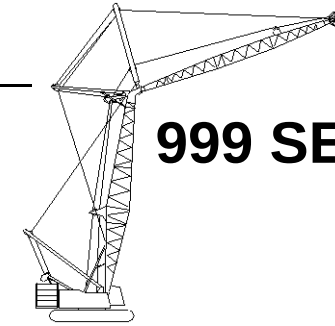
51.8m (170 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	24 200 *	63.8	83.5	25 000													26.0
28.0	44.3	77.7	20 500 *	54.5	81.1	23 200 *	59.9	82.4	23 200													28.0
30.0	39.2	75.4	18 900 *	50.2	79.5	22 200 *	55.9	81.1	21 200													30.0
32.0	33.4	72.7	17 600 *	45.5	77.7	20 800	51.7	79.7	19 500	60.7	81.6	17 600										32.0
34.0	26.6	69.2	16 400 *	40.5	75.6	19 200	47.1	77.9	18 100	56.7	80.4	16 300										34.0
36.0	17.5	64.3	15 400 *	35.0	73.0	17 900	42.3	75.9	16 900	52.5	78.9	15 200										36.0
38.0				28.4	69.8	16 700	36.9	73.5	15 700	48.1	77.3	14 200										38.0
40.0				20.1	65.3	15 600	30.8	70.5	14 700	43.3	75.3	13 200	53.1	77.7	11 700							40.0
42.0							23.3	66.6	13 800	38.0	73.0	12 400	48.7	76.1	11 000							42.0
44.0							11.9	60.3	13 000	32.1	70.1	11 700	44.0	74.2	10 300							44.0
46.0										24.9	66.5	11 000	38.9	71.9	9 700	49.1	74.5	8 500				46.0
48.0										14.9	60.9	10 300	33.0	69.2	9 200	44.4	72.6	8 000				48.0
50.0													26.1	65.7	8 600	39.3	70.4	7 500				50.0
52.0													16.7	60.6	8 200	33.5	67.6	7 100	44.4	70.4	6 000	52.0
54.0																26.7	64.2	6 700	39.2	68.2	5 700	54.0
56.0																17.6	59.3	6 300	33.5	65.5	5 400	56.0
58.0																			26.6	62.0	5 100	58.0
60.0																			17.5	57.1	4 800	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	21 100													30.0
32.0	40.1	77.8	17 000 *	50.1	81.8	19 500 *	55.3	83.5	19 400													32.0
34.0	34.9	75.2	15 800 *	45.8	80.0	18 700 *	51.4	82.0	18 000	59.8	83.9	16 100										34.0
36.0	29.0	72.0	14 800 *	41.3	77.9	17 700	47.3	80.3	16 700	56.1	82.7	15 000										36.0
38.0	21.7	67.7	13 900 *	36.3	75.5	16 600	42.9	78.3	15 600	52.2	81.2	14 000										38.0
40.0				30.6	72.4	15 500	38.0	75.9	14 600	48.2	79.6	13 100	56.6	81.5	11 600							40.0
42.0				23.7	68.5	14 600	32.6	73.1	13 700	43.8	77.6	12 300	52.8	80.1	10 800							42.0
44.0				14.1	62.7	13 700	26.3	69.5	12 900	39.1	75.4	11 500	48.8	78.4	10 100							44.0
46.0							17.9	64.6	12 100	33.8	72.7	10 800	44.5	76.5	9 500							46.0
48.0										27.6	69.3	10 200	39.8	74.3	9 000	49.1	76.8	7 800				48.0
50.0										19.9	64.8	9 600	34.6	71.7	8 500	44.8	74.9	7 300				50.0
52.0													28.6	68.4	8 000	40.2	72.7	6 900				52.0
54.0													21.2	64.1	7 600	35.0	70.1	6 500	44.8	72.7	5 500	54.0
56.0													9.2	56.7	7 200	29.1	66.9	6 200	40.1	70.6	5 200	56.0
58.0																21.8	62.7	5 800	35.0	68.0	4 900	58.0
60.0																			29.1	64.8	4 600	60.0
62.0																			21.7	60.5	4 400	62.0
64.0																			10.4	53.6	4 100	64.0

Liftcrane Luffing Jib Capacities

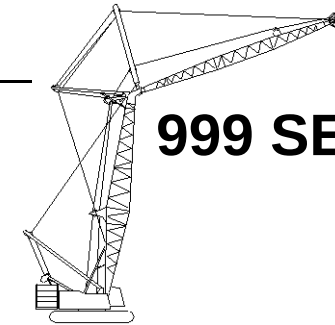
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

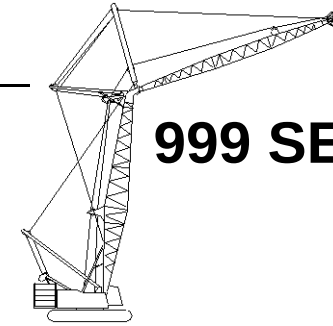
51.8m (170 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	17 900													34.0
36.0	36.2	77.6	14 300 *	46.1	82.4	16 500 *	51.2	84.3	16 600	59.0	86.3	14 900										36.0
38.0	30.9	74.6	13 400 *	41.9	80.3	15 700 *	47.4	82.6	15 500	55.6	85.0	13 800										38.0
40.0	24.8	70.8	12 600 *	37.4	77.9	15 100 *	43.4	80.6	14 500	52.0	83.6	12 900										40.0
42.0	16.6	65.5	12 000 *	32.3	75.0	14 400	39.0	78.3	13 600	48.2	81.9	12 100	56.1	83.8	10 700							42.0
44.0				26.4	71.4	13 600	34.1	75.6	12 800	44.2	80.0	11 400	52.5	82.4	10 000							44.0
46.0				18.9	66.7	12 900	28.6	72.3	12 100	39.9	77.7	10 700	48.8	80.7	9 400							46.0
48.0							21.8	68.1	11 400	35.1	75.1	10 100	44.8	78.8	8 900							48.0
50.0							11.7	61.4	10 800	29.7	72.0	9 600	40.5	76.7	8 400	49.1	79.1	7 200				50.0
52.0										23.3	68.0	9 000	35.9	74.1	7 900	45.1	77.2	6 800				52.0
54.0										14.3	62.1	8 500	30.6	71.1	7 500	40.9	75.1	6 400				54.0
56.0													24.3	67.2	7 100	36.2	72.6	6 100	45.1	75.1	5 100	56.0
58.0													15.9	61.8	6 700	31.0	69.6	5 700	40.8	72.9	4 800	58.0
60.0																24.8	65.8	5 400	36.2	70.4	4 500	60.0
62.0																16.7	60.5	5 100	31.0	67.4	4 200	62.0
64.0																			24.8	63.6	4 000	64.0
66.0																			16.6	58.3	3 700	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	17 500 *													32.0
34.0	45.4	84.6	13 700 *	53.3	88.0	15 600 *	57.7	89.4	16 700 *													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	14 700										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	13 700										38.0
40.0	32.5	77.2	11 900 *	42.5	82.6	13 500 *	47.5	84.9	14 400	55.1	87.3	12 800										40.0
42.0	27.1	73.7	11 300 *	38.3	80.3	12 800 *	43.8	82.9	13 500	51.8	85.9	12 000										42.0
44.0	20.5	69.1	10 800 *	33.7	77.5	12 200 *	39.8	80.7	12 700	48.3	84.2	11 200	55.6	86.1	9 800							44.0
46.0				28.6	74.2	11 700 *	35.4	78.1	11 900	44.6	82.3	10 600	52.3	84.7	9 200							46.0
48.0				22.3	70.0	11 100 *	30.4	75.0	11 300	40.6	80.1	10 000	48.8	83.0	8 700							48.0
50.0				13.6	63.8	10 700 *	24.6	71.1	10 600	36.3	77.6	9 400	45.1	81.2	8 200							50.0
52.0							17.0	65.9	10 100	31.5	74.6	8 900	41.2	79.0	7 700	49.1	81.4	6 600				52.0
54.0										25.8	70.9	8 400	36.9	76.6	7 300	45.4	79.5	6 200				54.0
56.0										18.8	66.1	8 000	32.2	73.7	6 900	41.5	77.4	5 900				56.0
58.0													26.7	70.1	6 600	37.3	75.0	5 600	45.4	77.4	4 600	58.0
60.0													20.0	65.5	6 200	32.6	72.1	5 200	41.5	75.2	4 300	60.0
62.0													9.3	57.8	5 800	27.2	68.6	4 900	37.2	72.8	4 000	62.0
64.0																20.6	64.1	4 700	32.5	69.9	3 800	64.0
66.0																			27.1	66.5	3 600	66.0
68.0																			20.5	61.9	3 400	68.0
70.0																			10.4	54.7	3 100	70.0

Liftcrane Luffing Jib Capacities

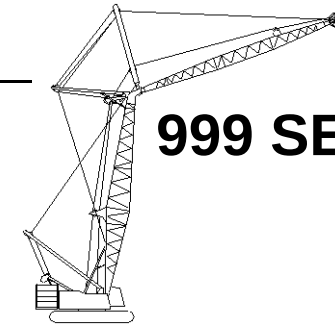
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

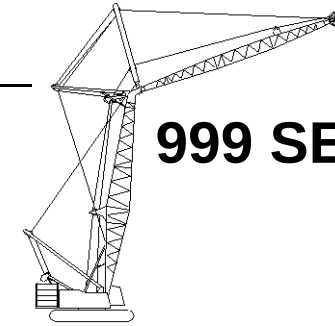
51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	13 600										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	12 700										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	11 900										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	11 200										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	10 500	55.2	88.4	9 200							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	9 900	52.1	87.0	8 600							48.0
50.0				24.9	73.0	9 400 *	31.9	77.5	10 100 *	41.2	82.4	9 400	48.8	85.3	8 100							50.0
52.0				18.0	67.9	8 900 *	26.8	74.0	9 600 *	37.2	80.0	8 800	45.4	83.5	7 700	52.3	85.3	6 500				52.0
54.0							20.6	69.4	9 200 *	32.9	77.1	8 400	41.8	81.4	7 300	49.1	83.7	6 200				54.0
56.0							11.5	62.5	8 800 *	27.9	73.7	8 000	37.8	79.0	6 900	45.7	81.8	5 800				56.0
58.0										22.0	69.4	7 600	33.5	76.2	6 500	42.0	79.7	5 500				58.0
60.0										13.8	63.2	7 100	28.7	72.9	6 200	38.1	77.4	5 200	45.6	79.7	4 300	60.0
62.0													22.9	68.7	5 800	33.9	74.6	4 900	42.0	77.6	4 000	62.0
64.0													15.3	62.9	5 500	29.1	71.4	4 700	38.1	75.2	3 800	64.0
66.0																23.4	67.3	4 400	33.8	72.5	3 600	66.0
68.0																16.0	61.7	4 100	29.0	69.2	3 400	68.0
70.0																			23.4	65.1	3 100	70.0
72.0																			15.9	59.5	3 000	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	74.8	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	12 500										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	11 700										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	11 000										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	10 300	57.6	92.1	9 000							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	9 800	54.8	90.8	8 500							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	9 200	51.9	89.3	8 000							50.0
52.0				26.9	75.9	7 600 *	33.2	80.1	8 200 *	41.7	84.8	8 700	48.8	87.6	7 500							52.0
54.0				21.2	71.4	7 200 *	28.6	76.7	7 800 *	38.1	82.4	8 200	45.6	85.8	7 100							54.0
56.0				13.2	64.9	6 800 *	23.3	72.6	7 300 *	34.1	79.6	7 800	42.2	83.7	6 700	49.1	86.0	5 600				56.0
58.0							16.3	67.1	7 000 *	29.6	76.4	7 400	38.6	81.3	6 300	45.9	84.1	5 300				58.0
60.0										24.4	72.5	7 000	34.7	78.7	6 000	42.5	82.1	5 000				60.0
62.0										17.9	67.3	6 700	30.3	75.5	5 700	38.9	79.8	4 700	45.8	82.0	3 800	62.0
64.0										7.0	58.3	6 300	25.2	71.7	5 400	35.0	77.1	4 500	42.5	79.9	3 600	64.0
66.0													19.0	66.8	5 100	30.6	74.0	4 200	38.9	77.6	3 400	66.0
68.0													9.4	58.9	4 800	25.7	70.3	4 000	34.9	74.9	3 200	68.0
70.0																19.6	65.5	3 800	30.6	71.8	3 000	70.0
72.0																			25.6	68.1	2 800	72.0
76.0																			10.4	55.8	2 400	76.0

Liftcrane Luffing Jib Capacities

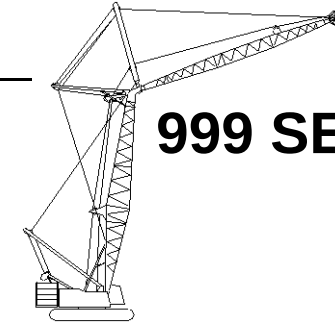
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

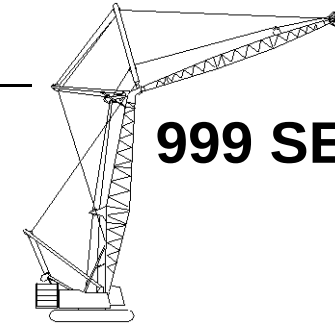
51.8m (170 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	7 800							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	7 400							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	7 000							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	6 600							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	6 200	49.1	88.3	5 200				58.0
60.0							19.6	70.8	5 400 *	31.0	79.0	6 500 *	39.3	83.7	5 900	46.1	86.4	4 900				60.0
62.0							11.3	63.6	4 900 *	26.4	75.4	6 100 *	35.6	81.1	5 600	42.9	84.4	4 600				62.0
64.0										20.9	70.8	5 500 *	31.6	78.1	5 300	39.5	82.1	4 400	46.0	84.3	3 400	64.0
66.0										13.4	64.4	5 100 *	27.1	74.6	5 000	35.9	79.5	4 100	42.9	82.2	3 300	66.0
68.0													21.8	70.2	4 700	32.0	76.6	3 900	39.5	80.0	3 000	68.0
70.0													14.7	64.1	4 500	27.5	73.1	3 700	35.9	77.4	2 900	70.0
72.0																22.3	68.8	3 500	31.9	74.4	2 700	72.0
76.0																			22.2	66.6	2 300	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	37 400 b																20.0
22.0	33.1	68.9	29 900 *	52.1	73.7	33 200 b																22.0
24.0	21.3	65.0	26 300 *	44.9	71.9	29 800	54.9	73.8	28 200 b													24.0
26.0				36.7	69.6	27 000	48.0	72.2	25 500 b													26.0
28.0				26.4	66.3	24 600	40.3	70.2	23 200	57.0	73.2	20 900 b										28.0
30.0							31.1	67.4	21 300	50.4	71.7	19 200 b										30.0
32.0							18.2	63.0	19 600	43.0	69.8	17 700										32.0
34.0										34.4	67.3	16 400	52.2	70.6	14 600 b							34.0
36.0										23.2	63.7	15 200	45.1	68.9	13 500							36.0
38.0													36.9	66.6	12 600							38.0
40.0													26.7	63.4	11 800	46.6	67.4	10 300				40.0
42.0																38.6	65.2	9 700				42.0
44.0																29.0	62.2	9 000				44.0
46.0																			39.6	63.2	7 300	46.0
48.0																			30.1	60.3	6 900	48.0
50.0																			16.6	55.7	6 400	50.0

Liftcrane Luffing Jib Capacities

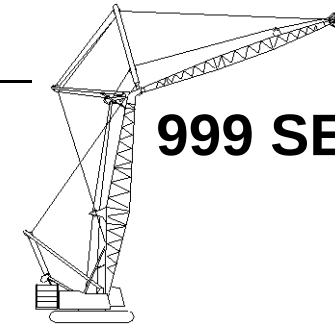
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

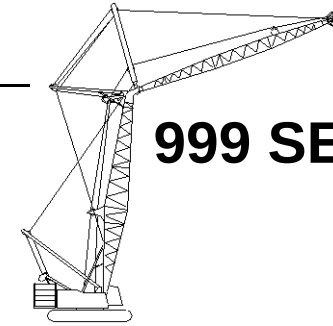
54.9m (180 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	37 300 b																20.0
22.0	42.9	73.9	29 000 *	57.5	77.4	33 000 b																22.0
24.0	35.4	71.4	26 600 *	51.7	76.0	29 700	59.8	77.4	28 000 b													24.0
26.0	26.2	68.0	24 300 *	45.4	74.2	26 900	54.2	76.1	25 300													26.0
28.0				38.4	72.0	24 500	48.1	74.5	23 100													28.0
30.0				30.0	69.0	22 500	41.5	72.5	21 200	56.1	75.5	19 000										30.0
32.0				18.6	64.6	20 700	33.8	69.9	19 500	50.2	74.0	17 500										32.0
34.0							24.0	66.3	18 100	43.8	72.1	16 200										34.0
36.0										36.5	69.8	15 100	51.8	73.0	13 300							36.0
38.0										27.6	66.6	14 100	45.6	71.2	12 400							38.0
40.0													38.6	69.0	11 600							40.0
42.0													30.2	66.1	10 900	46.9	69.7	9 500				42.0
44.0													18.9	61.7	10 200	40.0	67.6	8 900				44.0
46.0																32.0	64.8	8 300				46.0
48.0																21.6	60.9	7 800				48.0
50.0																			40.8	65.6	6 600	50.0
52.0																			33.0	62.9	6 300	52.0
																			23.0	59.1	5 900	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	66.1	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	32 500 b																22.0
24.0	43.6	76.2	25 500 *	56.6	79.7	29 700	63.4	80.9	27 900 b													24.0
26.0	37.1	73.8	23 400 *	51.4	78.3	26 800	58.6	79.8	25 200													26.0
28.0	29.5	70.8	21 600 *	45.8	76.5	24 400	53.6	78.5	23 000													28.0
30.0	19.4	66.4	20 100 *	39.7	74.4	22 400	48.2	76.8	21 100	60.2	79.1	18 900										30.0
32.0				32.6	71.6	20 700	42.3	74.9	19 500	55.3	77.8	17 400										32.0
34.0				23.7	67.9	19 200	35.7	72.4	18 000	50.1	76.3	16 100										34.0
36.0							27.8	69.2	16 800	44.4	74.5	15 000										36.0
38.0							16.7	64.3	15 600	38.0	72.2	14 000	51.5	75.3	12 300							38.0
40.0										30.6	69.2	13 100	46.0	73.5	11 500							40.0
42.0										21.0	65.1	12 300	39.8	71.4	10 800							42.0
44.0													32.8	68.6	10 100	47.1	72.0	8 800				44.0
46.0													24.0	64.9	9 500	41.1	69.9	8 200				46.0
48.0																34.3	67.3	7 700				48.0
50.0																25.9	63.9	7 300	41.8	67.9	6 100	50.0
52.0																			35.1	65.4	5 800	52.0
54.0																			27.0	62.1	5 400	54.0
56.0																			15.4	56.9	5 100	56.0

Liftcrane Luffing Jib Capacities

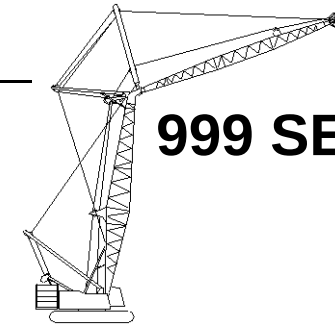
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

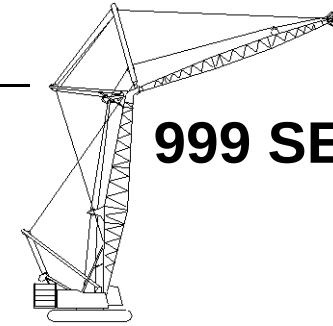
54.9m (180 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	26 600	62.1	83.3	25 000													26.0
28.0	38.4	76.2	20 800 *	51.2	80.6	24 300	57.7	82.1	22 800													28.0
30.0	31.9	73.4	19 300 *	46.2	78.8	22 300	53.2	80.8	21 000													30.0
32.0	23.9	69.6	17 900 *	40.7	76.7	20 600	48.3	79.1	19 300	59.2	81.5	17 200										32.0
34.0				34.5	74.1	19 100	43.0	77.2	17 900	54.7	80.2	15 900										34.0
36.0				27.2	70.8	17 700	37.2	74.8	16 700	49.9	78.6	14 800										36.0
38.0				17.2	65.9	16 600	30.5	71.8	15 500	44.8	76.8	13 800										38.0
40.0							21.9	67.8	14 500	39.2	74.5	12 900	51.3	77.6	11 300							40.0
42.0										32.8	71.8	12 100	46.3	75.8	10 600							42.0
44.0										25.0	68.2	11 400	40.8	73.7	9 900							44.0
46.0													34.7	71.1	9 400	47.3	74.3	8 000				46.0
48.0													27.4	67.8	8 800	42.0	72.3	7 500				48.0
50.0													17.5	63.0	8 300	36.0	69.8	7 100				50.0
52.0																29.0	66.7	6 700	42.6	70.2	5 600	52.0
54.0																19.9	62.2	6 300	36.7	67.8	5 200	54.0
56.0																			29.8	64.8	4 900	56.0
58.0																			21.0	60.6	4 600	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	24 600													26.0
28.0	44.6	80.8	19 700 *	55.3	84.4	23 300 *	61.0	85.7	22 900													28.0
30.0	39.5	78.6	18 400 *	51.0	82.9	22 200	57.0	84.5	20 900													30.0
32.0	33.8	75.9	17 100 *	46.4	81.1	20 600	52.8	83.1	19 300	62.2	84.9	17 200										32.0
34.0	27.0	72.5	16 000 *	41.5	79.0	19 100	48.4	81.4	17 900	58.3	83.8	15 900										34.0
36.0	18.1	67.7	15 100 *	36.0	76.6	17 800	43.6	79.5	16 700	54.2	82.5	14 800										36.0
38.0				29.7	73.5	16 600	38.4	77.2	15 500	49.9	80.9	13 800										38.0
40.0				21.9	69.3	15 500	32.5	74.4	14 600	45.2	79.1	12 900	55.3	81.4	11 300							40.0
42.0							25.5	70.8	13 600	40.2	76.9	12 100	51.1	79.9	10 600							42.0
44.0							15.7	65.5	12 800	34.6	74.3	11 400	46.5	78.1	9 900							44.0
46.0										28.0	71.0	10 700	41.6	76.0	9 400	51.9	78.3	8 000				46.0
48.0										19.5	66.4	10 100	36.2	73.6	8 800	47.5	76.6	7 500				48.0
50.0													29.9	70.5	8 300	42.6	74.6	7 100				50.0
52.0													22.1	66.4	7 800	37.3	72.2	6 700				52.0
54.0																31.2	69.3	6 300	43.2	72.6	5 200	54.0
56.0																23.8	65.4	6 000	37.9	70.2	5 000	56.0
58.0																			31.9	67.4	4 700	58.0
60.0																			24.7	63.7	4 400	60.0
62.0																			14.6	58.1	4 100	62.0

Liftcrane Luffing Jib Capacities

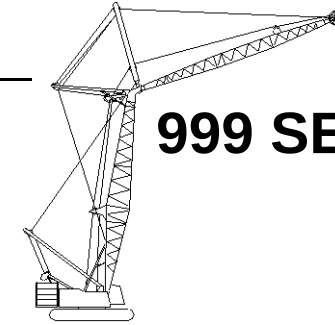
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

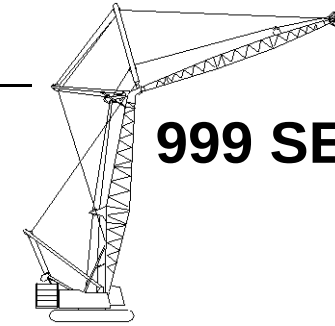
54.9m (180 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	22 500													28.0
30.0	45.0	83.1	17 600 *	54.8	86.7	20 600 *	60.0	88.1	20 800													30.0
32.0	40.3	80.9	16 500 *	50.8	85.2	19 600 *	56.3	86.8	19 100													32.0
34.0	35.2	78.4	15 400 *	46.6	83.4	18 800	52.5	85.4	17 700	61.2	87.3	15 700										34.0
36.0	29.4	75.2	14 400 *	42.2	81.4	17 700	48.4	83.7	16 500	57.6	86.1	14 600										36.0
38.0	22.2	71.1	13 600 *	37.3	79.0	16 500	44.1	81.8	15 400	53.8	84.8	13 600										38.0
40.0				31.7	76.1	15 400	39.4	79.6	14 400	49.8	83.2	12 700										40.0
42.0				25.1	72.4	14 400	34.1	76.9	13 500	45.5	81.4	11 900	54.8	83.7	10 400							42.0
44.0				16.3	67.1	13 600	28.1	73.6	12 700	41.0	79.3	11 200	50.9	82.2	9 800							44.0
46.0							20.4	69.1	12 000	35.9	76.7	10 600	46.7	80.4	9 200							46.0
48.0										30.2	73.7	9 900	42.3	78.4	8 600							48.0
50.0										23.2	69.7	9 400	37.4	76.0	8 100	47.6	78.9	6 900				50.0
52.0													31.9	73.1	7 700	43.2	76.9	6 500				52.0
54.0													25.3	69.4	7 300	38.4	74.6	6 100				54.0
56.0													16.5	64.2	6 900	33.0	71.8	5 800	43.7	74.9	4 700	56.0
58.0																26.7	68.3	5 500	38.9	72.6	4 500	58.0
60.0																18.6	63.6	5 200	33.6	69.9	4 200	60.0
62.0																			27.5	66.5	4 000	62.0
64.0																			19.6	61.9	3 700	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	20 800 *													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	19 000 *													32.0
34.0	41.1	83.3	14 800 *	50.7	87.5	17 400 *	55.8	89.1	17 600 *													34.0
36.0	36.4	80.8	13 900 *	46.8	85.7	16 600 *	52.2	87.7	16 400 *	60.3	89.7	14 500 *										36.0
38.0	31.2	77.8	13 100 *	42.7	83.7	15 900 *	48.5	86.0	15 300 *	56.9	88.5	13 500 *										38.0
40.0	25.1	74.1	12 300 *	38.3	81.4	15 200 *	44.5	84.1	14 300 *	53.4	87.1	12 600 *										40.0
42.0	17.1	68.9	11 700 *	33.3	78.6	14 400 *	40.2	81.9	13 400 *	49.7	85.5	11 800 *										42.0
44.0				27.6	75.2	13 500 *	35.5	79.4	12 600 *	45.8	83.7	11 100 *	54.4	86.0	9 600 *							44.0
46.0				20.5	70.7	12 700 *	30.1	76.3	11 900 *	41.6	81.6	10 400 *	50.8	84.5	9 000 *							46.0
48.0							23.7	72.3	11 200 *	37.1	79.2	9 900 *	46.9	82.7	8 500 *							48.0
50.0							15.0	66.6	10 600 *	32.0	76.3	9 300 *	42.8	80.7	8 000 *							50.0
52.0										26.0	72.6	8 800 *	38.4	78.4	7 600 *	47.7	81.2	6 400 *				52.0
54.0										18.3	67.7	8 300 *	33.4	75.6	7 200 *	43.7	79.2	6 000 *				54.0
56.0													27.7	72.2	6 800 *	39.3	77.0	5 700 *				56.0
58.0													20.7	67.8	6 400 *	34.5	74.3	5 300 *	44.1	77.2	4 300 *	58.0
60.0																29.0	71.1	5 000 *	39.8	75.0	4 100 *	60.0
62.0																22.3	66.9	4 800 *	35.0	72.4	3 800 *	62.0
64.0																12.6	60.5	4 500 *	29.6	69.2	3 600 *	64.0
66.0																			23.1	65.2	3 400 *	66.0
68.0																			14.0	59.2	3 100 *	68.0

Liftcrane Luffing Jib Capacities

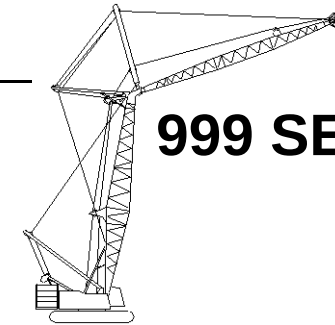
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

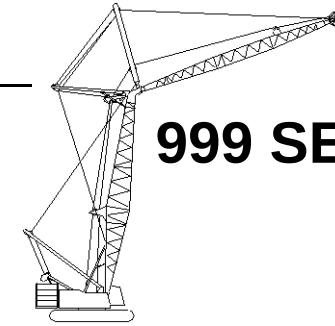
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.9	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	15 100 *	59.6	92.1	13 300										38.0
40.0	32.8	80.4	11 900 *	43.2	86.0	13 600 *	48.5	88.3	14 100 *	56.4	90.8	12 400										40.0
42.0	27.4	76.9	11 200 *	39.1	83.8	13 000 *	44.8	86.4	13 200 *	53.1	89.4	11 600										42.0
44.0	20.9	72.5	10 700 *	34.6	81.1	12 300 *	40.9	84.3	12 500 *	49.7	87.8	10 900										44.0
46.0				29.6	77.9	11 800 *	36.6	81.8	11 700 *	46.1	86.0	10 300	54.0	88.3	8 900							46.0
48.0				23.6	73.9	11 300 *	31.8	78.8	11 100 *	42.2	83.9	9 700	50.6	86.8	8 300							48.0
50.0				15.6	68.3	10 800 *	26.2	75.2	10 500 *	38.0	81.6	9 100	47.1	85.0	7 800							50.0
52.0							19.3	70.5	9 900	33.4	78.8	8 700	43.3	83.0	7 400	51.3	85.2	6 200				52.0
54.0										28.2	75.4	8 200	39.2	80.8	7 000	47.8	83.5	5 800				54.0
56.0										21.8	71.1	7 700	34.7	78.1	6 600	44.1	81.6	5 500				56.0
58.0													29.7	74.9	6 200	40.0	79.3	5 200				58.0
60.0													23.7	70.9	5 900	35.7	76.8	4 900	44.5	79.5	3 900	60.0
62.0													15.8	65.4	5 600	30.8	73.7	4 600	40.5	77.3	3 600	62.0
64.0																25.0	69.9	4 400	36.2	74.8	3 400	64.0
66.0																17.6	64.8	4 100	31.3	71.8	3 200	66.0
68.0																			25.7	68.1	3 000	68.0
70.0																			18.6	63.2	2 800	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	12 400										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	11 600										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	10 900										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	10 300	56.8	92.0	8 800							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	9 700	53.7	90.6	8 300							48.0
50.0				26.0	76.8	9 500 *	33.2	81.4	10 300 *	42.7	86.3	9 100	50.5	89.1	7 800							50.0
52.0				19.5	72.1	9 000 *	28.3	78.0	9 800 *	38.8	83.9	8 600	47.2	87.3	7 400							52.0
54.0							22.4	73.8	9 300 *	34.6	81.3	8 200	43.7	85.4	6 900	51.2	87.5	5 800				54.0
56.0							14.5	67.8	8 900	30.0	78.1	7 700	39.9	83.1	6 500	47.9	85.8	5 400				56.0
58.0										24.5	74.2	7 300	35.8	80.5	6 200	44.4	83.9	5 100				58.0
60.0										17.5	69.0	6 900	31.3	77.5	5 900	40.7	81.7	4 800				60.0
62.0													26.1	73.9	5 600	36.7	79.2	4 600	44.8	81.8	3 600	62.0
64.0													19.6	69.1	5 300	32.2	76.3	4 300	41.1	79.7	3 400	64.0
66.0																27.2	72.8	4 100	37.1	77.2	3 200	66.0
68.0																21.1	68.3	3 800	32.8	74.4	3 000	68.0
70.0																12.3	61.6	3 600	27.8	70.9	2 800	70.0
72.0																			21.8	66.6	2 600	72.0

Liftcrane Luffing Jib Capacities

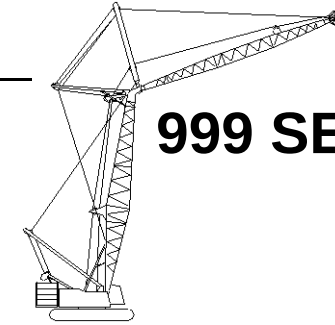
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

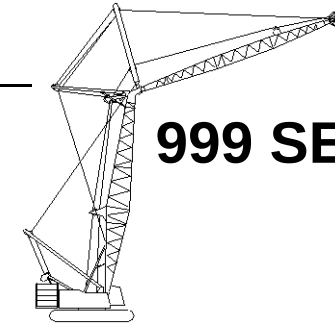
54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.0	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	14 600 *													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	12 200										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	11 400										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	10 700										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	10 100										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	9 500	56.3	94.3	8 100							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	8 900	53.4	92.9	7 600							50.0
52.0				27.9	79.6	7 700 *	34.3	83.9	8 400 *	43.1	88.6	8 400	50.4	91.4	7 200							52.0
54.0				22.3	75.4	7 200 *	29.9	80.7	8 000 *	39.5	86.3	8 000	47.3	89.6	6 800							54.0
56.0				15.0	69.4	6 900 *	24.8	76.8	7 500 *	35.7	83.7	7 600	44.0	87.7	6 400	51.0	89.8	5 200				56.0
58.0							18.4	71.8	7 100 *	31.4	80.7	7 200	40.5	85.5	6 100	47.9	88.1	4 900				58.0
60.0										26.6	77.1	6 800	36.8	83.0	5 700	44.7	86.2	4 600				60.0
62.0										20.7	72.5	6 500	32.6	80.1	5 400	41.2	84.0	4 400				62.0
64.0										12.5	65.8	6 100	28.0	76.7	5 100	37.5	81.6	4 100	45.1	84.1	3 200	64.0
66.0													22.5	72.4	4 800	33.5	78.8	3 900	41.6	82.0	3 000	66.0
68.0													15.2	66.5	4 600	29.0	75.5	3 700	38.0	79.6	2 800	68.0
70.0																23.7	71.5	3 500	34.0	76.9	2 600	70.0
72.0																16.9	66.1	3 300	29.5	73.6	2 400	72.0
76.0																			17.7	64.5	2 100	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	11 300										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	10 600										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	9 900										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	9 400										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	8 800	55.9	96.7	7 500							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	8 300	53.2	95.2	7 000							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	7 900	50.3	93.7	6 600							54.0
56.0				24.6	78.4	5 900 *	31.3	83.3	6 500 *	40.1	88.7	7 500	47.4	91.9	6 300							56.0
58.0				18.6	73.4	5 300 *	26.7	79.7	6 100 *	36.6	86.2	7 100	44.3	90.0	5 900	50.9	92.1	4 800				58.0
60.0							21.3	75.2	5 600 *	32.7	83.3	6 700	41.1	87.8	5 600	48.0	90.4	4 500				60.0
62.0							14.0	68.9	5 100 *	28.3	79.9	6 300	37.6	85.4	5 300	45.0	88.5	4 300				62.0
64.0										23.2	75.7	5 800 *	33.8	82.6	5 000	41.7	86.4	4 000				64.0
66.0										16.8	70.2	5 300 *	29.6	79.4	4 700	38.3	84.0	3 800	45.3	86.5	2 800	66.0
68.0													24.7	75.5	4 500	34.6	81.3	3 600	42.1	84.4	2 600	68.0
70.0													18.7	70.4	4 200	30.5	78.2	3 400	38.7	82.0	2 500	70.0
72.0																25.8	74.4	3 100	35.0	79.3	2 300	72.0
76.0																12.1	62.7	2 800	26.3	72.6	2 000	76.0

Liftcrane Luffing Jib Capacities

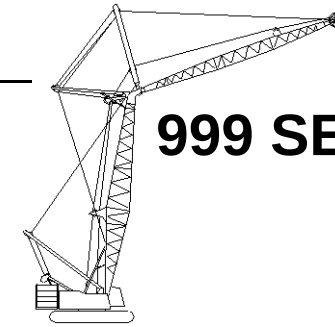
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

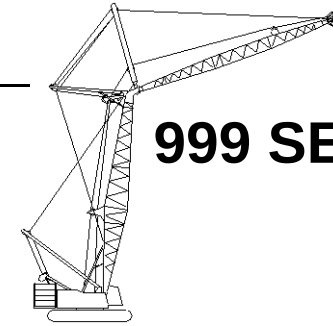
57.9m (190 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	37 300 b																20.0
22.0	33.6	72.1	29 000 *	53.3	77.0	33 000 b																22.0
24.0	22.1	68.3	26 600 *	46.3	75.3	29 700	56.6	77.2	27 900 b													24.0
26.0				38.3	73.1	26 900	49.9	75.7	25 300 b													26.0
28.0				28.6	70.1	24 500	42.4	73.8	23 000	59.5	76.6	20 600 b										28.0
30.0				13.6	64.9	22 400	33.7	71.2	21 100	53.1	75.3	18 900 b										30.0
32.0							22.3	67.5	19 500	46.0	73.6	17 400										32.0
34.0										37.9	71.3	16 100	55.7	74.3	14 200 b							34.0
36.0										28.1	68.3	15 000	48.9	72.7	13 200							36.0
38.0										12.6	62.9	13 900	41.3	70.7	12 300							38.0
40.0													32.4	68.1	11 500	51.2	71.3	9 900 b				40.0
42.0													20.2	64.0	10 700	43.9	69.4	9 300				42.0
44.0																35.5	67.0	8 700				44.0
46.0																24.7	63.6	8 200				46.0
48.0																			45.6	67.5	6 900	48.0
50.0																			37.5	65.3	6 500	50.0
																			27.5	62.1	6 100	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	33 000 b																22.0
24.0	35.8	74.6	25 400 *	52.8	79.3	29 500	61.2	80.7	27 700 b													24.0
26.0	26.8	71.3	23 500 *	46.7	77.6	26 800	55.7	79.5	25 100 b													26.0
28.0				39.8	75.5	24 400	49.8	78.0	22 900													28.0
30.0				31.7	72.7	22 400	43.3	76.1	21 000	58.3	79.0	18 700 b										30.0
32.0				21.2	68.7	20 600	35.9	73.7	19 400	52.6	77.6	17 200										32.0
34.0							26.9	70.4	17 900	46.4	75.9	16 000										34.0
36.0							13.2	64.9	16 600	39.5	73.7	14 800	54.9	76.6	13 000							36.0
38.0										31.3	70.9	13 800	48.9	75.0	12 100							38.0
40.0										20.6	66.8	12 900	42.3	73.1	11 300							40.0
42.0													34.8	70.6	10 600							42.0
44.0													25.4	67.1	9 900	44.5	71.8	8 500				44.0
46.0																37.4	69.5	8 000				46.0
48.0																28.7	66.4	7 500				48.0
50.0																16.5	61.6	7 100	39.1	67.6	5 900	50.0
52.0																			30.9	64.8	5 500	52.0
54.0																			19.9	60.6	5 200	54.0

Liftcrane Luffing Jib Capacities

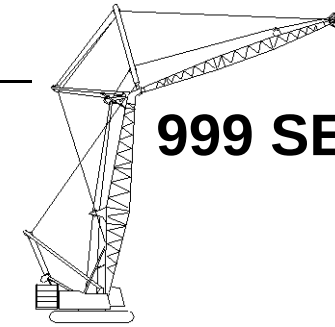
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

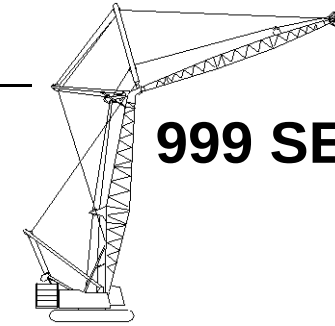
57.9m (190 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	66.3	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	33 200 *b																20.0
22.0	49.6	81.2	26 300 *	62.3	84.2	32 500 b																22.0
24.0	43.9	79.3	24 300 *	57.5	83.0	29 600	64.7	84.2	27 600 b													24.0
26.0	37.5	77.0	22 500 *	52.4	81.6	26 700	59.9	83.1	25 000 b													26.0
28.0	29.9	74.0	20 800 *	46.9	79.9	24 300	55.0	81.8	22 800													28.0
30.0	20.0	69.7	19 400 *	40.9	77.8	22 300	49.7	80.3	20 900													30.0
32.0				34.0	75.2	20 600	44.0	78.4	19 300	57.3	81.3	17 100										32.0
34.0				25.6	71.7	19 100	37.6	76.1	17 900	52.2	79.9	15 900										34.0
36.0				12.9	66.0	17 700	30.1	73.1	16 600	46.7	78.2	14 700										36.0
38.0							20.2	68.8	15 500	40.6	76.1	13 700	54.3	78.9	12 000							38.0
40.0										33.7	73.4	12 900	48.9	77.3	11 200							40.0
42.0										25.2	69.9	12 000	43.1	75.4	10 500							42.0
44.0										12.1	64.0	11 300	36.6	73.0	9 800							44.0
46.0													28.9	69.9	9 300	45.1	74.1	7 900				46.0
48.0													18.4	65.3	8 700	38.8	71.8	7 400				48.0
50.0																31.5	69.0	7 000				50.0
52.0																22.3	65.1	6 500				52.0
54.0																			40.3	70.0	5 400	54.0
56.0																			33.3	67.3	5 100	56.0
																			24.7	63.7	4 800	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	26 500	63.2	86.6	24 800													26.0
28.0	38.8	79.4	20 000 *	52.1	83.9	24 200	58.9	85.5	22 600													28.0
30.0	32.3	76.6	18 500 *	47.1	82.2	22 200	54.4	84.2	20 800													30.0
32.0	24.3	72.9	17 200 *	41.8	80.2	20 500	49.6	82.6	19 100	60.9	84.9	16 900										32.0
34.0				35.7	77.7	19 000	44.5	80.7	17 700	56.5	83.6	15 600										34.0
36.0				28.7	74.5	17 600	38.8	78.5	16 500	51.9	82.2	14 500										36.0
38.0				19.5	70.0	16 500	32.4	75.7	15 400	46.9	80.5	13 600										38.0
40.0							24.5	72.0	14 400	41.5	78.4	12 700	53.7	81.2	11 000							40.0
42.0							12.6	66.0	13 500	35.5	75.9	11 900	48.9	79.6	10 300							42.0
44.0										28.3	72.7	11 200	43.7	77.7	9 700							44.0
46.0										19.0	68.1	10 500	38.0	75.4	9 100	50.5	78.2	7 700				46.0
48.0													31.4	72.5	8 500	45.5	76.4	7 200				48.0
50.0													23.2	68.6	8 000	39.9	74.2	6 800				50.0
52.0																33.6	71.5	6 400	46.6	74.4	5 200	52.0
54.0																26.1	68.0	6 000	41.2	72.4	4 900	54.0
56.0																15.4	62.8	5 600	35.1	69.8	4 600	56.0
58.0																			27.9	66.6	4 300	58.0
60.0																			18.4	61.9	4 000	60.0

Liftcrane Luffing Jib Capacities

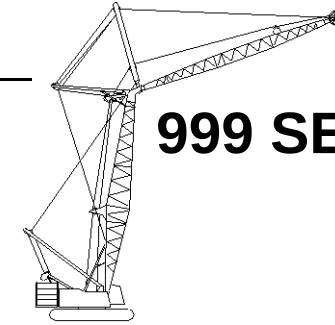
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

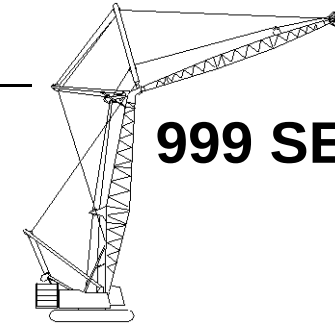
57.9m (190 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	23 300 *	62.0	89.0	22 700													28.0
30.0	39.8	81.8	17 700 *	51.8	86.2	22 200	58.0	87.8	20 700													30.0
32.0	34.1	79.1	16 500 *	47.3	84.5	20 500	53.9	86.5	19 100													32.0
34.0	27.4	75.7	15 500 *	42.5	82.5	19 000	49.6	84.9	17 700	59.9	87.2	15 600										34.0
36.0	18.6	71.0	14 600 *	37.1	80.1	17 700	44.9	83.0	16 500	55.8	86.0	14 500										36.0
38.0				31.0	77.1	16 500	39.8	80.9	15 400	51.6	84.5	13 600										38.0
40.0				23.5	73.2	15 500	34.2	78.2	14 400	47.1	82.8	12 700										40.0
42.0				12.5	67.1	14 500	27.5	74.8	13 500	42.2	80.8	11 900	53.3	83.5	10 300							42.0
44.0							18.8	70.2	12 700	36.9	78.3	11 200	48.9	81.9	9 600							44.0
46.0										30.7	75.3	10 500	44.2	80.0	9 100							46.0
48.0										23.2	71.4	9 900	39.1	77.8	8 500	50.4	80.5	7 200				48.0
50.0										11.8	65.1	9 300	33.3	75.0	8 000	45.8	78.7	6 800				50.0
52.0													26.4	71.6	7 600	40.8	76.6	6 400				52.0
54.0													17.2	66.6	7 200	35.3	74.0	6 000				54.0
56.0																28.8	70.8	5 700	42.0	74.7	4 600	56.0
58.0																20.6	66.5	5 300	36.6	72.2	4 300	58.0
60.0																			30.4	69.2	4 100	60.0
62.0																			22.7	65.2	3 800	62.0
64.0																			10.9	58.6	3 600	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	22 000													28.0
30.0	45.2	86.3	16 900 *	55.5	90.0	20 700 *	61.0	91.4	20 600													30.0
32.0	40.6	84.1	15 800 *	51.6	88.5	19 800 *	57.3	90.2	19 000													32.0
34.0	35.5	81.6	14 800 *	47.4	86.8	18 800	53.5	88.8	17 500													34.0
36.0	29.7	78.4	14 000 *	43.0	84.8	17 500	49.5	87.2	16 300	59.0	89.6	14 300										36.0
38.0	22.6	74.4	13 100 *	38.2	82.5	16 400	45.3	85.4	15 200	55.3	88.3	13 400										38.0
40.0				32.8	79.7	15 300	40.7	83.2	14 200	51.4	86.8	12 500										40.0
42.0				26.5	76.2	14 400	35.6	80.7	13 400	47.3	85.1	11 700										42.0
44.0				18.2	71.3	13 500	29.8	77.5	12 600	42.8	83.1	11 000	53.0	85.8	9 400							44.0
46.0							22.7	73.5	11 800	38.0	80.7	10 300	48.9	84.2	8 900							46.0
48.0							12.2	67.1	11 200	32.6	77.9	9 800	44.6	82.3	8 400							48.0
50.0										26.2	74.4	9 200	40.0	80.1	7 900	50.3	82.8	6 600				50.0
52.0										17.8	69.4	8 700	34.8	77.5	7 400	46.1	81.0	6 200				52.0
54.0													28.9	74.3	7 000	41.5	78.9	5 800				54.0
56.0													21.5	70.1	6 600	36.6	76.4	5 500				56.0
58.0																30.9	73.4	5 200	42.6	77.0	4 100	58.0
60.0																24.1	69.6	4 900	37.7	74.7	3 900	60.0
62.0																14.7	63.9	4 600	32.3	71.8	3 600	62.0
64.0																			25.8	68.2	3 400	64.0
66.0																			17.3	63.1	3 200	66.0

Liftcrane Luffing Jib Capacities

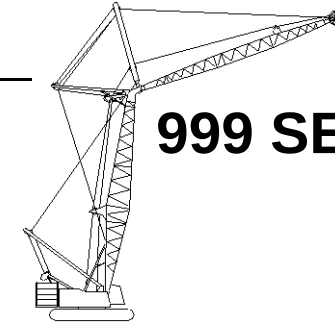
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

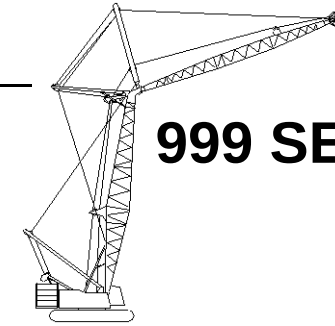
57.9m (190 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	19 000 *	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	18 800													32.0
34.0	41.3	86.5	14 300 *	51.4	90.8	17 500 *	56.7	92.5	17 400													34.0
36.0	36.7	84.0	13 400 *	47.6	89.1	16 700 *	53.2	91.1	16 200													36.0
38.0	31.5	81.0	12 600 *	43.5	87.1	16 000 *	49.5	89.5	15 100	58.3	91.9	13 200										38.0
40.0	25.5	77.4	11 900 *	39.1	84.9	15 300	45.6	87.7	14 200	54.8	90.6	12 400										40.0
42.0	17.6	72.3	11 400 *	34.3	82.2	14 300	41.4	85.6	13 300	51.2	89.1	11 600										42.0
44.0				28.8	78.9	13 500	36.8	83.1	12 500	47.4	87.4	10 900										44.0
46.0				22.0	74.7	12 700	31.6	80.1	11 800	43.3	85.4	10 300	52.7	88.2	8 800							46.0
48.0				12.1	68.2	12 000	25.6	76.5	11 100	38.9	83.1	9 700	48.9	86.5	8 200							48.0
50.0							17.7	71.4	10 500	34.1	80.4	9 100	45.0	84.7	7 800							50.0
52.0										28.5	77.1	8 600	40.7	82.5	7 300	50.2	85.1	6 000				52.0
54.0										21.7	72.8	8 200	36.1	80.0	6 900	46.3	83.3	5 700				54.0
56.0										11.5	66.1	7 700	30.8	77.0	6 600	42.1	81.2	5 400				56.0
58.0													24.6	73.1	6 200	37.6	78.9	5 100	47.2	81.3	4 000	58.0
60.0													16.3	67.8	5 800	32.6	76.0	4 800	43.1	79.4	3 700	60.0
62.0																26.8	72.5	4 500	38.7	77.0	3 500	62.0
64.0																19.4	67.8	4 300	33.8	74.3	3 300	64.0
66.0																			28.2	71.0	3 100	66.0
68.0																			21.3	66.6	2 900	68.0
70.0																			10.8	59.7	2 700	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.0	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	18 100 *																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	16 100 *													36.0
38.0	37.7	86.4	12 200 *	47.7	91.4	14 400 *	52.9	93.4	15 000 *	60.8	95.5	13 100 *										38.0
40.0	33.0	83.6	11 500 *	43.9	89.5	13 800 *	49.4	91.8	14 000 *	57.7	94.3	12 200 *										40.0
42.0	27.7	80.2	10 900 *	39.9	87.2	13 100 *	45.8	90.0	13 100 *	54.4	92.9	11 400 *										42.0
44.0	21.3	75.8	10 300 *	35.5	84.6	12 500 *	41.9	87.9	12 300 *	51.1	91.4	10 700 *										44.0
46.0				30.6	81.6	11 900 *	37.7	85.5	11 600 *	47.5	89.7	10 100 *	55.7	91.9	8 500 *							46.0
48.0				24.8	77.8	11 400 *	33.1	82.7	11 000 *	43.7	87.7	9 500 *	52.4	90.5	8 000 *							48.0
50.0				17.3	72.6	11 000 *	27.8	79.3	10 400 *	39.7	85.5	9 000 *	48.9	88.8	7 600 *							50.0
52.0							21.3	74.9	9 800 *	35.3	82.9	8 500 *	45.3	87.0	7 100 *							52.0
54.0							12.0	68.2	9 300 *	30.3	79.8	8 000 *	41.4	84.8	6 700 *	50.1	87.4	5 500 *				54.0
56.0										24.5	75.9	7 600 *	37.1	82.4	6 400 *	46.5	85.6	5 200 *				56.0
58.0										16.9	70.6	7 200 *	32.4	79.5	6 000 *	42.7	83.6	4 900 *				58.0
60.0													27.0	76.0	5 700 *	38.5	81.2	4 600 *				60.0
62.0													20.3	71.4	5 400 *	34.0	78.5	4 300 *	43.6	81.7	3 300 *	62.0
64.0													10.0	64.0	5 100 *	28.8	75.2	4 100 *	39.5	79.4	3 100 *	64.0
66.0																22.7	71.1	3 800 *	35.1	76.8	2 900 *	66.0
68.0																14.1	65.1	3 600 *	30.1	73.7	2 700 *	68.0
70.0																			24.2	69.8	2 500 *	70.0
72.0																			16.4	64.4	2 400 *	72.0

Liftcrane Luffing Jib Capacities

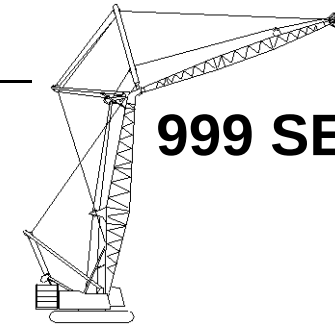
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

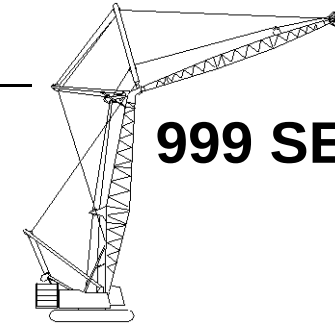
57.9m (190 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.1	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	12 100										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	11 400										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	10 700										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	10 000										46.0
48.0	16.8	73.5	8 800 *	32.1	84.1	10 100 *	38.6	87.9	10 900	47.6	92.0	9 400	55.3	94.2	8 000							48.0
50.0				27.0	80.6	9 600 *	34.4	85.2	10 300	44.1	90.0	8 900	52.2	92.8	7 500							50.0
52.0				20.8	76.1	9 200 *	29.6	82.0	9 800	40.4	87.8	8 400	49.0	91.1	7 100							52.0
54.0				11.9	69.3	8 800 *	24.1	78.0	9 300	36.3	85.3	8 000	45.5	89.3	6 700							54.0
56.0							16.9	72.7	8 800	31.9	82.4	7 600	41.9	87.2	6 300	50.0	89.7	5 100				56.0
58.0										26.8	78.8	7 100	38.0	84.8	6 000	46.7	87.9	4 800				58.0
60.0										20.5	74.2	6 800	33.7	82.0	5 700	43.1	85.9	4 500				60.0
62.0										11.4	67.2	6 400	28.9	78.7	5 400	39.3	83.6	4 300				62.0
64.0													23.2	74.7	5 100	35.2	81.0	4 000	43.9	84.0	3 000	64.0
66.0													15.7	69.0	4 800	30.5	77.9	3 800	40.2	81.8	2 900	66.0
68.0																25.2	74.1	3 600	36.1	79.2	2 700	68.0
70.0																18.4	69.1	3 400	31.6	76.3	2 500	70.0
72.0																			26.5	72.7	2 300	72.0
76.0																			10.7	60.8	2 000	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.1	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 *																			26.0
28.0	60.8	102.9	13 300 *																			28.0
30.0	58.1	101.7	12 600 *																			30.0
32.0	55.3	100.4	11 900 *																			32.0
34.0	52.4	98.9	11 200 *																			34.0
36.0	49.3	97.3	10 600 *																			36.0
38.0	46.2	95.5	10 000 *																			38.0
40.0	42.8	93.5	9 400 *																			40.0
42.0	39.2	91.2	8 900 *																			42.0
44.0	35.4	88.5	8 300 *																			44.0
46.0	31.1	85.5	7 900 *																			46.0
48.0	26.2	81.8	7 400 *																			48.0
50.0	20.2	77.1	7 000 *																			50.0
52.0																						52.0
54.0																						54.0
56.0																						56.0
58.0																						58.0
60.0																						60.0
62.0																						62.0
64.0																						64.0
66.0																						66.0
68.0																						68.0
70.0																						70.0
72.0																						72.0
76.0																						76.0

Liftcrane Luffing Jib Capacities

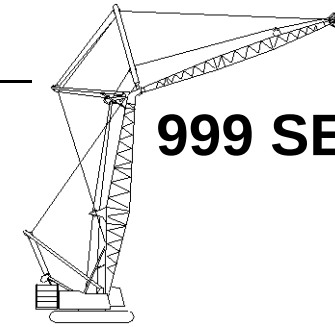
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

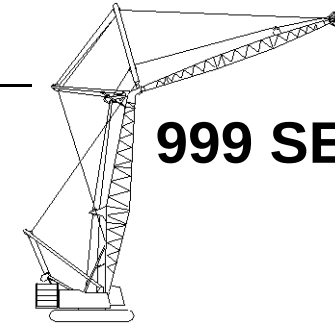
57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	11 100										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	10 400										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	9 700										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	9 100										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	8 600										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	8 200	54.6	98.9	6 800							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	7 700	51.8	97.4	6 400							54.0
56.0				25.6	82.2	6 000 *	32.4	87.1	6 700 *	41.5	92.5	7 300	49.0	95.7	6 000							56.0
58.0				19.8	77.5	5 500 *	28.0	83.7	6 200 *	38.0	90.1	6 900	46.0	93.9	5 700	52.7	95.9	4 500				58.0
60.0				11.7	70.4	5 000 *	22.9	79.5	5 700 *	34.3	87.4	6 500	42.8	91.8	5 300	49.9	94.3	4 200				60.0
62.0							16.3	73.9	5 200 *	30.1	84.2	6 200	39.4	89.6	5 100	46.9	92.5	4 000				62.0
64.0							3.0	62.1	4 800 *	25.4	80.4	5 900	35.8	87.0	4 800	43.8	90.5	3 800				64.0
66.0										19.6	75.6	5 600	31.8	84.0	4 500	40.5	88.3	3 500				66.0
68.0										11.2	68.3	5 000 *	27.3	80.4	4 300	37.0	85.8	3 300	44.5	88.6	2 400	68.0
70.0													22.1	76.1	4 000	33.2	83.0	3 100	41.3	86.5	2 200	70.0
72.0													15.1	70.2	3 800	28.9	79.7	2 900	37.8	84.0	2 000	72.0
76.0																17.6	70.4	2 600				76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	25 000 *																24.0
26.0	44.7	84.8	20 300 *	57.5	88.6	24 600 *	64.3	89.8	24 600 b													26.0
28.0	39.1	82.6	18 900 *	52.9	87.2	24 000	60.1	88.8	22 400													28.0
30.0	32.7	79.8	17 700 *	48.1	85.6	22 100	55.6	87.5	20 500													30.0
32.0	24.8	76.2	16 600 *	42.8	83.6	20 400	50.9	86.0	19 000	62.6	88.2	16 600										32.0
34.0				36.9	81.2	18 800	45.9	84.3	17 500	58.3	87.1	15 400										34.0
36.0				30.1	78.2	17 500	40.4	82.1	16 300	53.7	85.7	14 300										36.0
38.0				21.5	74.0	16 400	34.2	79.5	15 200	48.9	84.1	13 300										38.0
40.0							26.8	76.1	14 200	43.7	82.2	12 400	56.1	84.8	10 700							40.0
42.0							16.6	71.1	13 400	37.9	79.9	11 700	51.5	83.4	10 000							42.0
44.0										31.3	77.0	11 000	46.5	81.6	9 400							44.0
46.0										23.1	73.1	10 300	41.1	79.5	8 800							46.0
48.0													35.0	77.0	8 300	48.8	80.3	6 900				48.0
50.0													27.7	73.7	7 800	43.5	78.4	6 500				50.0
52.0													18.0	68.9	7 300	37.8	76.1	6 100				52.0
54.0																31.1	73.2	5 700	45.4	76.6	4 600	54.0
56.0																22.8	69.2	5 400	39.8	74.4	4 300	56.0
58.0																			33.6	71.8	4 000	58.0
60.0																			26.0	68.3	3 800	60.0
62.0																			15.3	62.9	3 500	62.0

Liftcrane Luffing Jib Capacities

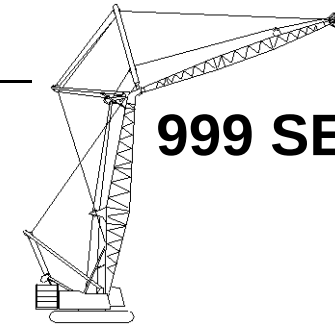
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

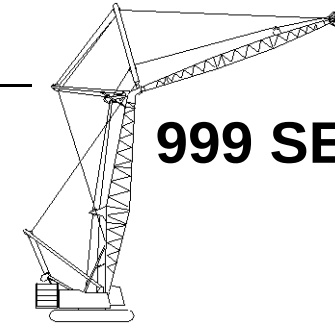
61.0m (200 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	23 300 *	66.8	93.2	23 600 b													26.0
28.0	45.1	87.1	18 200 *	56.8	90.9	23 000 *	63.0	92.3	22 500													28.0
30.0	40.1	84.9	17 000 *	52.6	89.5	22 100	59.1	91.1	20 500													30.0
32.0	34.4	82.3	16 000 *	48.2	87.9	20 300	55.0	89.8	18 900													32.0
34.0	27.8	79.0	15 000 *	43.4	85.9	18 800	50.7	88.3	17 600	61.4	90.6	15 400										34.0
36.0	19.2	74.4	14 200 *	38.2	83.6	17 500	46.2	86.6	16 300	57.5	89.4	14 300										36.0
38.0				32.2	80.8	16 400	41.2	84.5	15 200	53.3	88.0	13 300										38.0
40.0				25.1	77.1	15 300	35.7	82.0	14 200	48.9	86.4	12 400										40.0
42.0				15.1	71.6	14 400	29.4	78.8	13 400	44.2	84.5	11 700	55.5	87.1	10 000							42.0
44.0							21.4	74.6	12 600	39.1	82.3	11 000	51.3	85.7	9 300							44.0
46.0										33.3	79.6	10 300	46.7	83.9	8 800							46.0
48.0										26.4	76.1	9 700	41.8	81.9	8 300							48.0
50.0										17.2	71.1	9 200	36.4	79.4	7 800	48.8	82.6	6 500				50.0
52.0													30.2	76.4	7 400	44.1	80.7	6 100				52.0
54.0													22.5	72.3	7 000	38.9	78.5	5 700				54.0
56.0													10.4	65.5	6 600	33.1	75.7	5 400				56.0
58.0																26.2	72.2	5 100	40.7	76.8	4 000	58.0
60.0																16.8	67.1	4 800	35.2	74.2	3 800	60.0
62.0																			28.7	71.0	3 500	62.0
64.0																			20.5	66.7	3 300	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	22 100 *																24.0
26.0	53.7	92.8	18 500 *	63.4	95.6	21 800 *																26.0
28.0	49.7	91.2	17 400 *	59.9	94.5	21 500 *	65.4	95.6	21 600													28.0
30.0	45.4	89.4	16 300 *	56.2	93.3	20 700 *	61.9	94.6	20 400													30.0
32.0	40.9	87.3	15 300 *	52.3	91.8	19 900 *	58.3	93.5	18 800													32.0
34.0	35.8	84.8	14 400 *	48.2	90.2	18 700	54.5	92.2	17 400													34.0
36.0	30.0	81.7	13 500 *	43.9	88.2	17 400	50.6	90.6	16 100	60.5	93.0	14 100										36.0
38.0	23.0	77.7	12 800 *	39.1	86.0	16 200	46.4	88.9	15 100	56.8	91.8	13 100										38.0
40.0				33.9	83.3	15 200	41.9	86.8	14 100	53.0	90.4	12 300										40.0
42.0				27.8	79.9	14 300	37.0	84.4	13 200	48.9	88.7	11 500										42.0
44.0				20.0	75.4	13 400	31.4	81.4	12 500	44.6	86.9	10 800	55.0	89.5	9 200							44.0
46.0							24.8	77.7	11 700	40.0	84.7	10 200	51.1	88.0	8 600							46.0
48.0							15.7	72.3	11 000	34.8	82.0	9 600	46.9	86.2	8 100							48.0
50.0										28.9	78.8	9 000	42.5	84.2	7 600							50.0
52.0										21.5	74.6	8 500	37.6	81.8	7 200	48.8	84.9	5 900				52.0
54.0													32.1	78.9	6 800	44.5	83.1	5 500				54.0
56.0													25.6	75.3	6 400	39.8	80.8	5 200				56.0
58.0													17.0	70.2	6 100	34.6	78.2	4 900	46.0	81.2	3 800	58.0
60.0																28.7	75.0	4 600	41.5	79.1	3 600	60.0
62.0																21.2	70.7	4 400	36.5	76.7	3 300	62.0
64.0																9.3	63.4	4 100	30.8	73.7	3 100	64.0
66.0																			24.0	69.8	2 900	66.0
68.0																			14.6	64.1	2 700	68.0

Liftcrane Luffing Jib Capacities

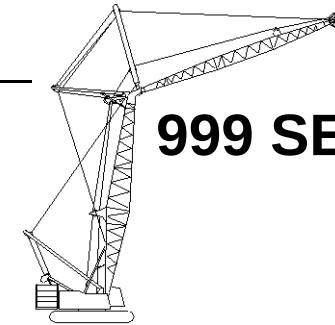
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

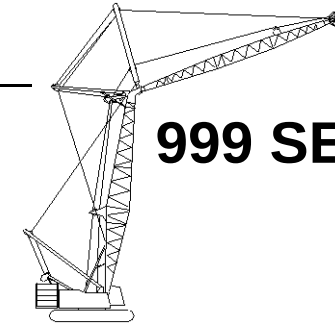
61.0m (200 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	19 900													30.0
32.0	45.7	91.7	14 700 *	55.6	95.6	18 300 *	61.0	97.0	18 600													32.0
34.0	41.5	89.6	13 800 *	52.1	94.1	17 500 *	57.6	95.8	17 200													34.0
36.0	37.0	87.2	13 000 *	48.3	92.5	16 800 *	54.1	94.5	16 000													36.0
38.0	31.8	84.3	12 300 *	44.3	90.5	16 100 *	50.5	92.9	15 000	59.6	95.3	13 000										38.0
40.0	25.8	80.6	11 600 *	40.0	88.3	15 100	46.6	91.2	14 000	56.2	94.1	12 100										40.0
42.0	18.1	75.7	11 100 *	35.2	85.7	14 200	42.5	89.1	13 100	52.7	92.7	11 400										42.0
44.0				29.9	82.6	13 400	38.0	86.8	12 400	48.9	91.0	10 700										44.0
46.0				23.4	78.6	12 600	33.0	84.0	11 600	45.0	89.2	10 000	54.5	91.8	8 400							46.0
48.0				14.5	72.8	11 900	27.3	80.5	11 000	40.7	87.0	9 400	50.9	90.3	8 000							48.0
50.0							20.1	76.0	10 400	36.1	84.5	8 900	47.1	88.5	7 500							50.0
52.0										30.8	81.5	8 400	43.0	86.5	7 100	52.6	88.9	5 800				52.0
54.0										24.6	77.6	8 000	38.6	84.2	6 700	48.8	87.2	5 400				54.0
56.0										16.3	72.3	7 600	33.7	81.5	6 300	44.9	85.4	5 100				56.0
58.0													28.0	78.1	6 000	40.6	83.2	4 800				58.0
60.0													21.0	73.7	5 700	35.9	80.7	4 500	46.2	83.5	3 400	60.0
62.0													10.3	66.6	5 300	30.6	77.6	4 300	42.1	81.5	3 200	62.0
64.0																24.4	73.8	4 000	37.6	79.1	3 000	64.0
66.0																16.0	68.3	3 800	32.5	76.2	2 800	66.0
68.0																			26.7	72.7	2 600	68.0
70.0																			19.3	68.0	2 500	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	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	17 000 *													34.0
36.0	42.1	92.0	12 500 *	51.8	96.4	15 200 *	57.0	98.2	15 900 *													36.0
38.0	37.9	89.6	11 800 *	48.3	94.8	14 500 *	53.8	96.8	14 800 *													38.0
40.0	33.3	86.8	11 200 *	44.6	92.9	13 800 *	50.4	95.2	13 800 *	58.9	97.7	11 900 *										40.0
42.0	28.0	83.4	10 600 *	40.7	90.7	13 200 *	46.8	93.5	13 000 *	55.7	96.4	11 200 *										42.0
44.0	21.6	79.1	10 100 *	36.4	88.2	12 600 *	43.0	91.5	12 200 *	52.4	95.0	10 500 *										44.0
46.0				31.5	85.2	12 000 *	38.9	89.2	11 500 *	48.9	93.3	9 800 *	57.4	95.5	8 300 *							46.0
48.0				26.0	81.6	11 500 *	34.4	86.5	10 800 *	45.3	91.5	9 300 *	54.2	94.1	7 700 *							48.0
50.0				18.9	76.7	11 000 *	29.3	83.3	10 200 *	41.3	89.4	8 800 *	50.8	92.6	7 300 *							50.0
52.0							23.2	79.2	9 700 *	37.1	86.9	8 300 *	47.2	90.8	6 900 *							52.0
54.0							15.0	73.4	9 200 *	32.4	84.0	7 800 *	43.4	88.9	6 500 *							54.0
56.0										27.0	80.5	7 400 *	39.4	86.6	6 100 *	48.8	89.5	4 900 *				56.0
58.0										20.2	75.9	7 000 *	34.9	83.9	5 800 *	45.2	87.7	4 600 *				58.0
60.0													29.9	80.8	5 500 *	41.2	85.5	4 300 *				60.0
62.0													24.0	76.9	5 200 *	37.0	83.1	4 100 *				62.0
64.0													16.2	71.4	4 900 *	32.2	80.2	3 900 *	42.6	83.8	2 800 *	64.0
66.0																26.8	76.7	3 600 *	38.5	81.5	2 600 *	66.0
68.0																20.0	72.0	3 400 *	33.9	78.7	2 500 *	68.0
70.0																9.5	64.4	3 200 *	28.8	75.5	2 300 *	70.0
72.0																			22.6	71.3	2 100 *	72.0

Liftcrane Luffing Jib Capacities

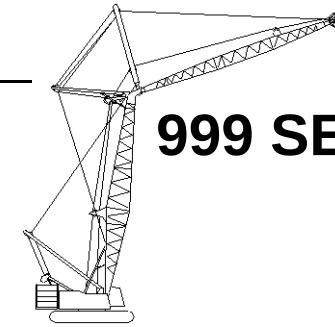
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

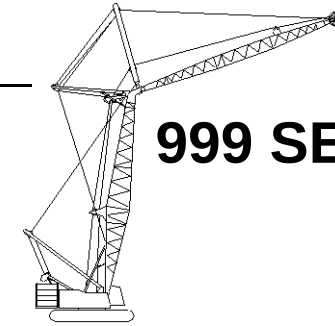
61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	11 900										40.0
42.0	34.5	89.3	10 200 *	44.9	95.2	12 000 *	50.3	97.5	12 900 *	58.3	100.1	11 100										42.0
44.0	29.8	86.1	9 700 *	41.3	93.0	11 300 *	46.9	95.8	12 100	55.3	98.7	10 400										44.0
46.0	24.3	82.2	9 200 *	37.3	90.6	10 800 *	43.4	93.8	11 500	52.2	97.3	9 800										46.0
48.0	17.3	76.9	8 800 *	32.9	87.7	10 200 *	39.6	91.5	10 800	48.9	95.6	9 300	56.9	97.8	7 700							48.0
50.0				28.0	84.3	9 700 *	35.5	88.9	10 200	45.5	93.8	8 700	53.8	96.4	7 300							50.0
52.0				22.1	80.1	9 300 *	30.9	85.9	9 700	41.9	91.7	8 300	50.7	94.9	6 900							52.0
54.0				14.0	73.9	8 900 *	25.6	82.2	9 200	38.0	89.3	7 800	47.3	93.1	6 400							54.0
56.0							19.1	77.3	8 700	33.7	86.5	7 400	43.8	91.2	6 100							56.0
58.0										28.9	83.2	7 000	40.1	88.9	5 700	48.8	91.8	4 600				58.0
60.0										23.2	79.1	6 700	36.0	86.4	5 400	45.4	90.0	4 300				60.0
62.0										15.6	73.5	6 300	31.5	83.4	5 100	41.8	87.9	4 000				62.0
64.0													26.3	79.8	4 900	37.9	85.5	3 800	46.6	88.1	2 800	64.0
66.0													19.9	75.1	4 600	33.6	82.7	3 600	43.1	86.1	2 600	66.0
68.0													10.3	67.7	4 400	28.7	79.4	3 400	39.3	83.8	2 400	68.0
70.0																23.0	75.3	3 200	35.1	81.2	2 200	70.0
72.0																15.3	69.5	3 000	30.5	78.1	2 100	72.0
76.0																			18.3	69.3	1 800	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	75.2	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	10 900										42.0
44.0	35.6	91.7	8 400 *	45.2	97.5	10 000 *	50.2	99.8	11 000 *	57.7	102.4	10 300										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	9 600										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	9 100										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	8 600										50.0
52.0				29.7	87.0	7 900 *	36.5	91.4	8 800 *	45.7	96.1	8 100	53.5	98.7	6 700							52.0
54.0				24.5	83.1	7 500 *	32.3	88.4	8 300 *	42.4	94.0	7 600	50.6	97.2	6 300							54.0
56.0				18.1	78.0	7 100 *	27.6	85.0	7 800 *	38.7	91.7	7 200	47.4	95.4	5 900							56.0
58.0							22.0	80.6	7 400 *	34.8	89.0	6 800	44.2	93.5	5 600	51.9	95.8	4 300				58.0
60.0							14.5	74.6	7 000 *	30.5	85.9	6 500	40.7	91.3	5 300	48.8	94.1	4 100				60.0
62.0										25.4	82.1	6 100	36.9	88.8	5 000	45.6	92.3	3 900				62.0
64.0										19.3	77.3	5 800	32.8	85.9	4 700	42.3	90.2	3 600				64.0
66.0													28.2	82.5	4 500	38.6	87.9	3 400	46.8	90.4	2 400	66.0
68.0													22.7	78.3	4 200	34.7	85.2	3 200	43.5	88.5	2 200	68.0
70.0													15.6	72.6	4 000	30.3	82.0	3 000	39.9	86.2	2 000	70.0
72.0																25.3	78.3	2 800	36.1	83.6	1 900	72.0
76.0																9.6	65.5	2 500				76.0

Liftcrane Luffing Jib Capacities

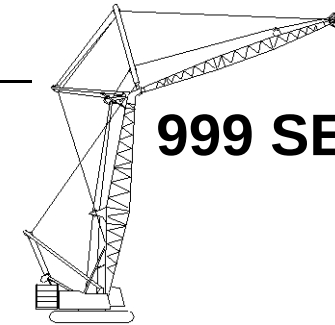
Luffing Jib No. 135 On Boom No. 82 or 22EL

83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			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	
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	10 100							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	9 500							46.0
48.0	32.6	91.3	6 500 *	42.2	97.7	7 900 *	47.2	100.4	8 900 *	54.6	103.4	8 900							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	8 400							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	7 900	56.0	102.5	6 500				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	7 500	53.3	101.0	6 100				54.0
56.0				26.5	86.0	6 100 *	33.5	91.0	6 800 *	42.8	96.4	7 100	50.5	99.5	5 800				56.0
58.0				21.0	81.5	5 600 *	29.2	87.7	6 400 *	39.4	94.1	6 700	47.5	97.7	5 500				58.0
60.0				13.6	75.1	5 100 *	24.3	83.7	6 000 *	35.8	91.5	6 400	44.5	95.8	5 100	51.7	98.1	4 000	60.0
62.0							18.2	78.6	5 400 *	31.8	88.5	6 000	41.2	93.6	4 900	48.9	96.4	3 700	62.0
64.0							8.7	70.2	4 900 *	27.3	84.9	5 700	37.7	91.2	4 600	45.9	94.6	3 500	64.0
66.0										22.0	80.6	5 400	34.0	88.4	4 300	42.7	92.5	3 300	66.0
68.0										15.1	74.6	5 200	29.8	85.2	4 100	39.3	90.2	3 100	68.0
70.0													24.9	81.4	3 900	35.7	87.6	2 900	70.0
72.0													19.0	76.4	3 700	31.7	84.6	2 700	72.0
76.0																21.9	76.7	2 300	76.0