

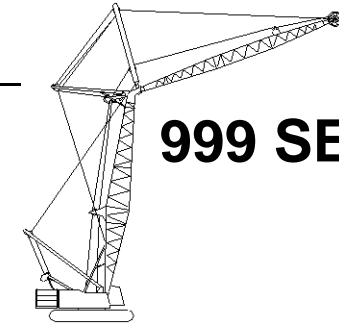


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



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LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4.0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 1 280 kg minimum block weight.

Lower boom point assembly must be completely removed on 51.8m boom length.

Weight of all load blocks, hooks, weight ball, slings, etc., beneath boom and luffing jib point sheaves, is considered part of luffing jib load. Reeved hoist line included in luffing jib weight. 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 (Boom No. 22EL) or No. 196200 (Boom No. 82), Wire Rope Specification chart No. 8265-A and Luffing Jib Raising Procedure chart No. 9267-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.

WIND CONDITIONS: Machine may be operated in winds stated in Maximum Operating Wind Speed table provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on load with a large "sail area" and must be compensated for accordingly by reducing load ratings, reducing operating speeds, or by a combination of both. Load block (1 280 kg minimum) must be suspended below luffing jib point when luffing jib is positioned above 55 degrees for operation above 7 m/s. Wind speed to be measured at luffing jib point elevation. **Operation is not permitted when wind is above conditions stated in Maximum Operating Wind Speed table.** Park crane (upper inline with crawlers) with load block on ground or secured and position boom at 70 degrees and luffing jib at 55 degrees. Lower boom and jib onto blocking at ground level when wind is above 22 m/s.

MACHINE TRAVEL: Machine to travel on a firm, level (not to exceed 13 mm in 3m) and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0.4 m/s. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart No. 8249-C.

MAX PERMISSIBLE SLEWING SPEED: Slewing operation with working load shall not exceed 0.4 m/s as measured at the operating radius. The amount of time to brake or start slewing a working load shall not be less than 2.5 seconds.

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

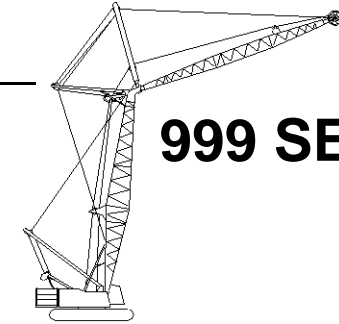
LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 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 and 67 860 kg counterweight.

Consult chart No. 8244-AM for lifting off lower boom point with luffing jib attached.

Boom Catwalks Deduct

Deduct 150 kg from capacities when boom catwalks are attached.



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360 Degree Rating

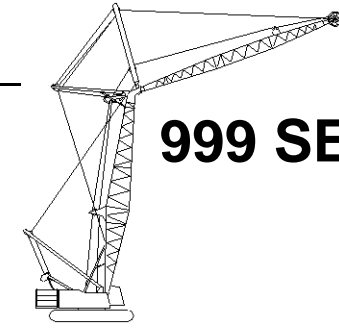
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	64.3	43.0	46 100 *b																			12.2
14.0	58.8	42.0	43 500 *b	64.5	42.8	47 400 *b																14.0
16.0	52.3	40.6	41 700 *b	58.4	41.7	43 600 b	61.8	42.1	42 400 b													16.0
18.0	45.2	38.9	38 400 *	51.8	40.3	38 400	55.5	40.9	37 400 b													18.0
20.0	37.0	36.6	33 300 *	44.6	38.5	33 900	48.7	39.4	33 100	54.8	40.3	31 700 b										20.0
22.0	26.8	33.4	28 300 *	36.3	36.2	29 900	41.0	37.4	29 200	47.9	38.7	28 000	54.0	39.5	26 900 b							22.0
24.0				25.9	32.9	26 800	32.0	34.7	26 200	40.2	36.7	25 000	47.1	37.9	24 000							24.0
26.0										31.0	33.9	22 600	39.2	35.8	21 600	45.9	36.8	20 700				26.0
28.0										18.0	29.5	20 500	29.7	32.8	19 600	37.9	34.6	18 800	44.5	35.6	17 900	28.0
30.0													15.8	28.1	17 900	28.0	31.5	17 100	36.2	33.2	16 300	30.0
32.0																12.4	26.1	15 700	25.8	29.9	15 000	32.0

REFERENCE ONLY!



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

**Maximum Operating Wind Speeds
 (all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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	41 500 b													16.0
18.0	51.9	42.9	36 300 *	57.2	44.1	37 700	60.3	44.5	36 600 b													18.0
20.0	45.6	41.2	33 400 *	51.5	42.6	33 600	54.7	43.2	32 700	59.7	44.0	31 300 b										20.0
22.0	38.6	39.0	29 300 *	45.2	40.8	29 800	48.7	41.7	29 100	54.1	42.6	27 800										22.0
24.0	30.3	36.1	26 000 *	38.1	38.6	26 600	42.1	39.7	26 000	48.1	41.0	24 900	53.4	41.9	23 800							24.0
26.0				29.6	35.6	24 000	34.5	37.2	23 400	41.4	39.0	22 400	47.3	40.2	21 400	52.5	40.9	20 500				26.0
28.0				18.0	31.1	21 100	25.0	33.7	21 300	33.7	36.4	20 400	40.5	38.1	19 400	46.3	39.1	18 500				28.0
30.0										23.9	32.8	18 600	32.6	35.4	17 700	39.4	37.0	16 900				30.0
32.0										5.0	25.0	17 100	22.5	31.6	16 300	31.3	34.2	15 600	38.0	35.6	14 800	32.0
34.0																20.5	30.1	14 300	29.5	32.6	13 600	34.0
36.0																			17.8	28.1	12 600	36.0

REFERENCED!



Liftcrane Luffing Jib Capacities

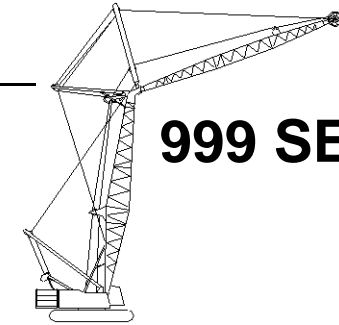
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

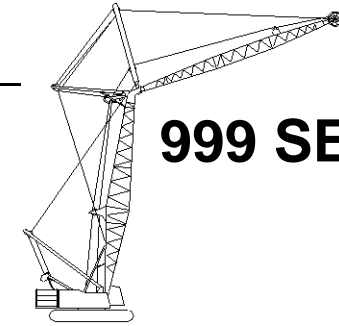


999 SERIES 1

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	32 300													20.0
22.0	46.0	43.5	28 800 *	51.2	44.9	30 000	54.1	45.6	29 100	58.6	46.3	27 800										22.0
24.0	39.9	41.4	26 500 *	45.6	43.2	26 700	48.7	44.0	26 000	53.6	45.0	24 900										24.0
26.0	32.8	38.6	23 600 *	39.4	41.0	24 100	42.9	42.0	23 400	48.2	43.3	22 400	52.9	44.2	21 400							26.0
28.0	24.1	34.9	20 700 *	32.3	38.2	21 900	36.3	39.6	21 300	42.3	41.4	20 400	47.5	42.5	19 400							28.0
30.0				23.3	34.4	20 000	28.6	36.5	19 500	35.6	38.9	18 600	41.5	40.5	17 700	46.6	41.4	16 900				30.0
32.0				7.5	27.2	15 700	18.0	31.8	17 900	27.7	35.6	17 100	34.8	37.9	16 300	40.6	39.3	15 500	45.5	40.2	14 800	32.0
34.0										16.6	30.7	15 800	26.6	34.5	15 000	33.6	36.7	14 300	39.3	38.0	13 600	34.0
36.0													14.7	29.2	13 900	25.1	33.2	13 200	32.2	35.2	12 600	36.0
38.0																12.0	27.2	12 300	23.2	31.4	11 700	38.0

REFERENCE ONLY!



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Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

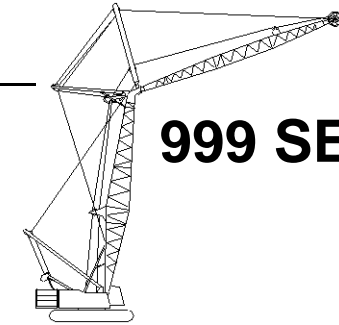
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	72.4	52.8	35 300 *b																			12.2
14.0	68.8	52.2	33 800 *b																			14.0
16.0	64.7	51.3	31 700 *	68.5	51.9	33 900 *b																16.0
18.0	60.4	50.3	29 800 *	64.3	51.0	31 900 *																18.0
20.0	56.0	49.0	28 100 *	60.1	50.0	30 000 *	62.5	50.4	31 100													20.0
22.0	51.3	47.6	26 500 *	55.7	48.7	28 300 *	58.1	49.2	28 700													22.0
24.0	46.3	45.8	25 100 *	51.0	47.2	26 400	53.6	47.9	25 800	57.7	48.7	24 700										24.0
26.0	40.9	43.7	23 500 *	45.9	45.5	23 900	48.8	46.3	23 200	53.1	47.3	22 200	57.1	47.9	21 200							26.0
28.0	34.7	41.1	21 200 *	40.4	43.3	21 700	43.5	44.3	21 100	48.3	45.6	20 200	52.5	46.5	19 200							28.0
30.0	27.5	37.8	19 200 *	34.2	40.7	19 800	37.8	42.0	19 300	43.0	43.7	18 400	47.6	44.8	17 500							30.0
32.0	17.6	33.0	15 700 *	26.8	37.3	18 200	31.1	39.1	17 700	37.2	41.3	16 900	42.3	42.8	16 100	46.9	43.8	15 300				32.0
34.0				16.7	32.3	16 300	22.8	35.2	16 400	30.4	38.3	15 600	36.4	40.4	14 800	41.5	41.7	14 100	45.9	42.5	13 400	34.0
36.0										21.8	34.2	14 400	29.5	37.3	13 700	35.4	39.2	13 000	40.4	40.3	12 400	36.0
38.0										6.4	26.3	13 400	20.6	33.0	12 700	28.3	36.0	12 100	34.2	37.7	11 500	38.0
40.0																18.9	31.4	11 300	26.8	34.3	10 600	40.0
42.0																			16.6	29.3	10 000	42.0



Liftcrane Luffing Jib Capacities

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 67 860 kg Counterweight
 360 Degree Rating

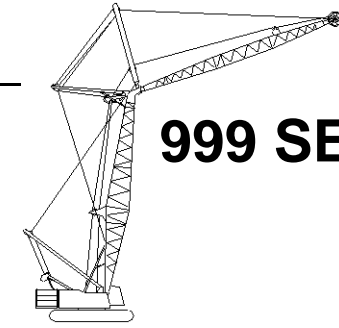
Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	28 000													22.0
24.0	51.1	49.9	24 300 *	55.1	51.0	25 800 *	57.3	51.6	25 700													24.0
26.0	46.6	48.1	23 100 *	50.8	49.5	23 800	53.2	50.2	23 200	56.9	51.0	22 100										26.0
28.0	41.7	46.0	21 300 *	46.2	47.8	21 600	48.8	48.6	21 100	52.8	49.6	20 100	56.4	50.2	19 200							28.0
30.0	36.2	43.6	19 300 *	41.3	45.7	19 800	44.1	46.7	19 200	48.3	47.9	18 300	52.2	48.8	17 500							30.0
32.0	30.0	40.5	17 600 *	35.8	43.2	18 200	38.9	44.4	17 700	43.6	46.0	16 900	47.8	47.1	16 100	51.6	47.8	15 200				32.0
34.0	22.2	36.4	14 700 *	29.5	40.0	16 800	33.1	41.6	16 300	38.4	43.7	15 500	43.0	45.1	14 800	47.1	46.1	14 000				34.0
36.0				21.5	35.8	15 200	26.2	38.1	15 100	32.5	40.9	14 400	37.7	42.8	13 700	42.2	44.0	13 000				36.0
38.0				8.1	28.3	11 600 *	16.8	33.0	14 100	25.4	37.3	13 400	31.7	39.9	12 700	36.8	41.6	12 100	41.2	42.7	11 400	38.0
40.0										15.6	31.9	12 500	24.4	36.1	11 900	30.7	38.6	11 200	35.7	40.2	10 600	40.0
42.0													14.0	30.4	11 100	23.1	34.7	10 500	29.4	37.0	9 900	42.0
44.0																11.6	28.3	9 800	21.4	32.8	9 300	44.0



999 SERIES 1

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Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

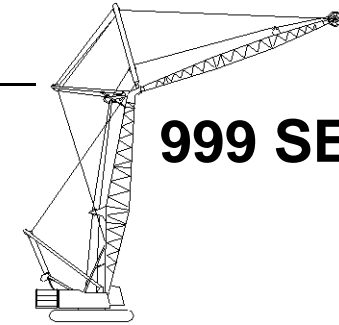
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.4	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	23 000	60.0	54.6	21 900										26.0
28.0	46.8	50.4	20 100 *	50.6	51.8	21 300	52.8	52.5	20 900	56.3	53.3	19 900										28.0
30.0	42.3	48.4	19 000 *	46.5	50.1	19 700	48.8	50.9	19 100	52.4	51.9	18 200	55.8	52.5	17 300							30.0
32.0	37.4	46.0	17 500 *	42.0	48.0	18 000	44.5	49.0	17 500	48.4	50.2	16 600	52.0	51.1	15 800							32.0
34.0	31.9	43.1	16 000 *	37.0	45.6	16 600	39.8	46.8	16 200	44.0	48.3	15 400	47.9	49.4	14 500	51.4	50.1	13 800				34.0
36.0	25.4	39.4	14 300 *	31.5	42.6	15 400	34.6	44.1	15 000	39.3	46.1	14 200	43.5	47.4	13 500	47.2	48.4	12 700				36.0
38.0	16.6	34.2	11 500 *	24.8	38.9	14 300	28.7	40.9	13 900	34.1	43.4	13 200	38.7	45.2	12 500	42.8	46.4	11 800				38.0
40.0				15.8	33.5	12 200 *	21.2	36.6	13 000	28.0	40.1	12 300	33.4	42.4	11 600	38.0	44.0	11 000	41.9	45.0	10 400	40.0
42.0										20.4	35.6	11 500	27.2	39.0	10 900	32.5	41.2	10 300	37.0	42.6	9 700	42.0
44.0										7.2	27.4	10 800	19.2	34.3	10 200	26.1	37.6	9 600	31.4	39.7	9 000	44.0
46.0															17.7	32.6	9 000	24.8	35.9	8 500	46.0	
48.0																		15.7	30.5	8 000	48.0	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.2	61.9	25 600 *																			13.7
14.0	73.8	61.8	25 400 *																			14.0
16.0	70.8	61.2	24 000 *																			16.0
18.0	67.7	60.4	22 700 *																			18.0
20.0	64.5	59.5	21 400 *	67.5	60.1	22 700 *																20.0
22.0	61.3	58.5	20 300 *	64.3	59.3	21 500 *	66.0	59.6	22 100 *													22.0
24.0	57.9	57.3	19 200 *	61.0	58.2	20 300 *	62.8	58.6	21 000 *													24.0
26.0	54.4	56.0	18 200 *	57.7	57.0	19 300 *	59.5	57.5	19 900 *	62.5	58.0	20 700 *										26.0
28.0	50.8	54.5	17 200 *	54.2	55.7	18 300 *	56.1	56.2	18 800 *	59.2	56.9	19 700										28.0
30.0	47.0	52.7	16 400 *	50.5	54.1	17 300 *	52.5	54.8	17 900 *	55.8	55.7	18 200										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	16 700	55.3	54.9	15 800							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	15 300	51.7	53.4	14 600							34.0
36.0	33.5	45.6	14 200 *	38.1	48.0	14 900 *	40.6	49.1	15 000	44.4	50.6	14 200	48.0	51.7	13 500	51.2	52.4	12 800				36.0
38.0	27.8	42.2	13 500 *	33.1	45.2	14 200 *	35.9	46.6	13 900	40.1	48.4	13 200	43.9	49.8	12 500	47.4	50.7	11 800				38.0
40.0	20.8	37.8	11 600 *	27.3	41.8	13 400	30.6	43.5	13 000	35.4	45.9	12 300	39.6	47.5	11 600	43.3	48.7	11 000	46.6	49.4	10 400	40.0
42.0				20.2	37.2	12 200	24.4	39.7	12 100	30.1	42.7	11 500	34.8	44.9	10 900	38.9	46.4	10 300	42.5	47.4	9 700	42.0
44.0				8.4	29.4	9 400 *	16.0	34.3	11 400	23.7	38.8	10 800	29.4	41.7	10 200	34.0	43.7	9 600	38.0	45.0	9 000	44.0
46.0										14.9	33.1	10 100	22.8	37.6	9 500	28.5	40.4	9 000	33.0	42.2	8 400	46.0
48.0													13.5	31.5	8 900	21.6	36.1	8 400	27.3	38.8	7 900	48.0
50.0																11.4	29.4	7 900	20.1	34.2	7 400	50.0

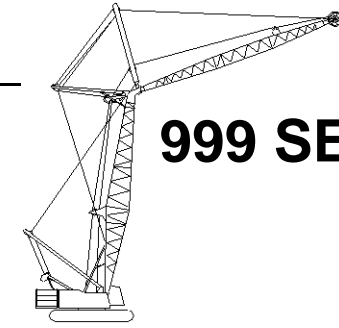


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

**Maximum Operating Wind Speeds
 (all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

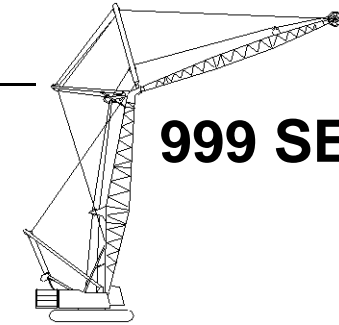
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.4	65.1	23 700 *																			13.7
14.0	75.0	65.0	23 500 *																			14.0
16.0	72.2	64.4	22 200 *																			16.0
18.0	69.4	63.7	20 900 *																			18.0
20.0	66.5	62.9	19 800 *	69.1	63.4	20 900 *																20.0
22.0	63.5	61.9	18 600 *	66.2	62.6	19 800 *																22.0
24.0	60.4	60.9	17 600 *	63.3	61.7	18 700 *	64.9	62.0	19 300 *													24.0
26.0	57.3	59.7	16 600 *	60.2	60.6	17 700 *	61.9	61.0	18 200 *													26.0
28.0	54.1	58.3	15 700 *	57.1	59.4	16 700 *	58.8	59.9	17 300 *	61.6	60.4	18 000 *										28.0
30.0	50.7	56.8	14 800 *	53.8	58.0	15 800 *	55.6	58.6	16 300 *	58.5	59.3	17 100 *										30.0
32.0	47.1	55.0	14 100 *	50.4	56.4	14 900 *	52.3	57.1	15 400 *	55.3	58.0	16 200 *										32.0
34.0	43.3	53.0	13 300 *	46.8	54.7	14 100 *	48.8	55.5	14 600 *	52.0	56.5	15 200	54.9	57.2	14 400							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	14 000	51.6	55.7	13 300							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	13 000	48.0	54.0	12 300							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	12 100	44.3	52.1	11 400	47.5	53.0	10 800				40.0
42.0	23.8	41.0	10 800 *	29.3	44.5	11 500 *	32.2	46.1	11 800 *	36.5	48.3	11 300	40.3	49.9	10 700	43.7	51.0	10 100				42.0
44.0	15.9	35.4	9 200 *	23.3	40.4	10 900 *	26.8	42.6	11 200	31.7	45.3	10 600	36.0	47.3	10 000	39.7	48.8	9 400	43.0	49.7	8 800	44.0
46.0				15.1	34.7	9 800 *	20.0	38.0	10 500	26.2	41.7	9 900	31.1	44.3	9 300	35.3	46.1	8 800	38.9	47.4	8 200	46.0
48.0										19.2	36.9	9 300	25.4	40.6	8 800	30.3	43.0	8 200	34.4	44.7	7 700	48.0
50.0										7.7	28.6	8 800	18.2	35.6	8 200	24.5	39.2	7 700	29.3	41.5	7 200	50.0
52.0																16.9	33.9	7 300	23.2	37.4	6 800	52.0
54.0																			15.0	31.7	6 400	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

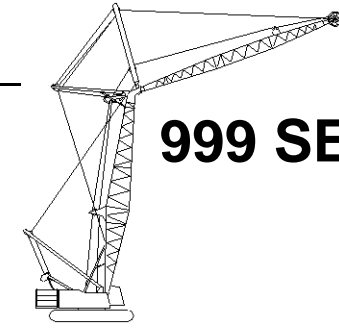
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	14 000 *										34.0
36.0	43.7	55.4	11 400 *	47.0	57.0	12 100 *	48.8	57.8	12 600 *	51.8	58.8	13 300 *	54.5	59.5	13 200							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	12 200							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	11 400	50.9	57.0	10 700				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	10 600	47.6	55.3	10 000				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	10 500	40.9	52.2	9 900	44.1	53.3	9 300				44.0
46.0	19.7	39.2	8 600 *	25.7	43.4	9 200 *	28.7	45.3	9 500 *	33.1	47.9	9 800	37.0	49.8	9 300	40.4	51.1	8 700	43.4	52.0	8 200	46.0
48.0				19.1	38.5	8 700 *	23.0	41.2	9 000 *	28.2	44.5	9 300	32.6	46.9	8 700	36.3	48.6	8 100	39.6	49.8	7 600	48.0
50.0				8.7	30.5	7 500 *	15.3	35.4	8 600 *	22.3	40.3	8 700	27.6	43.4	8 200	31.8	45.6	7 600	35.5	47.2	7 100	50.0
52.0										14.4	34.2	8 200	21.5	39.0	7 700	26.7	42.1	7 200	30.9	44.1	6 700	52.0
54.0													13.1	32.6	7 200	20.5	37.5	6 800	25.7	40.4	6 300	54.0
56.0																11.3	30.4	6 400	19.1	35.5	6 000	56.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	71.0	19 400 *																			15.2
16.0	74.5	70.7	18 900 *																			16.0
18.0	72.0	70.1	17 800 *																			18.0
20.0	69.5	69.5	16 800 *																			20.0
22.0	67.0	68.7	15 800 *	69.4	69.2	16 800 *																22.0
24.0	64.4	67.8	14 800 *	66.8	68.4	15 800 *																24.0
26.0	61.8	66.7	13 900 *	64.2	67.5	14 800 *	65.7	67.8	15 300 *													26.0
28.0	59.1	65.6	13 100 *	61.6	66.5	14 000 *	63.1	66.8	14 400 *													28.0
30.0	56.3	64.3	12 300 *	58.9	65.3	13 100 *	60.4	65.8	13 600 *													30.0
32.0	53.4	62.9	11 500 *	56.1	64.0	12 300 *	57.6	64.6	12 700 *	60.1	65.2	13 400 *										32.0
34.0	50.5	61.4	10 800 *	53.2	62.6	11 500 *	54.8	63.2	12 000 *	57.4	64.0	12 600 *										34.0
36.0	47.3	59.6	10 100 *	50.2	61.0	10 800 *	51.9	61.7	11 200 *	54.5	62.6	11 900 *										36.0
38.0	44.1	57.7	9 500 *	47.1	59.3	10 100 *	48.8	60.1	10 600 *	51.6	61.1	11 200 *	54.2	61.8	11 700 *							38.0
40.0	40.6	55.5	8 900 *	43.8	57.3	9 500 *	45.6	58.2	9 900 *	48.5	59.4	10 500 *	51.2	60.3	11 000 *							40.0
42.0	36.8	53.0	8 400 *	40.3	55.1	8 900 *	42.3	56.1	9 300 *	45.3	57.6	9 900 *	48.2	58.6	10 400 *	50.8	59.3	9 800				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	9 700 *	47.7	57.6	9 100				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	9 100 *	44.4	55.6	8 500	47.1	56.3	7 900	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	8 500 *	40.9	53.5	8 000	43.8	54.3	7 400	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	8 000 *	37.2	51.0	7 500	40.3	52.1	7 000	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	7 500 *	33.1	48.2	7 000	36.5	49.6	6 500	52.0
54.0										18.3	38.2	6 800 *	24.1	42.1	7 100 *	28.6	44.8	6 600	32.3	46.7	6 100	54.0
56.0										8.0	29.7	6 500 *	17.4	36.9	6 700 *	23.2	40.7	6 200	27.6	43.2	5 700	56.0
58.0																16.2	35.1	5 800	22.0	38.9	5 400	58.0
60.0																			14.5	32.8	5 100	60.0

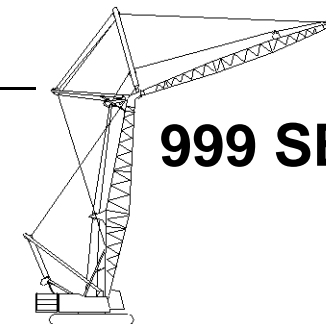


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)

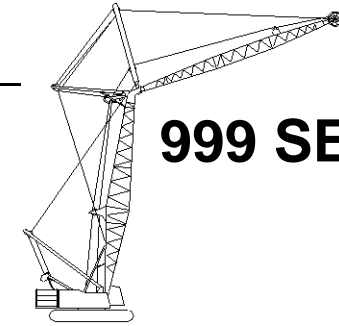
10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	8 900				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	8 300				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	7 800				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	7 300	44.1	56.6	6 800	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	6 900	40.8	54.5	6 400	52.0
54.0				18.3	39.8	5 100 *	21.8	42.6	5 400 *	26.7	46.2	5 800 *	30.7	48.8	6 200 *	34.2	50.7	6 400	37.3	52.0	6 000	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	6 000	33.5	49.2	5 600	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	5 200	58.0
60.0													12.8	33.7	4 800 *	19.5	38.8	5 200 *	24.3	41.9	4 900	60.0
62.0																11.2	31.5	4 800 *	18.2	36.8	4 600	62.0
64.0																			8.7	28.5	4 400	64.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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	42 400 b																16.0
18.0	45.6	42.0	38 900 *	53.1	43.6	37 400	57.2	44.3	36 300 b													18.0
20.0	37.4	39.8	33 900 *	46.0	41.9	33 500	50.5	42.8	32 400	57.4	43.8	30 800 b										20.0
22.0	27.4	36.6	29 300 *	38.0	39.7	29 800	43.1	40.9	28 900	50.7	42.4	27 500 b										22.0
24.0	11.1	30.9	21 000 *	28.1	36.6	26 600	34.6	38.5	25 800	43.4	40.5	24 600	50.8	41.7	23 300							24.0
26.0							23.5	34.9	23 300	34.9	38.0	22 200	43.4	39.8	21 000	50.6	40.8	19 900				26.0
28.0										23.9	34.5	20 100	34.9	37.4	19 100	43.2	38.9	18 100				28.0
30.0													24.0	33.8	17 400	34.7	36.4	16 500	42.7	37.7	15 600	30.0
32.0																23.6	32.8	15 100	34.0	35.2	14 300	32.0
34.0																			22.7	31.5	13 100	34.0

REFERENCE ONLY!

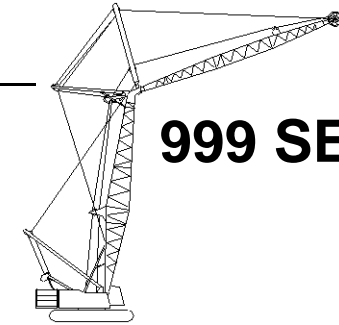


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

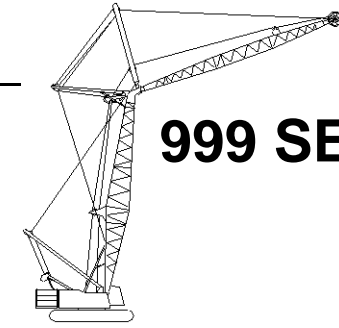


999 SERIES 1

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	41 200 b																16.0
18.0	52.2	46.1	36 400 *	58.3	47.3	36 600	61.7	47.8	35 500 b													18.0
20.0	46.0	44.3	34 000 *	52.6	45.9	32 800	56.2	46.6	31 800	61.9	47.3	30 200 b										20.0
22.0	39.0	42.2	29 700 *	46.4	44.2	29 600	50.3	45.1	28 700	56.4	46.1	27 200										22.0
24.0	30.8	39.3	26 300 *	39.5	42.1	26 500	43.9	43.3	25 700	50.5	44.7	24 400										24.0
26.0	19.8	35.1	22 400 *	31.4	39.3	23 900	36.6	40.9	23 200	44.1	42.8	21 900	50.6	44.0	20 800							26.0
28.0				20.6	35.2	21 700	27.8	37.7	21 000	36.9	40.5	19 900	44.2	42.1	18 900	50.4	43.1	17 800				28.0
30.0							14.9	32.6	19 200	28.1	37.3	18 200	36.9	39.8	17 200	44.0	41.2	16 200				30.0
32.0										15.5	32.3	16 700	28.2	36.7	15 800	36.7	38.8	14 900	43.5	40.0	14 000	32.0
34.0																27.9	35.7	13 700	36.1	37.6	12 900	34.0
36.0																15.0	30.6	12 700	27.2	34.4	11 900	36.0
38.0																			13.7	29.0	11 100	38.0

REFER TO MANUAL!



999 SERIES 1

Liftcrane Luffing Jib Capacities

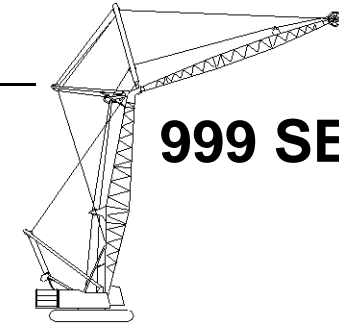
Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	70.6	52.7	37 700 *b																			12.2
14.0	66.5	52.0	35 600 *b																			14.0
16.0	61.9	51.0	34 100 *b	66.8	51.8	36 700 *b																16.0
18.0	57.0	49.8	32 100 *	62.1	50.8	34 600 *	65.1	51.2	35 000 b													18.0
20.0	51.9	48.4	30 400 *	57.3	49.7	32 400	60.4	50.2	31 300													20.0
22.0	46.3	46.6	28 900 *	52.2	48.2	29 300	55.4	48.9	28 400	60.5	49.7	26 900										22.0
24.0	40.2	44.5	26 800 *	46.7	46.5	26 500	50.2	47.4	25 700	55.6	48.5	24 300										24.0
26.0	33.3	41.8	24 000 *	40.6	44.4	23 900	44.5	45.6	23 200	50.4	47.0	21 900	55.6	47.8	20 800							26.0
28.0	24.6	38.2	21 300 *	33.7	41.8	21 700	38.2	43.3	21 100	44.7	45.1	19 900	50.4	46.3	18 900							28.0
30.0	10.9	32.0	16 100 *	25.2	38.3	19 800	30.8	40.4	19 200	38.4	42.9	18 200	44.7	44.4	17 200	50.2	45.4	16 200				30.0
32.0				12.1	32.3	18 200	21.3	36.3	17 700	31.0	40.0	16 700	38.4	42.2	15 800	44.5	43.5	14 900				32.0
34.0										21.6	35.9	15 400	31.1	39.3	14 600	38.2	41.2	13 700	44.1	42.3	12 900	34.0
36.0													21.7	35.3	13 500	30.9	38.3	12 700	37.8	40.0	11 900	36.0
38.0																21.4	34.3	11 800	30.3	37.1	11 100	38.0
40.0																			20.5	32.9	10 300	40.0

REFERENCE!



999 SERIES 1

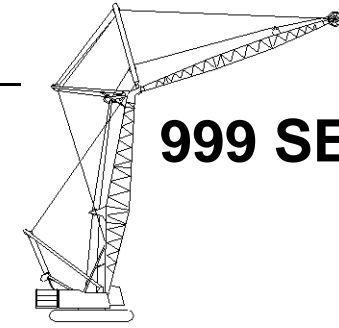
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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	30 700													20.0
22.0	51.6	50.7	26 500 *	56.5	52.0	28 500	59.3	52.6	27 800													22.0
24.0	46.6	49.0	25 200 *	51.9	50.6	26 200	54.8	51.3	25 300	59.4	52.1	24 000										24.0
26.0	41.2	46.9	23 900 *	46.9	48.8	23 700	50.1	49.7	23 000	55.0	50.8	21 800										26.0
28.0	35.1	44.3	21 500 *	41.5	46.8	21 600	45.0	47.9	20 800	50.2	49.3	19 700	55.0	50.1	18 600							28.0
30.0	27.9	41.1	19 500 *	35.5	44.3	19 700	39.4	45.7	19 100	45.1	47.4	18 000	50.2	48.6	17 000							30.0
32.0	18.3	36.4	17 100 *	28.4	41.1	18 100	33.0	42.9	17 500	39.5	45.2	16 600	45.2	46.8	15 600	50.1	47.7	14 600				32.0
34.0				19.0	36.5	16 700	25.3	39.4	16 200	33.2	42.5	15 300	39.6	44.6	14 400	45.0	45.8	13 500				34.0
36.0							14.1	33.8	15 000	25.5	39.0	14 100	33.2	41.8	13 300	39.4	43.6	12 500	44.6	44.6	11 700	36.0
38.0										14.5	33.5	13 100	25.6	38.3	12 300	33.0	40.9	11 600	39.0	42.4	10 800	38.0
40.0																25.3	37.3	10 700	32.6	39.6	10 100	40.0
42.0																14.2	31.7	10 000	24.7	36.0	9 400	42.0
44.0																			13.1	30.1	8 800	44.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

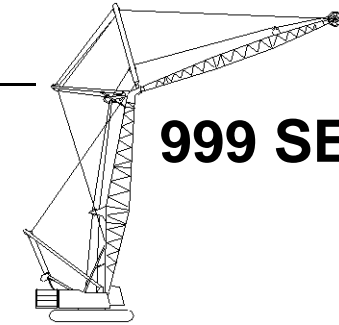
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.2	59.1	33 200 *b																			12.2
14.0	71.0	58.5	32 200 *b																			14.0
16.0	67.3	57.7	30 400 *																			16.0
18.0	63.5	56.8	28 700 *	67.5	57.6	30 800 *																18.0
20.0	59.7	55.7	27 100 *	63.8	56.7	29 100 *	66.1	57.0	30 000													20.0
22.0	55.6	54.5	25 700 *	59.9	55.6	27 500 *	62.3	56.0	27 400													22.0
24.0	51.4	53.0	24 300 *	55.8	54.3	25 800	58.4	54.9	24 900													24.0
26.0	46.8	51.3	23 100 *	51.6	52.9	23 700	54.3	53.6	22 900	58.5	54.4	21 600										26.0
28.0	41.9	49.2	21 700 *	47.1	51.1	21 500	50.0	52.0	20 800	54.4	53.1	19 700										28.0
30.0	36.5	46.8	19 600 *	42.2	49.1	19 600	45.3	50.2	19 000	50.1	51.6	18 000	54.5	52.4	16 900							30.0
32.0	30.3	43.7	17 900 *	36.9	46.7	18 100	40.3	48.0	17 500	45.5	49.7	16 500	50.1	50.9	15 500							32.0
34.0	22.7	39.7	16 000 *	30.7	43.7	16 700	34.7	45.4	16 100	40.5	47.6	15 200	45.5	49.1	14 300	50.0	50.0	13 400				34.0
36.0	10.7	33.1	11 800 *	23.2	39.8	15 500	28.1	42.2	14 900	34.9	45.0	14 100	40.5	46.9	13 200	45.4	48.1	12 400				36.0
38.0				11.8	33.4	13 400	19.7	37.7	13 900	28.4	41.8	13 100	34.9	44.3	12 300	40.4	46.0	11 500				38.0
40.0										20.0	37.3	12 200				34.7	43.4	10 700	40.0	44.8	10 000	40.0
42.0													20.1	36.6	10 700	28.2	40.1	10 000	34.3	42.1	9 300	42.0
44.0																19.8	35.6	9 300	27.7	38.8	8 700	44.0
46.0																			19.1	34.2	8 100	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

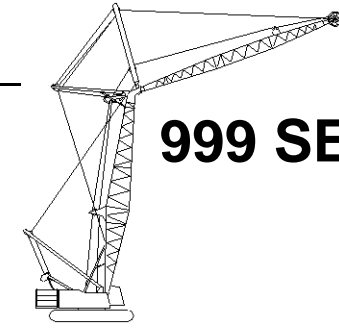
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.5	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	24 500													24.0
26.0	51.2	55.3	21 300 *	55.3	56.6	22 800	57.7	57.3	22 400	61.4	58.0	21 100										26.0
28.0	47.0	53.6	20 200 *	51.4	55.2	21 400	53.9	55.9	20 600	57.8	56.8	19 500										28.0
30.0	42.6	51.5	19 200 *	47.3	53.4	19 500	49.9	54.3	18 800	54.0	55.4	17 700										30.0
32.0	37.7	49.2	17 800 *	42.8	51.4	17 900	45.7	52.5	17 300	50.0	53.9	16 300	54.0	54.7	15 300							32.0
34.0	32.2	46.3	16 300 *	38.0	49.1	16 500	41.1	50.4	15 900	45.8	52.1	15 000	50.0	53.2	14 100							34.0
36.0	25.8	42.7	15 000 *	32.6	46.3	15 300	36.1	47.9	14 700	41.2	49.9	13 900	45.8	51.4	13 000	49.9	52.3	12 200				36.0
38.0	17.2	37.6	12 500 *	26.2	42.7	14 200	30.3	44.8	13 700	36.2	47.5	12 900	41.3	49.3	12 100	45.7	50.4	11 300				38.0
40.0				17.8	37.8	13 100	23.4	40.9	12 800	30.5	44.4	12 000	36.3	46.8	11 200	41.1	48.3	10 500	45.4	49.3	9 800	40.0
42.0							13.5	34.9	11 900	23.7	40.5	11 200	30.6	43.7	10 500	36.1	45.8	9 800	40.8	47.1	9 100	42.0
44.0										13.9	34.6	10 500	23.7	39.8	9 800	30.4	42.8	9 100	35.7	44.6	8 500	44.0
46.0																23.5	38.8	8 500	30.0	41.5	7 900	46.0
48.0																13.6	32.9	8 000	22.9	37.5	7 400	48.0
50.0																			12.6	31.2	7 000	50.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.4	65.0	25 500 *b																			13.7
14.0	74.0	64.9	25 300 *b																			14.0
16.0	70.9	64.3	24 000 *																			16.0
18.0	67.8	63.5	22 700 *																			18.0
20.0	64.7	62.6	21 400 *	68.0	63.3	22 900 *																20.0
22.0	61.4	61.6	20 300 *	64.9	62.5	21 700 *	66.9	62.8	22 400 *													22.0
24.0	58.1	60.4	19 200 *	61.6	61.4	20 500 *	63.7	61.9	21 200 *													24.0
26.0	54.6	59.1	18 200 *	58.3	60.3	19 500 *	60.4	60.8	20 100 *													26.0
28.0	51.0	57.6	17 300 *	54.8	59.0	18 500 *	57.0	59.6	19 100 *	60.5	60.3	19 300										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	17 800										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	16 300	57.2	58.4	15 300							32.0
34.0	38.7	51.6	14 800 *	43.3	53.8	15 800 *	45.9	54.8	16 000	49.9	56.2	15 000	53.6	57.0	14 100							34.0
36.0	33.8	48.8	14 200 *	38.9	51.5	15 100 *	41.7	52.7	14 800	46.0	54.4	13 900	50.0	55.5	13 000							36.0
38.0	28.1	45.5	13 600 *	34.1	48.8	14 200	37.2	50.3	13 700	41.9	52.3	12 900	46.1	53.7	12 100	49.8	54.6	11 300				38.0
40.0	21.2	41.1	12 700 *	28.5	45.5	13 200	32.1	47.4	12 800	37.3	49.9	12 000	41.9	51.6	11 200	46.0	52.7	10 500				40.0
42.0	10.7	34.1	9 500 *	21.7	41.2	12 400	26.2	43.8	11 900	32.3	47.0	11 200	37.4	49.2	10 500	41.8	50.7	9 800	45.7	51.6	9 100	42.0
44.0				11.5	34.5	10 800	18.5	39.0	11 200	26.4	43.4	10 500	32.3	46.3	9 800	37.2	48.2	9 100	41.5	49.5	8 500	44.0
46.0										18.8	38.6	9 800	26.4	42.8	9 200	32.1	45.4	8 500	36.9	47.0	7 900	46.0
48.0													18.9	38.0	8 600	26.2	41.8	8 000	31.8	44.1	7 400	48.0
50.0																18.6	36.9	7 500	25.7	40.4	6 900	50.0
52.0																			18.0	35.5	6 500	52.0



Liftcrane Luffing Jib Capacities

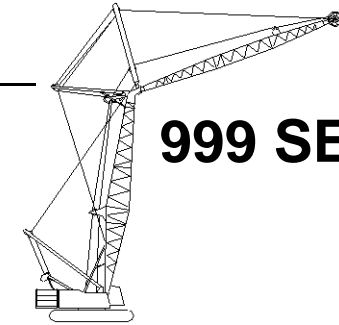
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

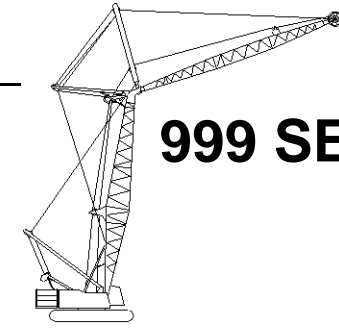
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	16 100										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	14 800	56.6	60.8	13 900							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	13 700	53.3	59.4	12 800							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	12 700	49.9	57.8	11 900							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	11 800	46.3	56.0	11 000	49.8	56.9	10 300				40.0
42.0	24.1	44.3	10 900 *	30.4	48.1	11 600 *	33.5	49.9	11 800	38.3	52.3	11 000	42.4	53.9	10 300	46.2	55.1	9 500				42.0
44.0	16.4	38.8	9 900 *	24.5	44.3	11 100 *	28.3	46.6	11 000	33.7	49.5	10 300	38.3	51.6	9 600	42.3	53.0	8 900				44.0
46.0				16.9	39.0	10 500 *	22.0	42.3	10 300	28.5	46.2	9 700	33.7	48.8	9 000	38.2	50.6	8 300	42.0	51.8	7 700	46.0
48.0							13.1	36.0	9 600	22.2	42.0	9 100	28.5	45.5	8 400	33.6	47.9	7 800	37.9	49.4	7 200	48.0
50.0										13.4	35.8	8 500	22.3	41.3	7 900	28.4	44.5	7 300	33.2	46.6	6 700	50.0
52.0																22.1	40.3	6 800	28.0	43.2	6 300	52.0
54.0																13.2	34.0	6 400	21.5	38.9	5 900	54.0
56.0																			12.3	32.3	5 600	56.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.6	70.9	21 000 *																			15.2
16.0	73.6	70.7	20 500 *																			16.0
18.0	70.9	70.0	19 400 *																			18.0
20.0	68.3	69.3	18 300 *																			20.0
22.0	65.5	68.4	17 300 *	68.4	69.1	18 400 *																22.0
24.0	62.7	67.4	16 300 *	65.7	68.2	17 400 *																24.0
26.0	59.9	66.4	15 300 *	62.9	67.3	16 500 *	64.7	67.7	17 100 *													26.0
28.0	56.9	65.1	14 400 *	60.1	66.2	15 500 *	61.9	66.7	16 100 *													28.0
30.0	53.9	63.7	13 600 *	57.1	65.0	14 600 *	59.0	65.5	15 200 *													30.0
32.0	50.7	62.2	12 900 *	54.1	63.6	13 800 *	56.0	64.3	14 400 *	59.1	65.1	15 200 *										32.0
34.0	47.4	60.5	12 100 *	50.9	62.1	13 000 *	52.9	62.8	13 600 *	56.1	63.8	14 400 *										34.0
36.0	43.9	58.5	11 500 *	47.6	60.3	12 300 *	49.7	61.2	12 800 *	53.0	62.4	13 500 *	56.1	63.1	12 800							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	12 600	53.0	61.7	11 800							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	11 700	49.8	60.1	11 000							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	11 000	46.5	58.3	10 200	49.7	59.2	9 500				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	10 200	42.9	56.3	9 500	46.4	57.4	8 800				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	9 600	39.1	54.0	8 900	42.8	55.3	8 300	46.1	56.2	7 600	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	9 000	34.9	51.3	8 400	39.0	53.0	7 700	42.5	54.1	7 100	48.0
50.0				11.4	35.6	8 400 *	17.7	40.2	8 700 *	24.8	45.0	8 500	30.3	48.2	7 800	34.8	50.4	7 200	38.7	51.8	6 600	50.0
52.0										17.9	39.9	8 000	24.8	44.3	7 300	30.1	47.2	6 800	34.5	49.1	6 200	52.0
54.0													18.0	39.2	6 900	24.7	43.3	6 400	29.8	45.9	5 900	54.0
56.0																17.7	38.2	6 000	24.2	42.0	5 500	56.0
58.0																			17.1	36.7	5 200	58.0



Liftcrane Luffing Jib Capacities

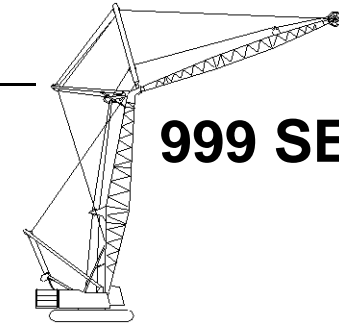
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

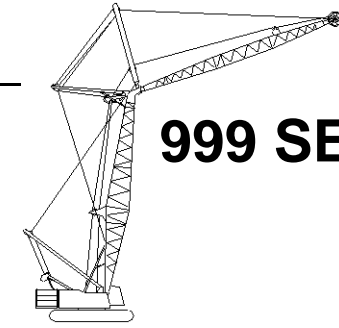
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	11 600								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	10 700								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	10 000								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	9 300	49.7	61.5	8 600					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	8 700	46.5	59.7	8 000					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	8 100	43.2	57.7	7 500	46.3	58.5	6 900		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	7 600	39.6	55.4	7 000	43.0	56.5	6 400		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	7 200	35.8	52.8	6 600	39.4	54.2	6 000		52.0
54.0							12.7	37.1	6 600 *	21.1	43.4	7 000 *	26.9	47.2	6 800	31.6	49.8	6 200	35.5	51.6	5 600		54.0
56.0										13.1	36.9	6 600 *	21.1	42.7	6 400	26.7	46.2	5 800	31.3	48.5	5 300		56.0
58.0																20.9	41.7	5 500	26.4	44.9	5 000		58.0
60.0																12.8	35.1	5 100	20.5	40.3	4 600		60.0
62.0																			12.1	33.4	4 400		62.0



999 SERIES 1

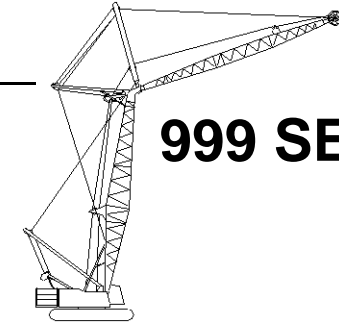
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.7	76.8	17 100 *																			16.8
18.0	73.2	76.4	16 500 *																			18.0
20.0	70.9	75.8	15 500 *																			20.0
22.0	68.6	75.0	14 600 *																			22.0
24.0	66.2	74.2	13 700 *	68.7	74.9	14 700 *																24.0
26.0	63.7	73.3	12 800 *	66.3	74.0	13 800 *	67.8	74.3	14 300 *													26.0
28.0	61.2	72.2	12 000 *	63.9	73.1	13 000 *	65.4	73.5	13 500 *													28.0
30.0	58.7	71.1	11 200 *	61.4	72.1	12 100 *	62.9	72.5	12 600 *													30.0
32.0	56.0	69.8	10 500 *	58.8	70.9	11 400 *	60.4	71.4	11 800 *	63.0	72.0	12 500 *										32.0
34.0	53.3	68.4	9 800 *	56.2	69.6	10 600 *	57.9	70.2	11 100 *	60.5	70.9	11 800 *										34.0
36.0	50.5	66.8	9 200 *	53.5	68.2	9 900 *	55.2	68.9	10 400 *	57.9	69.7	11 100 *										36.0
38.0	47.6	65.1	8 600 *	50.7	66.7	9 300 *	52.5	67.4	9 700 *	55.3	68.4	10 400 *										38.0
40.0	44.5	63.1	8 000 *	47.8	64.9	8 700 *	49.6	65.8	9 100 *	52.6	67.0	9 700 *	55.3	67.7	10 300 *							40.0
42.0	41.3	61.0	7 500 *	44.7	63.0	8 100 *	46.7	64.0	8 500 *	49.7	65.4	9 100 *	52.6	66.3	9 700 *							42.0
44.0	37.8	58.6	7 000 *	41.5	60.9	7 600 *	43.5	62.0	7 900 *	46.8	63.6	8 500 *	49.7	64.7	9 100 *							44.0
46.0	34.0	55.8	6 500 *	38.0	58.5	7 000 *	40.2	59.8	7 400 *	43.6	61.6	7 900 *	46.8	62.9	8 500 *	49.6	63.8	7 900				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	7 300				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	6 900				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	6 400	43.3	58.8	5 900	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	6 000	40.0	56.5	5 500	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	5 600	36.4	54.0	5 100	56.0
58.0										17.2	41.1	5 100 *	23.6	45.9	5 600 *	28.5	49.0	5 300	32.5	51.1	4 800	58.0
60.0													17.2	40.5	5 100 *	23.4	44.9	5 000	28.1	47.7	4 500	60.0
62.0																17.0	39.4	4 700	23.0	43.5	4 200	62.0
64.0																5.8	29.5	4 400	16.5	37.9	3 900	64.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

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

67 860 kg Counterweight

360 Degree Rating

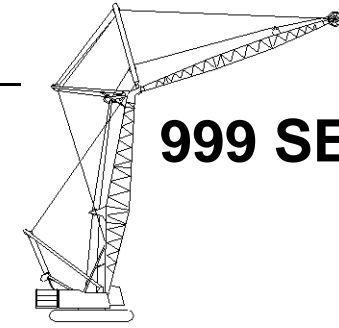
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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	41 200 b																16.0
18.0	46.0	45.2	38 700	54.3	46.9	36 400 b	58.8	47.6	35 200 b													18.0
20.0	37.9	43.0	34 400 *	47.4	45.3	32 700	52.3	46.2	31 500 b	59.9	47.2	29 700 b										20.0
22.0	28.0	39.9	30 000 *	39.5	43.2	29 500	45.2	44.5	28 400	53.4	45.9	26 700 b										22.0
24.0	12.5	34.5	23 000 *	30.1	40.3	26 400	37.0	42.2	25 500	46.4	44.2	24 000	54.3	45.3	22 600							24.0
26.0							26.8	39.0	23 000	38.4	42.0	21 700	47.4	43.7	20 300							26.0
28.0										28.7	39.0	19 600	39.6	41.6	18 400	48.1	42.9	17 300				28.0
30.0										13.9	33.9	17 900	30.2	38.7	16 800	40.3	40.8	15 700				30.0
32.0													16.6	34.1	15 500	31.1	38.1	14 400	40.7	39.8	13 500	32.0
34.0																18.3	33.7	13 300	31.6	37.1	12 400	34.0
36.0																			19.1	32.8	11 400	36.0

REFERENCED



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	68.3	52.5	43 000 *b																			12.2
14.0	63.6	51.7	40 600 *b																			14.0
16.0	58.2	50.6	38 800 *b	64.6	51.6	40 300 b																16.0
18.0	52.5	49.2	36 500 *	59.3	50.6	35 600 b	63.1	51.1	34 400 b													18.0
20.0	46.3	47.5	34 000	53.7	49.2	32 000	57.7	50.0	30 800													20.0
22.0	39.4	45.3	30 200 *	47.6	47.6	28 900	51.9	48.6	27 900	58.6	49.6	26 200 b										22.0
24.0	31.3	42.5	26 700 *	40.8	45.5	26 200	45.7	46.8	25 300	52.9	48.2	23 800										24.0
26.0	20.5	38.4	23 600 *	33.0	42.9	23 700	38.7	44.6	22 800	46.7	46.5	21 400	53.7	47.6	20 100							26.0
28.0				23.0	39.1	21 500	30.4	41.7	20 800	39.9	44.4	19 500	47.6	46.0	18 200							28.0
30.0							19.1	37.3	18 900	31.8	41.6	17 800	40.8	43.9	16 600	48.2	45.2	15 500				30.0
32.0										21.3	37.6	16 300	33.0	41.3	15 200	41.5	43.2	14 200				32.0
34.0													23.0	37.5	14 100	33.8	40.6	13 100	41.8	42.1	12 100	34.0
36.0																24.1	37.0	12 100	34.2	39.6	11 200	36.0
38.0																5.8	29.5	11 200	24.6	36.0	10 400	38.0

REFERENCE!



Liftcrane Luffing Jib Capacities

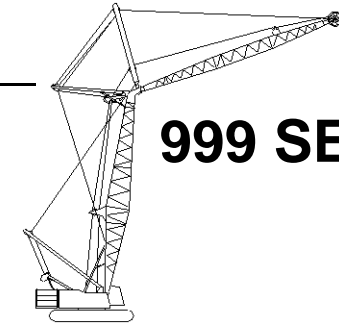
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jibb

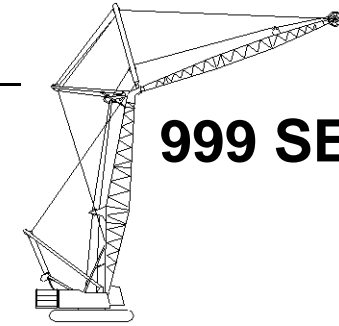


999 SERIES 1

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	31 500	61.6	53.5	30 400													20.0
22.0	46.6	49.8	28 900 *	53.1	51.6	28 600	56.8	52.3	27 500													22.0
24.0	40.6	47.7	27 000 *	47.7	49.9	26 100	51.6	50.9	25 100	57.6	51.9	23 500										24.0
26.0	33.7	45.1	24 200 *	41.8	47.9	23 700	46.1	49.1	22 800	52.5	50.5	21 400										26.0
28.0	25.1	41.5	21 800 *	35.1	45.4	21 600	39.9	47.0	20 800	47.0	48.8	19 500	53.2	50.0	18 200							28.0
30.0	12.0	35.6	17 600 *	27.0	42.0	19 700	32.9	44.2	19 000	41.0	46.8	17 800	47.7	48.3	16 600							30.0
32.0				15.4	36.9	18 100	24.1	40.6	17 400	34.1	44.2	16 300	41.8	46.3	15 200	48.3	47.5	14 200				32.0
34.0										25.7	40.7	15 000	35.1	43.8	14 100	42.4	45.5	13 100				34.0
36.0										13.1	35.0	14 000	27.0	40.4	13 000	35.8	43.1	12 100	42.7	44.5	11 200	36.0
38.0													15.4	35.3	12 100	27.8	39.8	11 200	36.1	42.0	10 300	38.0
40.0																16.8	35.0	10 400	28.2	38.9	9 600	40.0
42.0																			17.5	34.1	8 900	42.0

REFERENCE ONLY!



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	72.8	59.0	35 200 *b																			12.2
14.0	69.2	58.3	33 800 *b																			14.0
16.0	65.1	57.5	31 700 *																			16.0
18.0	60.9	56.5	29 900 *	65.9	57.4	32 500 *																18.0
20.0	56.5	55.3	28 100 *	61.7	56.4	30 600	64.7	56.9	29 800													20.0
22.0	51.8	53.8	26 600 *	57.3	55.3	28 000	60.4	55.9	26 900													22.0
24.0	46.9	52.1	25 200 *	52.7	53.9	25 500	56.0	54.6	24 500													24.0
26.0	41.5	50.0	24 000 *	47.9	52.2	23 400	51.3	53.2	22 500	56.7	54.3	21 000										26.0
28.0	35.4	47.5	21 800 *	42.6	50.2	21 400	46.4	51.4	20 600	52.1	52.8	19 300										28.0
30.0	28.3	44.3	19 800 *	36.7	47.8	19 500	40.9	49.3	18 800	47.2	51.1	17 600	52.8	52.3	16 400							30.0
32.0	18.9	39.7	18 000 *	29.8	44.7	18 000	34.8	46.7	17 200	41.8	49.1	16 100	47.9	50.6	15 000							32.0
34.0				21.0	40.5	16 600	27.5	43.4	15 900	35.8	46.6	14 900	42.6	48.6	13 800	48.3	49.8	12 800				34.0
36.0							17.7	38.6	14 700	28.8	43.5	13 800	36.7	46.2	12 800	43.1	47.9	11 800				36.0
38.0										19.6	39.0	12 800	29.8	43.2	11 900	37.3	45.5	11 000	43.3	46.8	10 100	38.0
40.0													21.0	38.9	11 000	30.5	42.5	10 200	37.5	44.4	9 400	40.0
42.0																22.0	38.4	9 500	30.9	41.5	8 700	42.0
44.0																6.9	30.7	8 900	22.5	37.5	8 100	44.0

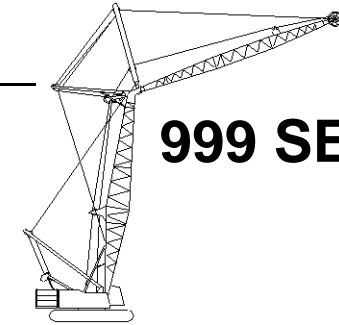


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

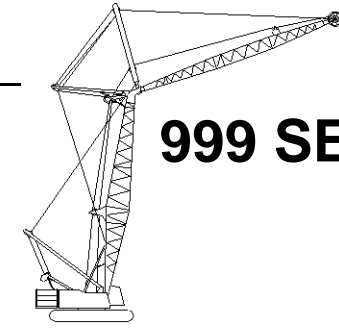
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	29 300													20.0
22.0	55.8	57.6	25 700 *	60.6	58.8	27 600	63.4	59.3	26 500													22.0
24.0	51.6	56.1	24 400 *	56.6	57.6	25 200	59.5	58.2	24 200													24.0
26.0	47.1	54.4	23 200 *	52.4	56.2	23 100	55.4	57.0	22 200	60.1	57.8	20 800										26.0
28.0	42.2	52.4	21 900 *	48.0	54.5	21 300	51.1	55.5	20 500	56.1	56.6	19 100										28.0
30.0	36.8	50.0	19 800 *	43.2	52.5	19 500	46.6	53.7	18 800	51.8	55.1	17 500										30.0
32.0	30.7	47.0	18 100 *	37.9	50.2	17 900	41.7	51.7	17 200	47.4	53.4	16 100	52.4	54.6	15 000							32.0
34.0	23.1	43.0	16 400 *	31.9	47.3	16 500	36.3	49.2	15 900	42.5	51.4	14 800	48.0	52.9	13 800							34.0
36.0	11.7	36.6	12 900 *	24.7	43.6	15 300	30.0	46.1	14 700	37.2	49.0	13 700	43.2	50.9	12 700	48.4	52.1	11 800				36.0
38.0				14.6	38.0	14 200	22.2	42.0	13 700	31.1	46.1	12 700	37.9	48.6	11 800	43.6	50.2	10 900				38.0
40.0										23.6	42.2	11 900	31.9	45.7	11 000	38.4	47.9	10 200	43.9	49.1	9 300	40.0
42.0										12.7	36.1	11 100	24.7	42.0	10 300	32.6	45.1	9 500	38.7	46.8	8 700	42.0
44.0													14.6	36.4	9 600	25.5	41.5	8 800	32.9	44.1	8 100	44.0
46.0																15.8	36.2	8 300	25.9	40.5	7 500	46.0
48.0																			16.4	35.3	7 100	48.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

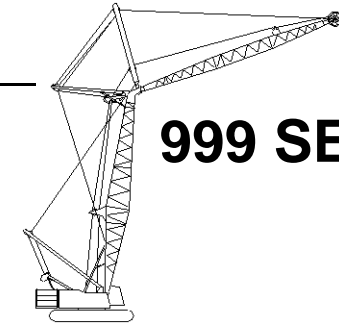
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.7	65.3	30 700 *b																			12.2
14.0	72.8	64.8	29 700 *b																			14.0
16.0	69.5	64.1	28 100 *																			16.0
18.0	66.1	63.3	26 600 *																			18.0
20.0	62.6	62.3	25 100 *	66.7	63.2	27 100 *																20.0
22.0	59.0	61.2	23 800 *	63.3	62.3	25 700 *	65.7	62.7	26 000													22.0
24.0	55.3	59.9	22 500 *	59.7	61.2	24 400 *	62.2	61.7	23 700													24.0
26.0	51.4	58.4	21 300 *	56.0	59.9	22 600	58.6	60.6	21 700	62.8	61.3	20 300										26.0
28.0	47.2	56.7	20 200 *	52.1	58.5	20 900	54.9	59.3	20 000	59.2	60.2	18 700										28.0
30.0	42.8	54.7	19 200 *	48.0	56.8	19 300	51.0	57.8	18 500	55.5	58.9	17 300										30.0
32.0	38.0	52.4	18 000 *	43.7	54.9	17 700	46.8	56.0	17 000	51.6	57.4	15 900	56.0	58.3	14 700							32.0
34.0	32.5	49.5	16 400 *	38.9	52.6	16 300	42.3	54.0	15 700	47.5	55.7	14 600	52.1	56.9	13 600							34.0
36.0	26.1	46.0	15 100 *	33.6	49.9	15 100	37.5	51.6	14 500	43.1	53.8	13 500	48.1	55.2	12 500							36.0
38.0	17.8	41.0	13 300 *	27.5	46.5	14 100	31.9	48.7	13 500	38.3	51.4	12 500	43.7	53.3	11 600	48.4	54.4	10 700				38.0
40.0				19.6	41.9	13 100	25.4	45.1	12 600	32.9	48.6	11 700	38.9	51.0	10 800	44.1	52.5	9 900				40.0
42.0							16.7	39.9	11 800	26.6	45.1	10 900	33.6	48.3	10 000	39.4	50.3	9 200	44.3	51.4	8 500	42.0
44.0										18.4	40.3	10 200	27.5	44.9	9 400	34.2	47.6	8 600	39.6	49.2	7 900	44.0
46.0													19.6	40.3	8 800	28.1	44.3	8 000	34.4	46.6	7 300	46.0
48.0																20.5	39.8	7 500	28.4	43.3	6 800	48.0
50.0																7.5	31.8	7 100	20.9	38.9	6 400	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

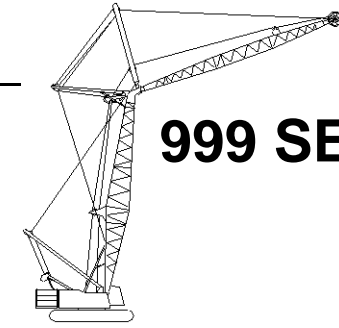
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	18 500											28.0
30.0	47.4	59.0	16 400 *	51.9	60.8	17 700 *	54.5	61.6	18 300	58.5	62.6	17 100											30.0
32.0	43.3	57.0	15 600 *	48.1	59.1	16 800 *	50.8	60.1	17 100	55.0	61.2	15 900											32.0
34.0	38.9	54.7	14 900 *	44.1	57.2	16 000 *	47.0	58.3	15 700	51.4	59.8	14 600	55.5	60.7	13 600								34.0
36.0	34.0	52.0	14 200 *	39.8	55.0	15 100	42.9	56.3	14 600	47.6	58.0	13 500	51.9	59.2	12 500								36.0
38.0	28.5	48.7	13 600 *	35.0	52.3	14 100	38.4	54.0	13 500	43.6	56.1	12 600	48.1	57.5	11 600								38.0
40.0	21.6	44.5	12 900 *	29.6	49.2	13 200	33.5	51.2	12 600	39.2	53.8	11 700	44.1	55.6	10 800	48.5	56.7	9 900					40.0
42.0	11.5	37.7	10 400 *	23.1	45.1	12 300	27.8	47.9	11 800	34.4	51.1	10 900	39.8	53.4	10 000	44.5	54.8	9 200					42.0
44.0				14.0	39.2	11 500	20.8	43.4	11 000	28.8	47.9	10 200	35.0	50.7	9 400	40.2	52.6	8 600	44.7	53.7	7 900		44.0
46.0										22.1	43.7	9 600	29.6	47.6	8 800	35.5	50.0	8 000	40.4	51.6	7 300		46.0
48.0										12.3	37.2	9 000	23.1	43.5	8 200	30.2	46.9	7 500	35.7	49.0	6 800		48.0
50.0													14.0	37.6	7 700	23.8	43.0	7 100	30.4	45.9	6 400		50.0
52.0																15.1	37.3	6 600	24.1	42.1	6 000		52.0
54.0																			15.6	36.5	5 600		54.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.7	71.2	23 500 *																			13.7
14.0	75.3	71.1	23 400 *																			14.0
16.0	72.5	70.5	22 100 *																			16.0
18.0	69.7	69.9	20 900 *																			18.0
20.0	66.8	69.1	19 800 *	70.2	69.8	21 200 *																20.0
22.0	63.8	68.1	18 700 *	67.3	69.0	20 100 *																22.0
24.0	60.8	67.1	17 600 *	64.4	68.1	19 000 *																24.0
26.0	57.7	65.9	16 700 *	61.4	67.1	18 000 *	63.5	67.5	18 700 *													26.0
28.0	54.4	64.6	15 800 *	58.3	65.9	17 100 *	60.5	66.5	17 700 *													28.0
30.0	51.0	63.0	14 900 *	55.0	64.6	16 100 *	57.3	65.3	16 800 *	61.0	66.1	16 700										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	15 500										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	14 400										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	13 300	55.0	63.0	12 300							36.0
38.0	35.3	54.5	12 000 *	40.5	57.3	13 000 *	43.3	58.6	13 300	47.7	60.3	12 300	51.7	61.5	11 400							38.0
40.0	30.3	51.4	11 500 *	36.2	54.8	12 300 *	39.3	56.4	12 400	44.0	58.4	11 500	48.2	59.8	10 600	52.0	60.7	9 700				40.0
42.0	24.5	47.5	10 900 *	31.3	51.8	11 700 *	34.8	53.7	11 600	39.9	56.2	10 700	44.5	57.9	9 800	48.5	59.0	9 000				42.0
44.0	16.9	42.2	10 500 *	25.7	48.1	11 200 *	29.8	50.5	10 800	35.6	53.6	10 000	40.5	55.7	9 200	44.8	57.1	8 400				44.0
46.0				18.6	43.2	10 700	23.8	46.6	10 200	30.6	50.5	9 300	36.2	53.2	8 600	40.9	55.0	7 800	45.0	56.1	7 100	46.0
48.0							15.9	41.1	9 600	24.9	46.7	8 800	31.3	50.2	8 000	36.6	52.5	7 300	41.1	53.9	6 600	48.0
50.0										17.4	41.6	8 300	25.7	46.5	7 500	31.8	49.5	6 900	36.8	51.4	6 200	50.0
52.0													18.6	41.6	7 100	26.3	45.9	6 400	32.1	48.5	5 800	52.0
54.0																19.4	41.2	6 000	26.6	45.0	5 400	54.0
56.0																8.0	32.9	5 700	19.7	40.3	5 100	56.0

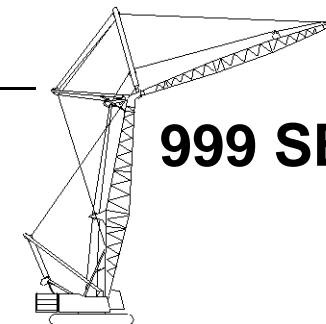


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

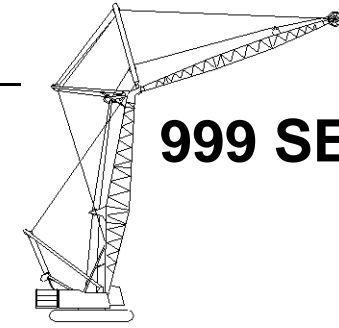
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	15 300										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	14 200										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	13 300										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	12 300	54.7	65.3	11 300							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	11 400	51.5	63.8	10 500							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	10 600	48.2	62.1	9 800							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	9 900	44.8	60.2	9 100	48.6	61.3	8 300				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	9 300	41.1	58.1	8 500	45.1	59.4	7 800				46.0
48.0	11.3	38.8	8 000 *	21.8	46.6	8 900 *	26.2	49.5	9 300 *	32.1	53.1	8 700	37.1	55.6	8 000	41.5	57.3	7 200	45.3	58.4	6 600	48.0
50.0				13.5	40.3	8 600 *	19.7	44.8	8 900 *	27.1	49.6	8 200	32.8	52.7	7 500	37.5	54.9	6 800	41.6	56.3	6 100	50.0
52.0										20.9	45.1	7 700	27.8	49.3	7 000	33.2	52.1	6 400	37.7	53.8	5 700	52.0
54.0										12.0	38.3	7 200	21.8	45.0	6 600	28.3	48.7	6 000	33.4	51.0	5 300	54.0
56.0													13.5	38.7	6 200	22.4	44.5	5 600	28.5	47.7	5 000	56.0
58.0																14.5	38.5	5 300	22.7	43.5	4 700	58.0
60.0																			15.0	37.7	4 400	60.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.7	77.1	19 300 *																			15.2
16.0	74.7	76.9	18 900 *																			16.0
18.0	72.3	76.3	17 800 *																			18.0
20.0	69.8	75.6	16 800 *																			20.0
22.0	67.3	74.8	15 800 *																			22.0
24.0	64.7	73.9	14 900 *	67.8	74.7	16 100 *																24.0
26.0	62.1	72.9	14 000 *	65.2	73.9	15 100 *	67.0	74.3	15 700 *													26.0
28.0	59.4	71.8	13 100 *	62.6	72.9	14 300 *	64.4	73.4	14 800 *													28.0
30.0	56.6	70.6	12 300 *	59.9	71.8	13 400 *	61.8	72.3	14 000 *													30.0
32.0	53.8	69.2	11 600 *	57.2	70.6	12 600 *	59.1	71.2	13 200 *	62.2	71.9	14 000 *										32.0
34.0	50.8	67.6	10 900 *	54.3	69.2	11 800 *	56.3	69.9	12 400 *	59.6	70.8	13 200 *										34.0
36.0	47.7	65.9	10 200 *	51.4	67.7	11 100 *	53.5	68.5	11 600 *	56.8	69.6	12 500 *										36.0
38.0	44.4	64.0	9 600 *	48.3	66.0	10 400 *	50.5	67.0	10 900 *	53.9	68.2	11 700 *										38.0
40.0	41.0	61.8	9 000 *	45.1	64.1	9 800 *	47.4	65.2	10 300 *	51.0	66.7	11 100 *	54.3	67.6	10 300							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	9 600							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	9 700	48.3	64.4	8 900							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	9 100	45.1	62.5	8 300	48.6	63.6	7 500				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	8 500	41.6	60.4	7 800	45.4	61.7	7 000				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	8 000	38.0	58.0	7 300	42.0	59.6	6 600	45.5	60.7	5 900	50.0
52.0				17.7	44.5	6 800 *	22.6	48.1	7 100 *	28.9	52.3	7 500	34.0	55.2	6 800	38.3	57.3	6 100	42.1	58.6	5 500	52.0
54.0							15.3	42.2	6 700 *	23.5	48.2	7 100	29.5	52.0	6 400	34.4	54.6	5 800	38.5	56.2	5 100	54.0
56.0										16.7	42.8	6 700	24.3	48.1	6 000	29.9	51.4	5 400	34.6	53.5	4 800	56.0
58.0													17.7	42.9	5 700	24.8	47.5	5 100	30.2	50.4	4 500	58.0
60.0																18.5	42.5	4 800	25.1	46.6	4 200	60.0
62.0																8.3	34.0	4 500	18.8	41.6	3 900	62.0
64.0																			9.0	33.5	3 700	64.0

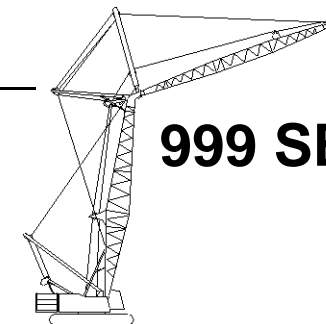


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

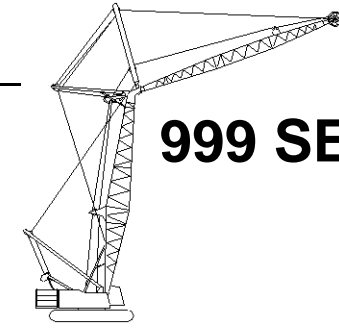
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.8	79.9	17 100 *																			16.8
18.0	73.4	79.5	16 500 *																			18.0
20.0	71.0	78.9	15 500 *																			20.0
22.0	68.7	78.1	14 600 *																			22.0
24.0	66.3	77.3	13 700 *	69.1	78.0	14 800 *																24.0
26.0	63.9	76.4	12 800 *	66.8	77.2	13 900 *																26.0
28.0	61.4	75.3	12 100 *	64.3	76.3	13 100 *	66.0	76.7	13 600 *													28.0
30.0	58.8	74.2	11 300 *	61.8	75.3	12 300 *	63.6	75.8	12 800 *													30.0
32.0	56.2	72.9	10 600 *	59.3	74.2	11 500 *	61.1	74.7	12 100 *													32.0
34.0	53.5	71.5	9 900 *	56.7	72.9	10 800 *	58.5	73.6	11 300 *	61.5	74.3	12 100 *										34.0
36.0	50.7	69.9	9 200 *	54.0	71.5	10 100 *	55.9	72.3	10 600 *	59.0	73.2	11 400 *										36.0
38.0	47.8	68.2	8 600 *	51.2	70.0	9 400 *	53.2	70.8	9 900 *	56.3	71.9	10 700 *										38.0
40.0	44.7	66.3	8 100 *	48.3	68.3	8 800 *	50.4	69.3	9 300 *	53.6	70.5	10 000 *	56.7	71.3	10 100							40.0
42.0	41.5	64.2	7 500 *	45.3	66.4	8 200 *	47.5	67.5	8 600 *	50.9	69.0	9 400 *	54.0	69.9	9 400							42.0
44.0	38.0	61.7	7 000 *	42.1	64.3	7 700 *	44.4	65.6	8 100 *	47.9	67.2	8 800 *	51.2	68.4	8 700							44.0
46.0	34.2	59.0	6 600 *	38.7	62.0	7 200 *	41.1	63.4	7 500 *	44.9	65.3	8 200 *	48.3	66.7	8 100	51.5	67.6	7 400				46.0
48.0	30.1	55.8	6 100 *	35.0	59.3	6 700 *	37.6	61.0	7 000 *	41.7	63.2	7 700 *	45.3	64.8	7 600	48.6	65.9	6 800				48.0
50.0	25.3	52.0	5 700 *	30.9	56.2	6 200 *	33.8	58.2	6 600 *	38.2	60.8	7 200 *	42.1	62.7	7 100	45.6	64.0	6 400				50.0
52.0	19.5	47.2	5 200 *	26.3	52.6	5 800 *	29.6	55.0	6 100 *	34.5	58.1	6 700 *	38.7	60.4	6 700	42.4	62.0	6 000	45.7	63.0	5 300	52.0
54.0	11.2	39.9	4 800 *	20.8	48.0	5 300 *	24.8	51.1	5 700 *	30.4	55.0	6 300 *	35.0	57.7	6 300	39.0	59.6	5 600	42.6	60.9	5 000	54.0
56.0				13.2	41.4	4 900 *	18.8	46.1	5 200 *	25.6	51.2	5 800 *	30.9	54.6	5 900	35.4	57.0	5 200	39.2	58.6	4 600	56.0
58.0										19.9	46.4	5 200 *	26.3	51.0	5 500	31.3	54.0	4 900	35.5	56.0	4 300	58.0
60.0										11.8	39.4	4 800 *	20.8	46.4	5 200	26.8	50.4	4 600	31.5	53.0	4 000	60.0
62.0													13.2	39.8	4 800	21.3	45.9	4 300	27.0	49.4	3 800	62.0
64.0																14.1	39.6	4 000	21.6	45.0	3 500	64.0
66.0																			14.5	38.8	3 300	66.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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	40 100 b																16.0
18.0	46.4	48.3	38 100	55.5	50.2	35 500 b	60.5	50.9	34 200 b													18.0
20.0	38.4	46.1	34 100	48.7	48.7	31 800	54.1	49.6	30 600 b	62.3	50.6	28 600 b										20.0
22.0	28.6	43.1	30 400 *	41.1	46.7	28 900	47.2	48.0	27 700	56.0	49.4	25 800 b										22.0
24.0	13.7	38.0	23 100 *	32.1	44.0	26 200	39.3	45.9	25 100	49.3	47.9	23 500										24.0
26.0							29.8	43.0	22 700	41.7	45.9	21 200	51.1	47.5	19 700							26.0
28.0										32.8	43.3	19 200	43.8	45.6	17 900							28.0
30.0										21.0	39.4	17 600	35.3	43.2	16 300	45.4	45.0	15 100				30.0
32.0													24.6	39.7	15 000	37.3	42.7	13 900	46.7	44.0	12 800	32.0
34.0																27.2	39.6	12 800	38.7	41.9	11 700	34.0
36.0																			29.1	38.9	10 800	36.0
38.0																			14.7	33.9	10 000	38.0

REFER TO CAPACITY CHART!

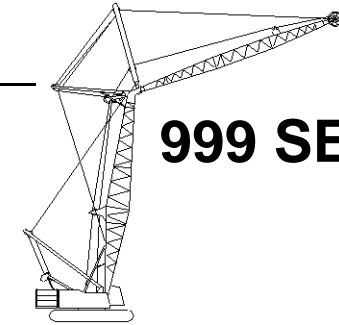


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

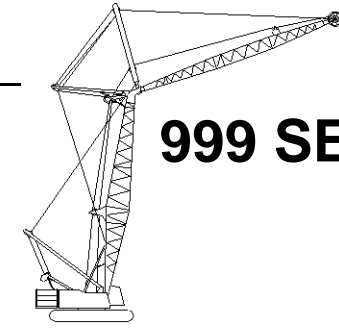


999 SERIES 1

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	39 200 b																16.0
18.0	52.8	52.3	36 600 *	60.3	53.8	34 700 b	64.5	54.4	33 400 b													18.0
20.0	46.7	50.6	33 400	54.7	52.5	31 200	59.1	53.3	29 900 b													20.0
22.0	39.8	48.5	30 200	48.7	51.0	28 200	53.5	52.0	27 000	60.7	53.0	25 200 b										22.0
24.0	31.8	45.7	27 200 *	42.1	49.0	25 800	47.4	50.3	24 700	55.2	51.7	22 900										24.0
26.0	21.2	41.7	24 100 *	34.6	46.5	23 500	40.6	48.2	22 500	49.2	50.2	21 000	56.6	51.2	19 500							26.0
28.0				25.1	43.0	21 300	32.8	45.5	20 400	42.7	48.3	19 000	50.8	49.8	17 600							28.0
30.0							22.6	41.7	18 700	35.2	45.8	17 400	44.5	47.9	16 100							30.0
32.0										26.0	42.4	16 000	37.3	45.6	14 800	45.9	47.3	13 600				32.0
34.0													28.6	42.5	13 600	38.9	45.1	12 500				34.0
36.0													16.3	37.7	12 600	30.7	42.2	11 600	40.1	44.2	10 600	36.0
38.0																19.6	38.0	10 700	32.2	41.5	9 800	38.0
40.0																			21.8	37.6	9 100	40.0

REFERENCE ONLY!



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	71.0	58.8	37 600 *b																			12.2
14.0	67.0	58.1	35 500 *b																			14.0
16.0	62.4	57.2	34 100 *b	68.4	58.1	37 300 *b																16.0
18.0	57.5	56.0	32 100 *	63.9	57.3	34 300 b																18.0
20.0	52.4	54.6	30 500 *	59.1	56.2	30 800	62.9	56.8	29 500 b													20.0
22.0	46.9	52.9	28 900 *	54.1	54.9	27 800	58.1	55.6	26 700													22.0
24.0	40.9	50.9	27 300	48.8	53.3	25 400	53.0	54.3	24 400	59.5	55.4	22 700										24.0
26.0	34.1	48.3	24 700 *	42.9	51.3	23 400	47.6	52.6	22 400	54.5	54.1	20 800										26.0
28.0	25.7	44.8	22 400 *	36.4	48.9	21 300	41.6	50.6	20 500	49.2	52.5	19 100	55.8	53.6	17 700							28.0
30.0	13.0	39.1	18 300 *	28.6	45.8	19 500	34.9	48.0	18 700	43.4	50.6	17 400	50.6	52.1	16 100							30.0
32.0				18.1	41.1	17 900	26.7	44.7	17 200	36.9	48.2	16 000	45.0	50.3	14 800	51.8	51.3	13 600				32.0
34.0										29.3	45.1	14 700	38.7	48.0	13 600	46.2	49.6	12 500				34.0
36.0										19.1	40.7	13 600	31.4	45.2	12 600	40.1	47.5	11 500				36.0
38.0													22.2	41.2	11 600	33.1	44.8	10 700				38.0
40.0																24.4	41.1	9 900	41.2	46.6	9 800	40.0
42.0																			26.1	40.6	8 400	42.0
44.0																			13.8	35.0	7 900	44.0

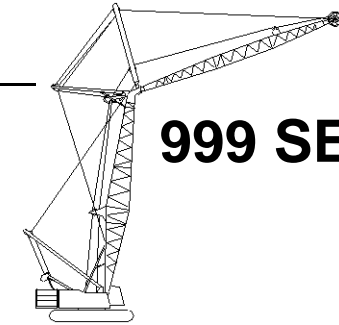


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

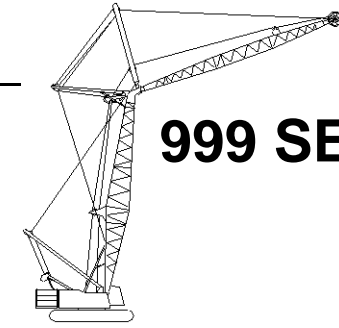
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	30 200	65.8	60.2	28 900													20.0
22.0	52.1	56.9	26 600 *	58.2	58.5	27 300	61.6	59.2	26 100													22.0
24.0	47.2	55.2	25 300 *	53.6	57.2	24 900	57.2	58.0	23 900													24.0
26.0	41.8	53.2	24 100 *	48.8	55.6	22 900	52.6	56.6	21 900	58.5	57.7	20 300										26.0
28.0	35.8	50.7	22 300 *	43.6	53.6	21 100	47.7	54.9	20 200	54.0	56.4	18 700										28.0
30.0	28.7	47.5	20 200 *	37.8	51.3	19 400	42.4	52.9	18 500	49.2	54.8	17 200	55.2	55.9	15 900							30.0
32.0	19.5	43.1	18 500 *	31.2	48.4	17 800	36.5	50.5	17 000	44.0	52.9	15 700	50.5	54.4	14 600							32.0
34.0				22.9	44.5	16 400	29.6	47.4	15 700	38.3	50.6	14 500	45.4	52.6	13 400	51.5	53.6	12 300				34.0
36.0							20.7	43.1	14 500	31.7	47.8	13 400	39.8	50.4	12 300	46.5	51.9	11 300				36.0
38.0										23.6	43.9	12 500	33.5	47.7	11 500	41.1	49.8	10 500				38.0
40.0													26.0	44.2	10 600	35.0	47.3	9 700	42.0	48.9	8 800	40.0
42.0													15.2	38.9	9 900	27.8	44.0	9 100	36.1	46.5	8 200	42.0
44.0																18.1	39.3	8 400	29.1	43.3	7 600	44.0
46.0																			20.0	38.9	7 100	46.0



999 SERIES 1

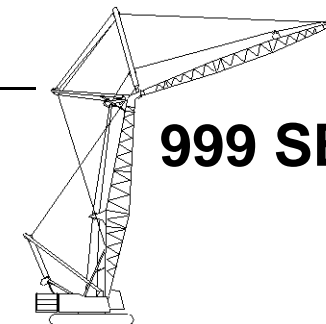
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.6	65.2	32 900 *b																			12.2
14.0	71.3	64.7	32 000 *b																			14.0
16.0	67.7	63.9	30 300 *																			16.0
18.0	63.9	63.0	28 700 *																			18.0
20.0	60.1	62.0	27 200 *	65.2	63.1	29 500																20.0
22.0	56.0	60.7	25 700 *	61.3	62.0	26 900	64.4	62.6	25 800													22.0
24.0	51.8	59.3	24 400 *	57.4	60.9	24 500	60.5	61.5	23 500													24.0
26.0	47.3	57.5	23 200 *	53.2	59.5	22 500	56.5	60.3	21 600	61.6	61.2	20 000										26.0
28.0	42.5	55.5	22 100 *	48.8	57.9	20 800	52.3	58.9	19 900	57.7	60.1	18 400										28.0
30.0	37.1	53.1	20 400 *	44.1	56.0	19 300	47.8	57.2	18 400	53.5	58.7	17 100										30.0
32.0	31.0	50.2	18 600 *	38.9	53.7	17 700	43.0	55.2	17 000	49.2	57.1	15 700	54.6	58.2	14 500							32.0
34.0	23.6	46.3	16 900 *	33.1	50.9	16 300	37.8	52.9	15 600	44.5	55.2	14 500	50.3	56.7	13 300							34.0
36.0	12.6	40.2	13 700 *	26.2	47.4	15 100	31.8	50.0	14 500	39.4	53.0	13 400	45.7	54.9	12 300							36.0
38.0				16.9	42.4	14 100	24.5	46.3	13 500	33.6	50.3	12 400	40.7	52.7	11 400	46.7	54.2	10 400				38.0
40.0										26.8	46.8	11 500	35.2	50.2	10 600	41.9	52.2	9 700				40.0
42.0										17.8	42.0	10 800	28.7	47.0	9 900	36.4	49.7	9 000	42.7	51.2	8 100	42.0
44.0													20.5	42.6	9 300	30.2	46.7	8 400	37.4	48.9	7 600	44.0
46.0																22.5	42.6	7 900	31.3	45.9	7 100	46.0
48.0																			23.9	42.1	6 600	48.0
50.0																			13.2	36.2	6 200	50.0



999 SERIES 1

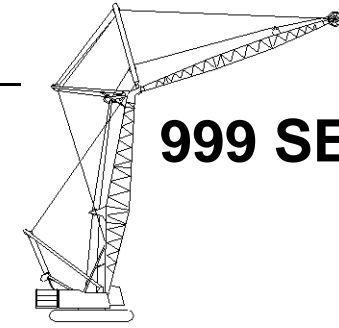
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.9	68.4	31 100 *b																			12.2
14.0	72.9	67.9	29 600 *b																			14.0
16.0	69.6	67.2	28 000 *																			16.0
18.0	66.3	66.4	26 500 *																			18.0
20.0	62.8	65.4	25 100 *	67.4	66.4	27 200 *																20.0
22.0	59.2	64.3	23 800 *	63.9	65.5	25 900 *	66.6	65.9	25 300													22.0
24.0	55.5	63.0	22 600 *	60.4	64.4	24 100	63.2	65.0	23 000													24.0
26.0	51.6	61.6	21 400 *	56.7	63.2	22 100	59.6	63.9	21 100													26.0
28.0	47.5	59.8	20 200 *	52.9	61.8	20 400	55.9	62.6	19 500	60.7	63.6	18 000										28.0
30.0	43.1	57.9	19 300 *	48.8	60.2	18 900	52.0	61.2	18 000	57.0	62.4	16 600										30.0
32.0	38.2	55.5	18 300 *	44.5	58.3	17 500	47.9	59.5	16 700	53.2	61.0	15 500	58.0	61.9	14 200							32.0
34.0	32.9	52.7	16 900 *	39.8	56.1	16 200	43.6	57.6	15 400	49.1	59.4	14 200	54.2	60.5	13 100							34.0
36.0	26.5	49.2	15 600 *	34.7	53.4	15 000	38.8	55.3	14 300	44.9	57.5	13 200	50.2	59.0	12 100							36.0
38.0	18.3	44.4	13 900 *	28.7	50.2	13 900	33.5	52.5	13 300	40.2	55.3	12 200	46.0	57.2	11 200							38.0
40.0				21.3	45.9	13 000	27.3	49.1	12 300	35.1	52.8	11 400	41.5	55.1	10 400	46.9	56.5	9 400				40.0
42.0							19.4	44.5	11 500	29.2	49.6	10 600	36.5	52.6	9 700	42.5	54.5	8 800				42.0
44.0										21.9	45.4	9 900	30.8	49.6	9 000	37.6	52.1	8 200	43.2	53.6	7 400	44.0
46.0													24.0	45.8	8 400	32.1	49.2	7 600	38.5	51.3	6 800	46.0
48.0													14.5	40.0	7 900	25.6	45.6	7 100	33.1	48.5	6 400	48.0
50.0																17.0	40.5	6 700	26.8	45.0	6 000	50.0
52.0																			18.7	40.2	5 600	52.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.7	71.1	25 100 *b																			13.7
14.0	74.3	71.0	24 900 *b																			14.0
16.0	71.3	70.4	23 900 *																			16.0
18.0	68.2	69.7	22 600 *																			18.0
20.0	65.0	68.8	21 400 *	69.2	69.7	23 200 *																20.0
22.0	61.8	67.8	20 300 *	66.1	68.8	22 000 *																22.0
24.0	58.5	66.7	19 300 *	62.9	67.9	20 900 *	65.4	68.4	21 700 *													24.0
26.0	55.0	65.4	18 300 *	59.6	66.8	19 800 *	62.2	67.4	20 600 *													26.0
28.0	51.4	63.9	17 300 *	56.1	65.5	18 800 *	58.8	66.3	19 300 *													28.0
30.0	47.6	62.1	16 500 *	52.6	64.1	17 800 *	55.4	65.0	17 900 *	59.8	66.0	16 500										30.0
32.0	43.5	60.2	15 700 *	48.8	62.5	17 000 *	51.8	63.5	16 600 *	56.4	64.7	15 300										32.0
34.0	39.2	57.9	14 900 *	44.9	60.6	16 100	48.0	61.8	15 500	52.9	63.3	14 300										34.0
36.0	34.3	55.2	14 300 *	40.6	58.4	15 000	44.0	59.9	14 300	49.1	61.7	13 200	53.8	62.8	12 100							36.0
38.0	28.8	52.0	13 700 *	35.9	55.9	14 000	39.7	57.6	13 300	45.2	59.8	12 200	50.1	61.3	11 200							38.0
40.0	22.0	47.8	13 100 *	30.7	52.8	13 000	34.9	55.0	12 400	41.0	57.7	11 400	46.2	59.5	10 400	50.9	60.6	9 400				40.0
42.0	12.2	41.3	11 100 *	24.4	49.0	12 200	29.4	51.8	11 600	36.3	55.2	10 600	42.1	57.4	9 700	47.1	58.8	8 800				42.0
44.0				16.0	43.6	11 400	22.9	47.8	10 800	31.1	52.2	9 900	37.6	55.0	9 000	43.0	56.8	8 200				44.0
46.0										25.0	48.4	9 300	32.5	52.2	8 400	38.6	54.5	7 600	43.7	55.9	6 800	46.0
48.0										16.8	43.2	8 700	26.7	48.7	7 900	33.7	51.8	7 100	39.3	53.6	6 400	48.0
50.0													19.3	43.9	7 400	28.0	48.4	6 700	34.5	51.0	6 000	50.0
52.0																21.1	44.0	6 300	29.0	47.7	5 600	52.0
54.0																			22.4	43.6	5 200	54.0
56.0																			12.8	37.3	4 900	56.0



Liftcrane Luffing Jib Capacities

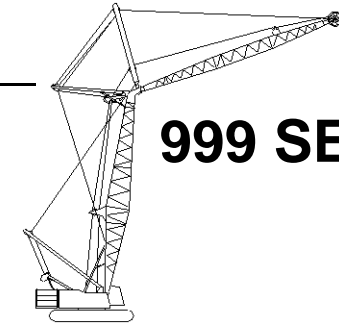
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

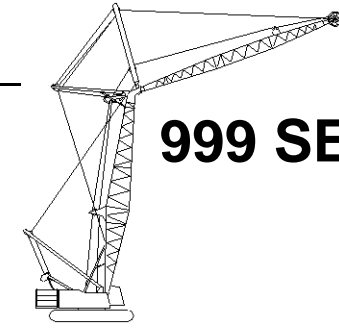
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jibb



999 SERIES 1

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	14 900											32.0
34.0	43.9	62.5	13 400 *	48.8	64.8	14 600 *	51.6	65.8	15 100	55.9	67.1	13 900											34.0
36.0	39.9	60.3	12 700 *	45.2	62.9	13 800 *	48.1	64.1	14 100	52.6	65.6	13 000											36.0
38.0	35.5	57.7	12 100 *	41.3	60.8	13 100 *	44.4	62.2	13 100	49.1	64.0	12 100	53.5	65.2	11 000								38.0
40.0	30.6	54.6	11 500 *	37.0	58.3	12 400 *	40.4	60.0	12 200	45.5	62.1	11 200	50.0	63.6	10 200								40.0
42.0	24.8	50.8	11 000 *	32.3	55.4	11 800 *	36.0	57.5	11 400	41.6	60.0	10 400	46.4	61.8	9 500	50.8	62.9	8 600					42.0
44.0	17.4	45.6	10 600 *	26.8	51.9	11 200	31.2	54.4	10 600	37.3	57.6	9 700	42.6	59.8	8 800	47.2	61.1	7 900					44.0
46.0				20.1	47.3	10 500	25.5	50.7	10 000	32.7	54.8	9 100	38.5	57.4	8 300	43.5	59.1	7 400					46.0
48.0							18.3	45.8	9 400	27.3	51.3	8 500	33.9	54.7	7 700	39.4	56.9	6 900	44.1	58.2	6 100		48.0
50.0										20.7	46.8	8 000	28.8	51.4	7 200	35.0	54.2	6 500	40.1	56.0	5 700		50.0
52.0													22.6	47.2	6 800	30.0	51.1	6 000	35.7	53.4	5 400		52.0
54.0													14.0	41.2	6 400	24.0	47.2	5 700	30.8	50.4	5 000		54.0
56.0																16.2	41.7	5 300	25.1	46.6	4 700		56.0
58.0																			17.7	41.5	4 400		58.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.8	77.0	20 900 *																			15.2
16.0	73.8	76.8	20 400 *																			16.0
18.0	71.2	76.2	19 300 *																			18.0
20.0	68.5	75.4	18 300 *																			20.0
22.0	65.8	74.6	17 300 *	69.4	75.4	18 700 *																22.0
24.0	63.0	73.6	16 300 *	66.7	74.6	17 700 *																24.0
26.0	60.2	72.6	15 400 *	63.9	73.7	16 700 *	66.1	74.2	17 500 *													26.0
28.0	57.3	71.4	14 500 *	61.1	72.7	15 800 *	63.3	73.2	16 500 *													28.0
30.0	54.2	70.0	13 700 *	58.2	71.5	15 000 *	60.5	72.2	15 700 *													30.0
32.0	51.1	68.5	12 900 *	55.2	70.2	14 100 *	57.6	71.0	14 800 *	61.3	71.8	14 700										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	13 700										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	12 800										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	12 000										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	11 100	53.2	67.5	10 100							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	10 300	50.0	65.9	9 400							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	9 700	46.6	64.1	8 800	50.7	65.2	7 900				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	9 000	43.1	62.1	8 200	47.4	63.4	7 300				46.0
48.0	12.0	42.4	8 200 *	23.0	50.5	9 000 *	27.6	53.6	9 300	34.0	57.3	8 500	39.2	59.8	7 600	43.8	61.5	6 800				48.0
50.0				15.4	44.8	8 600 *	21.6	49.2	8 800	29.2	54.0	8 000	35.1	57.2	7 100	40.1	59.2	6 400	44.4	60.5	5 600	50.0
52.0										23.5	50.0	7 500	30.5	54.0	6 700	36.0	56.7	6 000	40.7	58.4	5 300	52.0
54.0										16.1	44.4	7 000	25.1	50.3	6 300	31.5	53.7	5 600	36.7	55.9	4 900	54.0
56.0													18.3	45.2	5 900	26.3	50.1	5 200	32.3	52.9	4 600	56.0
58.0																20.0	45.4	4 900	27.3	49.5	4 300	58.0
60.0																			21.1	45.0	4 000	60.0
62.0																			12.5	38.4	3 800	62.0

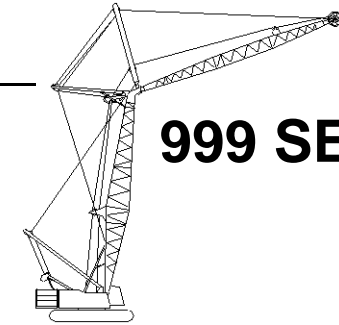


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)

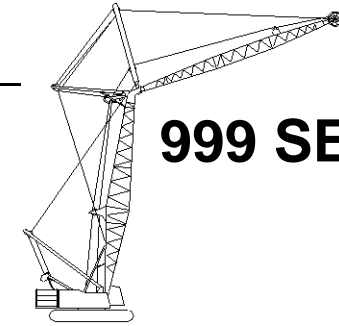
10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.8	80.2	19 200 *																			15.2
16.0	74.9	80.0	18 800 *																			16.0
18.0	72.4	79.4	17 800 *																			18.0
20.0	69.9	78.7	16 800 *																			20.0
22.0	67.4	77.9	15 800 *																			22.0
24.0	64.8	77.0	14 900 *	68.2	77.9	16 200 *																24.0
26.0	62.2	76.0	14 000 *	65.7	77.1	15 300 *	67.7	77.5	15 900 *													26.0
28.0	59.5	74.9	13 200 *	63.1	76.1	14 400 *	65.1	76.6	15 000 *													28.0
30.0	56.8	73.7	12 400 *	60.4	75.0	13 500 *	62.5	75.6	14 200 *													30.0
32.0	53.9	72.3	11 600 *	57.7	73.8	12 700 *	59.8	74.5	13 400 *													32.0
34.0	50.9	70.8	10 900 *	54.8	72.5	12 000 *	57.1	73.3	12 600 *	60.6	74.2	13 300										34.0
36.0	47.9	69.1	10 300 *	51.9	71.0	11 200 *	54.2	71.9	11 900 *	57.9	73.0	12 400										36.0
38.0	44.6	67.1	9 600 *	48.9	69.4	10 600 *	51.3	70.4	11 100 *	55.1	71.7	11 600										38.0
40.0	41.1	65.0	9 000 *	45.7	67.5	9 900 *	48.2	68.7	10 400 *	52.1	70.2	10 900	55.8	71.2	9 900							40.0
42.0	37.4	62.5	8 500 *	42.3	65.4	9 300 *	45.0	66.8	9 800 *	49.1	68.6	10 200	52.9	69.8	9 200							42.0
44.0	33.4	59.7	8 000 *	38.7	63.1	8 700 *	41.5	64.7	9 200 *	45.9	66.8	9 500	49.9	68.2	8 500							44.0
46.0	28.8	56.4	7 500 *	34.7	60.4	8 200 *	37.9	62.3	8 700 *	42.6	64.7	8 800	46.8	66.4	7 900	50.6	67.5	7 100				46.0
48.0	23.5	52.3	7 000 *	30.4	57.3	7 700 *	33.8	59.5	8 100 *	39.0	62.4	8 300	43.4	64.4	7 400	47.5	65.7	6 600				48.0
50.0	16.6	46.9	6 700 *	25.3	53.5	7 300 *	29.4	56.3	7 600 *	35.0	59.7	7 700	39.9	62.2	7 000	44.2	63.8	6 200				50.0
52.0				19.1	48.6	6 900 *	24.1	52.3	7 200 *	30.7	56.6	7 300	36.1	59.6	6 500	40.7	61.6	5 800	44.7	62.8	5 000	52.0
54.0							17.5	47.0	6 800 *	25.8	52.9	6 800	31.9	56.6	6 100	37.0	59.1	5 400	41.3	60.7	4 700	54.0
56.0										19.7	48.1	6 500	27.1	53.1	5 700	32.8	56.2	5 000	37.6	58.3	4 400	56.0
58.0													21.4	48.7	5 400	28.2	52.9	4 700	33.6	55.5	4 100	58.0
60.0													13.6	42.3	5 100	22.8	48.7	4 400	29.0	52.2	3 800	60.0
62.0																15.6	42.9	4 200	23.7	48.1	3 500	62.0
64.0																			17.0	42.8	3 300	64.0



999 SERIES 1

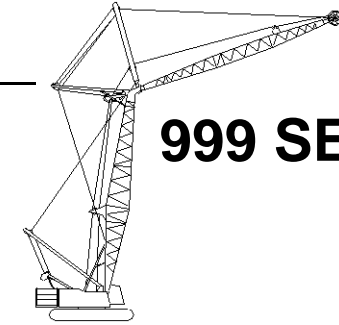
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m	
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
16.8	74.9	82.9	17 000 *																			16.8	
18.0	73.5	82.6	16 500 *																			18.0	
20.0	71.2	81.9	15 500 *																			20.0	
22.0	68.8	81.2	14 600 *																			22.0	
24.0	66.4	80.4	13 700 *	69.6	81.2	14 900 *																24.0	
26.0	64.0	79.5	12 900 *	67.2	80.4	14 100 *																26.0	
28.0	61.5	78.4	12 100 *	64.8	79.5	13 200 *	66.7	79.9	13 800 *													28.0	
30.0	58.9	77.3	11 300 *	62.3	78.5	12 400 *	64.3	79.0	13 000 *													30.0	
32.0	56.3	76.0	10 600 *	59.8	77.4	11 700 *	61.8	78.0	12 200 *													32.0	
34.0	53.6	74.6	9 900 *	57.2	76.2	10 900 *	59.2	76.9	11 500 *													34.0	
36.0	50.8	73.1	9 300 *	54.5	74.8	10 200 *	56.6	75.6	10 800 *	60.0	76.6	11 600 *										36.0	
38.0	47.9	71.4	8 600 *	51.7	73.3	9 600 *	53.9	74.2	10 100 *	57.4	75.4	11 000 *										38.0	
40.0	44.9	69.4	8 100 *	48.9	71.7	8 900 *	51.1	72.7	9 400 *	54.7	74.0	10 300 *										40.0	
42.0	41.6	67.3	7 500 *	45.9	69.8	8 300 *	48.2	71.0	8 800 *	52.0	72.5	9 600 *	55.4	73.5	9 000							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	8 400							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	7 800							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	7 300	50.5	69.8	6 400				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	6 800	47.5	68.0	6 000				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	6 400	44.5	66.1	5 600				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	5 900	41.2	63.9	5 200	45.0	65.1	4 500	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	5 500	37.7	61.5	4 900	41.8	63.0	4 200	56.0	
58.0										22.3	51.4	5 500 *	28.8	55.8	5 200	34.0	58.7	4 600	38.3	60.7	3 900	58.0	
60.0										15.5	45.6	5 000 *	23.8	51.8	4 900	29.8	55.5	4 300	34.6	58.0	3 600	60.0	
62.0													17.5	46.5	4 600	25.0	51.7	4 000	30.5	54.8	3 400	62.0	
64.0													7.2	37.4	4 400	19.1	46.7	3 700	25.8	51.1	3 100	64.0	
66.0																				20.2	46.4	2 900	66.0
68.0																				12.2	39.5	2 700	68.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

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

67 860 kg Counterweight

360 Degree Rating

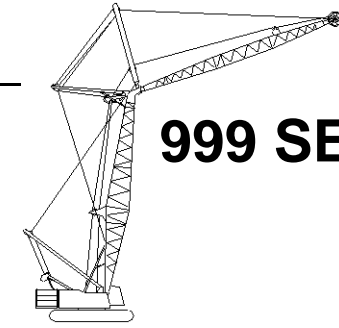
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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	41 400 b																			16.0
18.0	46.7	51.5	37 300	56.7	53.5	34 500 b																18.0
20.0	38.8	49.3	33 500	50.0	52.0	31 000 b	55.8	53.0	29 500 b													20.0
22.0	29.2	46.4	30 300	42.6	50.1	28 100	49.1	51.5	26 800 b	58.5	52.9	24 700 b										22.0
24.0	14.9	41.4	24 000 *	33.9	47.6	25 700	41.5	49.5	24 400	52.0	51.5	22 500										24.0
26.0				22.5	43.8	23 400	32.6	46.8	22 400	44.8	49.7	20 600	54.6	51.1	18 900 b							26.0
28.0							20.5	42.8	20 300	36.6	47.4	18 800	47.7	49.5	17 200							28.0
30.0										26.2	44.1	17 100	39.9	47.4	15 700							30.0
32.0										7.9	37.6	15 700	30.6	44.6	14 400	42.7	47.0	13 100				32.0
34.0																34.0	44.5	12 100	44.9	46.2	10 900	34.0
36.0																22.7	40.8	11 100	36.6	43.9	10 000	36.0
38.0																			26.4	40.6	9 300	38.0

REFERENCE ONLY!



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	64.9	58.0	39 700 *b																			13.7
14.0	64.2	57.9	39 400 *b																			14.0
16.0	58.8	56.8	37 300 *b																			16.0
18.0	53.2	55.5	35 200 *	61.3	57.0	34 000 b																18.0
20.0	47.0	53.8	33 000	55.8	55.8	30 500	60.6	56.6	29 100 b													20.0
22.0	40.2	51.7	29 900	49.9	54.3	27 600	55.0	55.3	26 300													22.0
24.0	32.3	49.0	27 400	43.4	52.4	25 300	49.1	53.8	24 000	57.4	55.2	22 100										24.0
26.0	21.9	45.0	24 500 *	36.1	50.0	23 200	42.5	51.8	22 100	51.6	53.8	20 300										26.0
28.0				27.1	46.8	21 300	35.0	49.3	20 300	45.4	52.0	18 700	53.9	53.4	17 100							28.0
30.0				13.5	41.4	19 400	25.7	45.9	18 500	38.3	49.8	17 100	47.8	51.8	15 600							30.0
32.0							10.5	39.8	17 000	29.9	46.8	15 600	41.1	49.8	14 300	50.0	51.2	13 000				32.0
34.0										18.4	42.4	14 400	33.4	47.1	13 200	43.5	49.3	12 000				34.0
36.0													23.5	43.4	12 200	36.2	46.9	11 000				36.0
38.0																27.2	43.7	10 200	38.4	46.3	9 200	38.0
40.0																			30.0	43.3	8 500	40.0
42.0																			18.5	38.9	7 900	42.0

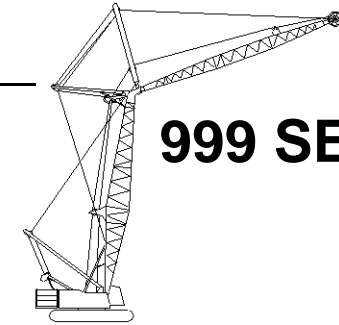


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

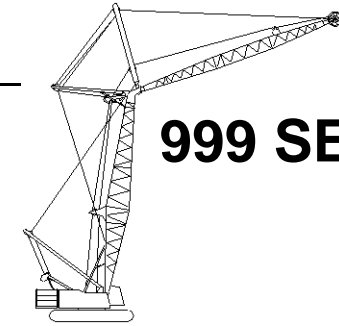
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jibb



999 SERIES 1

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	33 400 b																18.0
20.0	52.7	57.8	30 500 *	60.0	59.4	29 900	64.1	60.0	28 500 b													20.0
22.0	47.3	56.1	28 900	55.1	58.1	27 100	59.4	59.0	25 800													22.0
24.0	41.3	54.0	26 900	49.8	56.6	24 800	54.4	57.7	23 600													24.0
26.0	34.5	51.5	24 800	44.1	54.7	22 800	49.1	56.1	21 600	56.5	57.5	19 900										26.0
28.0	26.2	48.0	22 500 *	37.7	52.4	21 100	43.3	54.2	20 000	51.3	56.1	18 300										28.0
30.0	14.0	42.6	18 800 *	30.2	49.5	19 300	36.8	51.8	18 400	45.8	54.3	16 900	53.4	55.7	15 400							30.0
32.0				20.4	45.2	17 700	29.1	48.7	16 900	39.6	52.2	15 500	48.0	54.1	14 200							32.0
34.0							18.7	44.2	15 600	32.5	49.4	14 300	42.1	52.1	13 000	49.9	53.5	11 800				34.0
36.0										23.6	45.7	13 200	35.4	49.6	12 100	44.1	51.7	10 900				36.0
38.0										8.4	38.7	12 300	27.4	46.3	11 200	37.8	49.4	10 100				38.0
40.0																30.3	46.4	9 300	39.7	48.7	8 400	40.0
42.0																20.6	42.2	8 700	32.6	45.9	7 700	42.0
44.0																		7 200	23.7	42.2	7 200	44.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.2	64.6	34 000 *b																			13.7
14.0	69.6	64.5	33 700 *b																			14.0
16.0	65.5	63.7	31 700 *b																			16.0
18.0	61.3	62.7	29 900 *	67.4	63.8	32 500 b																18.0
20.0	57.0	61.5	28 200 *	63.3	62.9	29 300	66.9	63.4	28 000 b													20.0
22.0	52.3	60.1	26 700 *	59.0	61.8	26 500	62.7	62.4	25 300													22.0
24.0	47.4	58.4	25 300 *	54.5	60.5	24 200	58.4	61.3	23 000													24.0
26.0	42.1	56.4	24 100	49.7	58.9	22 300	53.9	60.0	21 100	60.2	61.1	19 400										26.0
28.0	36.1	53.9	22 300	44.6	57.0	20 600	49.0	58.4	19 500	55.8	59.9	17 900										28.0
30.0	29.1	50.8	20 300 *	38.9	54.8	19 100	43.9	56.5	18 100	51.1	58.4	16 500										30.0
32.0	20.1	46.4	18 600 *	32.5	52.0	17 600	38.1	54.2	16 700	46.1	56.6	15 300	53.0	58.1	13 900							32.0
34.0				24.6	48.4	16 200	31.5	51.3	15 400	40.6	54.5	14 100	48.1	56.4	12 800							34.0
36.0				12.9	42.5	15 000	23.4	47.5	14 300	34.4	51.9	13 000	42.8	54.4	11 800	49.8	55.8	10 600				36.0
38.0							10.4	40.9	13 200	27.1	48.5	12 100	36.9	52.0	10 900	44.6	54.0	9 800				38.0
40.0										17.1	43.6	11 200	30.1	49.0	10 200	39.0	51.7	9 100	46.1	53.1	8 100	40.0
42.0													21.5	44.9	9 500	32.6	49.0	8 400	40.7	51.0	7 500	42.0
44.0																24.7	45.3	7 900	34.5	48.4	7 000	44.0
46.0																			27.2	45.1	6 500	46.0
48.0																			17.2	40.2	6 100	48.0



Liftcrane Luffing Jib Capacities

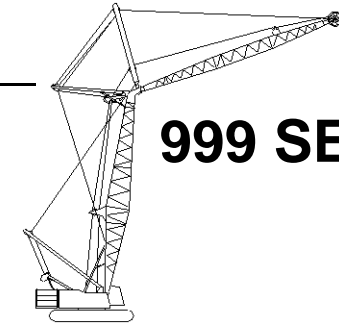
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

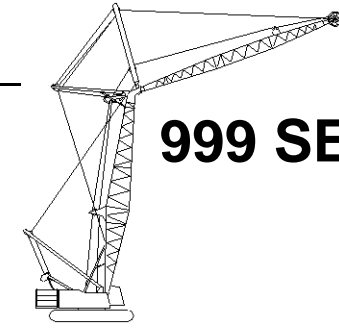
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jibb



999 SERIES 1

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	28 900																20.0
22.0	56.3	63.8	25 800 *	62.1	65.3	26 200	65.4	65.8	24 900													22.0
24.0	52.0	62.4	24 400 *	58.1	64.1	23 900	61.5	64.8	22 700													24.0
26.0	47.6	60.7	23 300 *	54.0	62.8	22 000	57.6	63.7	20 900													26.0
28.0	42.7	58.7	22 100	49.6	61.2	20 300	53.4	62.3	19 200	59.3	63.5	17 600										28.0
30.0	37.4	56.3	20 500	45.0	59.4	18 800	49.0	60.7	17 800	55.2	62.2	16 300										30.0
32.0	31.4	53.4	18 700 *	39.9	57.2	17 600	44.3	58.8	16 600	50.9	60.7	15 100	56.8	61.8	13 700							32.0
34.0	24.0	49.6	17 100 *	34.3	54.5	16 200	39.2	56.6	15 400	46.4	58.9	14 100	52.6	60.4	12 700							34.0
36.0	13.4	43.7	14 500 *	27.6	51.2	15 000	33.4	53.8	14 200	41.4	56.9	13 000	48.2	58.7	11 700							36.0
38.0				19.0	46.5	13 900	26.6	50.4	13 200	36.0	54.4	12 100	43.4	56.8	10 900	49.7	58.1	9 800				38.0
40.0							17.5	45.4	12 300	29.7	51.3	11 200	38.2	54.4	10 100	45.1	56.3	9 000				40.0
42.0										21.8	47.1	10 500	32.2	51.6	9 400	40.0	54.1	8 400				42.0
44.0										8.8	39.8	9 800	25.1	47.9	8 800	34.3	51.5	7 800	41.5	53.4	6 900	44.0
46.0																27.7	48.1	7 300	36.0	50.9	6 400	46.0
48.0																19.1	43.5	6 800	29.7	47.8	6 000	48.0
50.0																			21.9	43.6	5 600	50.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.6	71.0	26 500 *b																			13.7
14.0	73.1	70.9	26 400 *b																			14.0
16.0	69.8	70.3	25 600 *																			16.0
18.0	66.4	69.5	24 400 *																			18.0
20.0	63.0	68.5	23 100 *	68.0	69.6	25 200 *																20.0
22.0	59.4	67.4	21 900 *	64.6	68.7	23 900 *																22.0
24.0	55.7	66.2	20 800 *	61.0	67.7	22 700 *	64.1	68.3	22 500													24.0
26.0	51.8	64.7	19 700 *	57.4	66.5	21 500	60.6	67.2	20 600													26.0
28.0	47.7	63.0	18 700 *	53.6	65.1	20 100	56.9	66.0	19 000													28.0
30.0	43.3	61.0	17 800 *	49.6	63.5	18 600	53.1	64.6	17 600	58.5	65.8	16 100										30.0
32.0	38.5	58.7	17 100 *	45.3	61.7	17 300	49.0	63.0	16 400	54.7	64.5	14 900										32.0
34.0	33.2	55.9	16 300 *	40.7	59.5	16 200	44.7	61.1	15 300	50.8	63.0	13 900	56.2	64.1	12 600							34.0
36.0	26.9	52.5	15 700 *	35.7	57.0	15 000	40.1	58.9	14 200	46.6	61.2	13 000	52.3	62.7	11 700							36.0
38.0	18.8	47.7	14 700 *	29.9	53.9	13 900	35.0	56.3	13 200	42.1	59.2	12 000	48.2	61.0	10 900							38.0
40.0				22.8	49.8	13 000	29.0	53.1	12 300	37.2	56.8	11 200	43.9	59.1	10 100	49.6	60.4	9 000				40.0
42.0				12.5	43.6	12 100	21.7	48.9	11 500	31.7	53.9	10 400	39.2	56.8	9 400	45.4	58.6	8 300				42.0
44.0							10.4	41.9	10 800	25.0	50.2	9 800	33.9	54.1	8 800	40.8	56.5	7 800				44.0
46.0										16.1	44.8	9 100	27.8	50.8	8 200	35.7	53.9	7 300	42.1	55.7	6 400	46.0
48.0													20.0	46.3	7 700	30.0	50.8	6 800	37.2	53.3	5 900	48.0
50.0																22.9	46.8	6 400	31.7	50.4	5 500	50.0
52.0																			25.1	46.7	5 200	52.0
54.0																			16.2	41.4	4 800	54.0

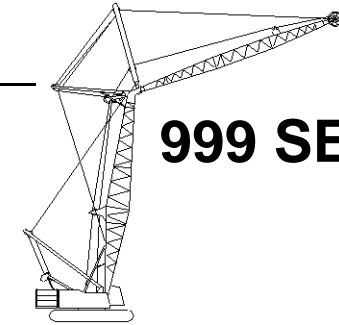


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

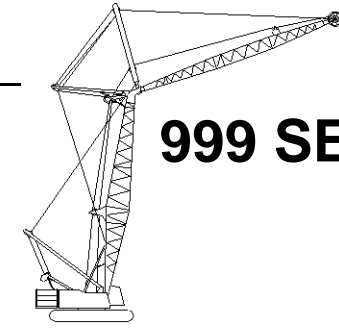
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	20 200													26.0
28.0	51.6	67.0	17 400 *	56.8	68.8	19 000 *	59.7	69.6	18 700													28.0
30.0	47.8	65.3	16 500 *	53.2	67.4	18 000 *	56.3	68.3	17 300	61.1	69.4	15 700										30.0
32.0	43.8	63.3	15 700 *	49.5	65.8	17 000	52.8	66.9	16 100	57.8	68.2	14 600										32.0
34.0	39.4	61.1	15 000 *	45.6	64.0	15 800	49.0	65.3	15 000	54.3	66.8	13 600										34.0
36.0	34.6	58.4	14 300 *	41.4	61.9	14 800	45.1	63.4	14 000	50.6	65.3	12 700	55.6	66.4	11 500							36.0
38.0	29.1	55.2	13 700 *	36.8	59.4	13 800	40.8	61.3	13 100	46.8	63.5	11 900	52.1	65.0	10 700							38.0
40.0	22.5	51.1	13 200 *	31.7	56.5	12 800	36.2	58.8	12 200	42.7	61.5	11 000	48.3	63.3	9 900							40.0
42.0	12.9	44.8	11 700 *	25.7	52.8	12 000	31.0	55.7	11 400	38.2	59.2	10 300	44.3	61.4	9 200	49.6	62.7	8 200				42.0
44.0				17.9	47.8	11 300	24.8	52.0	10 600	33.3	56.4	9 600	40.0	59.2	8 600	45.7	60.9	7 600				44.0
46.0							16.6	46.7	10 000	27.5	53.0	9 000	35.2	56.6	8 000	41.5	58.8	7 100	46.8	60.0	6 200	46.0
48.0										20.4	48.5	8 500	29.9	53.5	7 500	36.9	56.3	6 600	42.7	58.0	5 800	48.0
50.0										9.0	40.9	7 900	23.4	49.5	7 100	31.8	53.4	6 200	38.2	55.7	5 400	50.0
52.0																25.8	49.8	5 800	33.3	52.9	5 000	52.0
54.0																18.0	44.8	5 400	27.6	49.5	4 700	54.0
56.0																			20.5	45.0	4 400	56.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	76.0	77.3	23 100 *b																			13.7
14.0	75.6	77.3	23 000 *b																			14.0
16.0	72.8	76.7	22 000 *																			16.0
18.0	70.0	76.0	20 800 *																			18.0
20.0	67.1	75.2	19 800 *																			20.0
22.0	64.1	74.3	18 700 *	68.4	75.3	20 400 *																22.0
24.0	61.1	73.3	17 700 *	65.5	74.5	19 300 *																24.0
26.0	58.0	72.1	16 700 *	62.5	73.5	18 300 *	65.1	74.1	19 100 *													26.0
28.0	54.8	70.8	15 900 *	59.4	72.4	17 400 *	62.1	73.1	18 100 *													28.0
30.0	51.4	69.3	15 000 *	56.2	71.1	16 400 *	59.0	71.9	16 900 *													30.0
32.0	47.9	67.6	14 200 *	53.0	69.7	15 600 *	55.8	70.7	15 700 *	60.3	71.7	14 200										32.0
34.0	44.1	65.7	13 500 *	49.5	68.1	14 800 *	52.5	69.2	14 600 *	57.2	70.5	13 200										34.0
36.0	40.1	63.5	12 800 *	45.9	66.3	14 000 *	49.0	67.6	13 700 *	53.9	69.2	12 300										36.0
38.0	35.8	60.9	12 100 *	42.0	64.2	13 300 *	45.4	65.7	12 800 *	50.5	67.6	11 600	55.2	68.8	10 400							38.0
40.0	30.9	57.8	11 500 *	37.8	61.8	12 600 *	41.5	63.6	12 000 *	46.9	65.8	10 800	51.8	67.3	9 700							40.0
42.0	25.2	54.1	11 000 *	33.2	59.0	11 900 *	37.2	61.2	11 200 *	43.1	63.8	10 100	48.3	65.6	9 000							42.0
44.0	17.8	49.0	10 600 *	27.9	55.6	11 100 *	32.5	58.3	10 500 *	39.1	61.6	9 400	44.6	63.7	8 400	49.6	65.0	7 400				44.0
46.0				21.5	51.3	10 400 *	27.1	54.8	9 800 *	34.6	58.9	8 800	40.7	61.5	7 800	45.9	63.2	6 900				46.0
48.0				12.2	44.7	9 800 *	20.5	50.3	9 200 *	29.5	55.7	8 200	36.4	59.0	7 300	42.1	61.1	6 400				48.0
50.0							10.3	43.0	8 600 *	23.5	51.7	7 700	31.6	56.1	6 800	37.9	58.8	5 900	43.2	60.4	5 100	50.0
52.0										15.4	46.0	7 300	26.0	52.4	6 400	33.3	56.0	5 600	39.1	58.1	4 800	52.0
54.0													18.9	47.6	6 000	28.0	52.6	5 200	34.6	55.4	4 400	54.0
56.0																21.6	48.2	4 900	29.6	52.2	4 100	56.0
58.0																			23.5	48.2	3 800	58.0
60.0																			15.5	42.6	3 600	60.0

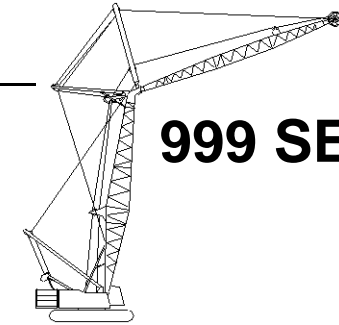


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.0	80.1	20 800 *																			15.2
16.0	74.0	79.9	20 400 *																			16.0
18.0	71.4	79.3	19 300 *																			18.0
20.0	68.7	78.5	18 300 *																			20.0
22.0	66.0	77.7	17 300 *	69.9	78.6	18 800 *																22.0
24.0	63.2	76.7	16 300 *	67.2	77.8	17 800 *																24.0
26.0	60.3	75.7	15 400 *	64.5	76.9	16 900 *	66.8	77.4	17 600 *													26.0
28.0	57.4	74.5	14 600 *	61.7	75.9	16 000 *	64.1	76.5	16 800 *													28.0
30.0	54.4	73.1	13 800 *	58.8	74.7	15 100 *	61.3	75.4	15 900 *													30.0
32.0	51.2	71.6	13 000 *	55.8	73.5	14 300 *	58.4	74.3	15 000 *	62.5	75.2	14 000										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	13 000										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	12 200										36.0
38.0	40.8	65.8	11 000 *	46.1	68.6	12 000 *	49.0	69.9	12 600	53.6	71.5	11 400										38.0
40.0	36.8	63.3	10 400 *	42.5	66.5	11 400 *	45.6	68.0	11 900	50.4	69.9	10 700	54.8	71.1	9 500							40.0
42.0	32.4	60.4	9 800 *	38.6	64.2	10 700 *	42.0	65.9	11 100	47.1	68.1	10 000	51.7	69.6	8 900							42.0
44.0	27.3	56.9	9 300 *	34.4	61.5	10 200 *	38.1	63.6	10 400	43.6	66.2	9 300	48.4	67.9	8 300							44.0
46.0	21.2	52.5	8 800 *	29.7	58.3	9 600 *	33.8	60.8	9 700	39.8	63.9	8 700	44.9	66.0	7 700	49.5	67.3	6 800				46.0
48.0	12.6	45.9	8 400 *	24.2	54.4	9 200 *	29.0	57.5	9 100	35.7	61.3	8 200	41.3	63.9	7 200	46.1	65.5	6 300				48.0
50.0				17.1	49.1	8 700 *	23.3	53.5	8 600	31.1	58.3	7 600	37.3	61.4	6 800	42.5	63.5	5 900				50.0
52.0							15.9	47.9	8 100	25.9	54.6	7 200	33.0	58.6	6 400	38.7	61.1	5 500	43.6	62.7	4 700	52.0
54.0										19.4	49.8	6 800	28.0	55.2	6 000	34.5	58.4	5 100	39.8	60.4	4 400	54.0
56.0										9.2	42.0	6 400	22.1	50.9	5 600	29.8	55.3	4 800	35.7	57.8	4 000	56.0
58.0																24.3	51.3	4 500	31.2	54.8	3 800	58.0
60.0																17.2	46.0	4 200	25.9	51.1	3 500	60.0
62.0																			19.4	46.4	3 300	62.0
64.0																			9.3	38.5	3 100	64.0

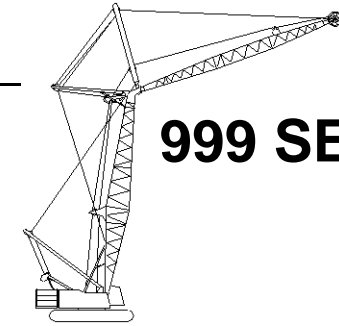


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

**Maximum Operating Wind Speeds
 (all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.9	83.2	19 100 *																			15.2
16.0	75.0	83.0	18 800 *																			16.0
18.0	72.6	82.5	17 700 *																			18.0
20.0	70.1	81.8	16 800 *																			20.0
22.0	67.6	81.0	15 800 *																			22.0
24.0	65.0	80.1	14 900 *	68.7	81.1	16 300 *																24.0
26.0	62.4	79.1	14 000 *	66.2	80.3	15 400 *																26.0
28.0	59.7	78.0	13 200 *	63.6	79.3	14 500 *	65.8	79.8	15 200 *													28.0
30.0	56.9	76.8	12 400 *	60.9	78.3	13 700 *	63.2	78.9	14 400 *													30.0
32.0	54.1	75.4	11 700 *	58.2	77.1	12 900 *	60.5	77.8	13 600 *													32.0
34.0	51.1	73.9	10 900 *	55.4	75.8	12 100 *	57.8	76.6	12 800 *	61.7	77.6	12 700										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	11 800										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	11 100										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	10 300	57.3	74.8	9 200							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	9 700	54.4	73.4	8 600							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	9 100	51.5	71.9	8 000							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	8 500	48.4	70.2	7 500	52.5	71.2	6 600				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	8 000	45.2	68.3	7 000	49.5	69.6	6 100				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	7 500	41.8	66.2	6 600	46.3	67.8	5 700				50.0
52.0				20.4	52.7	6 900 *	25.6	56.4	7 400 *	32.5	60.9	7 000	38.1	63.8	6 100	43.0	65.8	5 300	47.2	67.0	4 500	52.0
54.0				12.0	45.8	6 600 *	19.5	51.6	6 900 *	27.8	57.4	6 600	34.1	61.1	5 700	39.4	63.5	4 900	43.9	65.0	4 100	54.0
56.0							10.3	44.1	6 600 *	22.3	53.1	6 200	29.7	57.9	5 400	35.5	60.9	4 600	40.4	62.8	3 800	56.0
58.0										14.9	47.2	5 800	24.5	54.0	5 100	31.3	57.9	4 300	36.7	60.3	3 600	58.0
60.0													18.1	48.9	4 700	26.4	54.2	4 000	32.5	57.4	3 300	60.0
62.0																20.5	49.6	3 700	27.9	53.9	3 000	62.0
64.0																12.1	42.8	3 500	22.3	49.7	2 900	64.0
66.0																			14.9	43.7	2 600	66.0

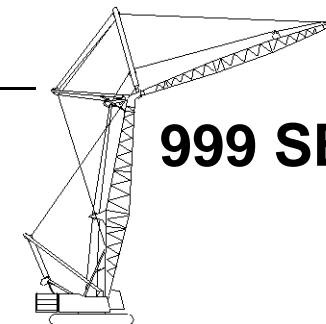


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

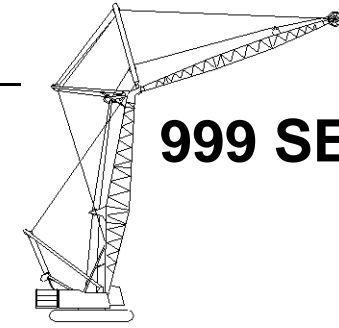
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	11 500										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	10 700										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	10 100										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	9 400	56.8	77.1	8 300							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	8 800	54.1	75.7	7 800							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	8 300	51.3	74.2	7 300							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	7 800	48.5	72.5	6 900							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	7 300	45.4	70.6	6 400	49.5	71.9	5 500				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	6 800	42.2	68.6	5 900	46.5	70.1	5 100				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	6 400	38.8	66.2	5 600	43.3	68.1	4 700				54.0
56.0				16.4	50.3	5 000 *	22.2	54.9	5 500 *	29.4	60.1	6 000	35.2	63.6	5 200	40.0	65.9	4 400	44.2	67.3	3 700	56.0
58.0							15.3	49.0	5 000 *	24.5	56.2	5 600	31.1	60.5	4 900	36.4	63.3	4 100	41.0	65.1	3 400	58.0
60.0										18.5	51.1	5 200 *	26.5	56.9	4 600	32.5	60.4	3 800	37.5	62.7	3 100	60.0
62.0										9.3	43.0	4 800 *	21.0	52.3	4 300	28.2	57.0	3 600	33.7	59.9	2 900	62.0
64.0													13.6	45.9	4 000	23.0	52.8	3 400	29.5	56.6	2 700	64.0
66.0																16.5	47.3	3 100	24.6	52.7	2 400	66.0
68.0																			18.6	47.7	2 300	68.0
70.0																			9.4	39.6	2 100	70.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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	41 100 b																			16.0
18.0	47.1	54.6	36 500	57.9	56.8	33 600 b																18.0
20.0	39.3	52.5	32 900	51.3	55.3	30 100 b	57.5	56.4	28 600 b													20.0
22.0	29.8	49.6	29 900	44.0	53.5	27 300	50.9	54.9	25 900 b	61.0	56.3	23 700 b										22.0
24.0	16.0	44.9	24 600	35.6	51.1	25 000	43.6	53.1	23 700	54.6	55.0	21 600 b										24.0
26.0				25.0	47.7	23 000	35.1	50.6	21 800	47.7	53.4	19 800										26.0
28.0							24.3	47.1	20 000	40.0	51.3	18 200	51.4	53.3	16 500 b							28.0
30.0										30.7	48.5	16 700	44.1	51.4	15 200							30.0
32.0										17.5	44.0	15 300	35.7	49.1	13 900	47.6	51.1	12 500				32.0
34.0													25.1	45.6	12 800	39.8	49.0	11 400				34.0
36.0																30.4	46.1	10 500	43.0	48.4	9 400	36.0
38.0																17.1	41.6	9 700	34.5	45.9	8 600	38.0
40.0																			23.3	42.2	8 000	40.0

REFERENCED!

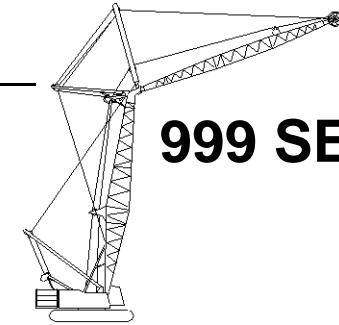


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

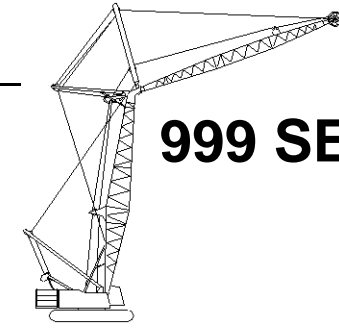


999 SERIES 1

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	33 000 b																18.0
20.0	47.4	56.9	32 400	56.8	59.1	29 700 b	62.0	59.9	28 200 b													20.0
22.0	40.6	54.9	29 400	51.0	57.6	26 900	56.5	58.7	25 500 b													22.0
24.0	32.7	52.2	26 900	44.7	55.8	24 600	50.7	57.2	23 300	59.6	58.6	21 200 b										24.0
26.0	22.6	48.4	24 800	37.5	53.5	22 600	44.3	55.4	21 400	54.0	57.3	19 500										26.0
28.0				28.9	50.5	20 900	37.1	53.1	19 800	47.9	55.7	17 900										28.0
30.0				16.8	45.7	19 200	28.4	50.0	18 300	41.2	53.7	16 600	51.1	55.6	15 000							30.0
32.0							15.9	45.0	16 700	33.4	51.0	15 300	44.7	53.8	13 800							32.0
34.0										23.6	47.4	14 100	37.6	51.5	12 700	47.7	53.4	11 400				34.0
36.0													29.0	48.4	11 700	41.0	51.3	10 500				36.0
38.0													17.0	43.7	10 800	33.2	48.7	9 700				38.0
40.0																23.3	45.0	9 000	36.5	48.3	7 900	40.0
42.0																			27.7	45.1	7 300	42.0
44.0																			14.6	39.9	6 800	44.0

REFERENCE ONLY!



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	68.1	64.4	36 200 *b																			13.7
14.0	67.5	64.3	35 900 *b																			14.0
16.0	62.9	63.4	34 000 *b																			16.0
18.0	58.1	62.3	32 100 *	65.6	63.7	32 400 b																18.0
20.0	53.0	60.9	30 500 *	60.9	62.7	29 100	65.3	63.3	27 600 b													20.0
22.0	47.6	59.2	28 800	56.0	61.4	26 400	60.6	62.3	25 000 b													22.0
24.0	41.6	57.2	26 400	50.8	59.9	24 100	55.7	61.0	22 800													24.0
26.0	34.8	54.7	24 300	45.2	58.1	22 200	50.5	59.5	21 000	58.5	61.0	19 100										26.0
28.0	26.7	51.3	22 500	38.9	55.9	20 500	44.8	57.7	19 400	53.4	59.6	17 600										28.0
30.0	14.9	46.0	19 100 *	31.7	53.1	19 100	38.6	55.5	18 000	48.0	58.0	16 300										30.0
32.0				22.5	49.2	17 600	31.3	52.6	16 600	42.1	56.0	15 100	50.8	57.9	13 600							32.0
34.0							21.9	48.6	15 400	35.4	53.5	13 900	45.2	56.1	12 500							34.0
36.0										27.4	50.3	12 900	39.0	53.9	11 600	47.9	55.7	10 300				36.0
38.0										16.2	45.3	11 900	31.8	51.0	10 700	42.0	53.7	9 500				38.0
40.0													22.6	47.1	10 000	35.3	51.2	8 800	44.4	53.0	7 700	40.0
42.0																27.2	47.9	8 200	38.1	50.7	7 200	42.0
44.0																15.8	42.8	7 600	30.7	47.8	6 700	44.0
46.0																			21.1	43.7	6 200	46.0

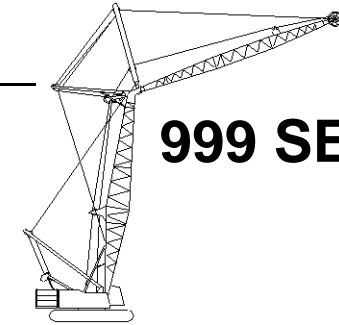


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

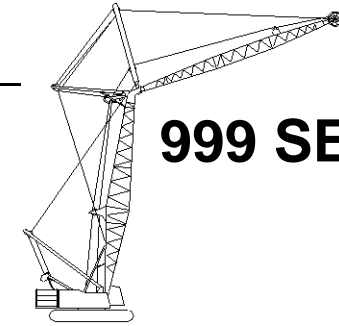
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	31 700 b																18.0
20.0	57.2	64.6	28 200 *	64.0	66.1	28 500																20.0
22.0	52.6	63.2	26 700 *	59.8	65.0	25 800	63.8	65.7	24 500													22.0
24.0	47.7	61.5	25 400 *	55.3	63.7	23 600	59.5	64.6	22 300													24.0
26.0	42.4	59.5	23 800	50.6	62.2	21 700	55.1	63.4	20 500	61.9	64.5	18 600										26.0
28.0	36.5	57.1	22 000	45.6	60.4	20 000	50.3	61.8	18 900	57.6	63.3	17 100										28.0
30.0	29.6	54.0	20 400	40.0	58.3	18 600	45.3	60.0	17 500	53.0	62.0	15 800										30.0
32.0	20.7	49.8	18 700 *	33.8	55.6	17 400	39.7	57.8	16 300	48.1	60.3	14 700	55.4	61.7	13 100							32.0
34.0				26.2	52.2	16 000	33.4	55.1	15 200	42.8	58.3	13 700	50.7	60.2	12 300							34.0
36.0				15.7	46.9	14 900	25.8	51.6	14 000	37.0	55.9	12 700	45.6	58.4	11 300							36.0
38.0							14.9	46.2	13 000	30.2	52.9	11 700	40.1	56.2	10 500	48.0	58.0	9 200				38.0
40.0										21.6	48.8	10 900	33.8	53.6	9 700	42.7	56.0	8 600				40.0
42.0													26.3	50.1	9 100	36.8	53.6	7 900	44.9	55.3	6 900	42.0
44.0													15.8	44.9	8 400	30.0	50.6	7 400	39.3	53.1	6 400	44.0
46.0																21.3	46.4	6 900	32.9	50.3	5 900	46.0
48.0																			25.1	46.7	5 500	48.0
50.0																			13.8	41.1	5 100	50.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.2	70.9	31 800 *b																			13.7
14.0	71.7	70.8	31 600 *b																			14.0
16.0	68.1	70.1	30 000 *b																			16.0
18.0	64.3	69.2	28 600 *																			18.0
20.0	60.5	68.2	27 200 *	66.6	69.4	28 100																20.0
22.0	56.5	66.9	25 800 *	62.8	68.5	25 500	66.4	69.1	24 100													22.0
24.0	52.3	65.5	24 400 *	58.9	67.4	23 300	62.6	68.1	22 000													24.0
26.0	47.8	63.8	23 300	54.8	66.1	21 400	58.6	67.0	20 200													26.0
28.0	43.0	61.9	21 700	50.5	64.5	19 700	54.5	65.7	18 600	60.8	66.9	16 900										28.0
30.0	37.7	59.5	20 200	45.9	62.8	18 300	50.2	64.1	17 300	56.8	65.7	15 600										30.0
32.0	31.7	56.6	18 800	40.9	60.6	17 100	45.6	62.3	16 100	52.6	64.3	14 500										32.0
34.0	24.5	52.9	17 200 *	35.4	58.1	16 000	40.6	60.2	15 000	48.2	62.6	13 500	54.8	64.0	12 100							34.0
36.0	14.1	47.2	14 800 *	29.0	54.9	14 800	35.0	57.6	14 000	43.4	60.7	12 600	50.5	62.5	11 200							36.0
38.0				20.8	50.6	13 800	28.6	54.4	13 000	38.2	58.3	11 700	45.9	60.7	10 400							38.0
40.0							20.3	50.0	12 100	32.3	55.5	10 900	41.0	58.6	9 700	48.1	60.3	8 500				40.0
42.0										25.2	51.9	10 100	35.4	56.0	9 000	43.3	58.3	7 900				42.0
44.0										15.3	46.4	9 500	29.0	52.9	8 400	38.1	56.0	7 300				44.0
46.0													20.9	48.6	7 900	32.1	53.1	6 900	40.2	55.5	5 900	46.0
48.0																25.0	49.5	6 400	34.6	52.8	5 500	48.0
50.0																14.9	44.0	6 000	28.0	49.6	5 100	50.0
52.0																			19.6	45.0	4 800	52.0

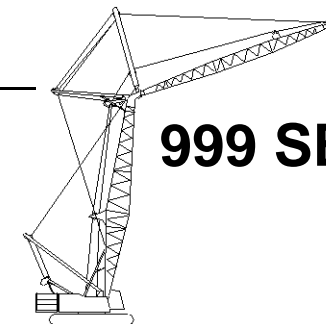


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

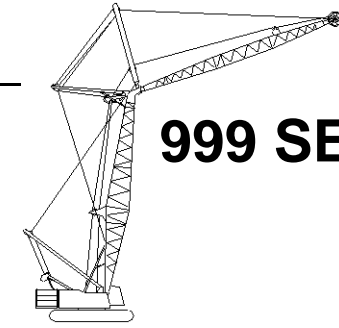
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	21 800													24.0
26.0	52.0	67.8	19 700 *	58.1	69.7	21 100	61.5	70.5	20 000													26.0
28.0	47.9	66.1	18 800 *	54.3	68.4	19 500	57.9	69.3	18 400													28.0
30.0	43.5	64.2	17 900 *	50.4	66.8	18 100	54.1	68.0	17 100	59.9	69.3	15 400										30.0
32.0	38.8	61.9	17 100 *	46.2	65.1	16 900	50.1	66.4	15 900	56.2	68.0	14 300										32.0
34.0	33.5	59.2	16 300 *	41.6	63.0	15 800	45.9	64.6	14 800	52.3	66.6	13 300										34.0
36.0	27.3	55.7	15 700 *	36.7	60.5	14 800	41.4	62.5	13 900	48.3	64.9	12 400	54.3	66.3	11 100							36.0
38.0	19.3	51.1	14 800 *	31.0	57.5	13 800	36.4	60.1	13 000	43.9	63.0	11 700	50.4	64.8	10 400							38.0
40.0				24.3	53.7	12 800	30.7	57.0	12 100	39.2	60.7	10 900	46.2	63.0	9 700	52.2	64.2	8 500				40.0
42.0				15.0	48.1	12 000	23.9	53.2	11 300	33.9	58.0	10 100	41.7	60.9	9 000	48.2	62.6	7 900				42.0
44.0							14.3	47.4	10 600	27.8	54.7	9 400	36.7	58.5	8 400	43.8	60.6	7 300				44.0
46.0										20.1	50.2	8 800	31.1	55.5	7 800	39.1	58.4	6 800	45.6	59.9	5 800	46.0
48.0													24.4	51.7	7 300	33.8	55.7	6 300	41.0	57.8	5 400	48.0
50.0													15.0	46.1	6 900	27.7	52.3	5 900	36.0	55.3	5 000	50.0
52.0																19.9	47.8	5 500	30.3	52.2	4 700	52.0
54.0																			23.3	48.3	4 400	54.0
56.0																			13.3	42.2	4 100	56.0



999 SERIES 1

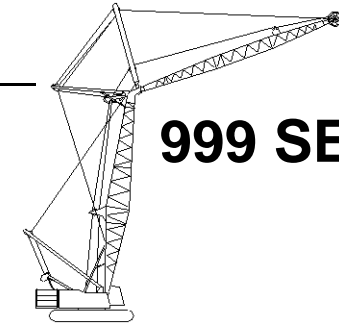
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.0	77.3	24 500 *b																			13.7
14.0	74.6	77.2	24 400 *b																			14.0
16.0	71.6	76.6	23 700 *																			16.0
18.0	68.5	75.9	22 500 *																			18.0
20.0	65.4	75.0	21 400 *	70.3	76.0	23 300 *																20.0
22.0	62.1	74.0	20 300 *	67.2	75.2	22 300 *																22.0
24.0	58.8	72.9	19 300 *	64.1	74.3	21 200 *																24.0
26.0	55.4	71.6	18 300 *	60.8	73.3	20 100 *	63.9	73.9	19 600													26.0
28.0	51.8	70.1	17 400 *	57.4	72.1	19 100	60.6	72.9	18 000													28.0
30.0	48.0	68.4	16 600 *	53.9	70.7	17 800	57.2	71.7	16 700													30.0
32.0	44.0	66.5	15 800 *	50.2	69.1	16 600	53.7	70.3	15 600	59.1	71.6	14 000										32.0
34.0	39.6	64.3	15 000 *	46.4	67.4	15 400	50.0	68.7	14 500	55.7	70.3	13 000										34.0
36.0	34.9	61.6	14 400 *	42.2	65.3	14 500	46.2	66.9	13 600	52.1	68.9	12 200										36.0
38.0	29.4	58.5	13 800 *	37.7	62.9	13 600	42.0	64.9	12 700	48.3	67.2	11 400										38.0
40.0	22.9	54.4	13 200 *	32.7	60.1	12 700	37.5	62.5	12 000	44.3	65.3	10 700	53.9	68.6	10 100							40.0
42.0	13.6	48.3	12 000 *	26.9	56.6	11 900	32.4	59.6	11 200	40.0	63.1	10 000	46.4	65.3	8 800							42.0
44.0				19.6	51.9	11 100	26.5	56.1	10 500	35.3	60.5	9 300	42.3	63.2	8 200	48.2	64.9	7 100				44.0
46.0							19.1	51.3	9 800	29.9	57.4	8 700	37.8	60.9	7 700	44.2	63.0	6 600				46.0
48.0										23.5	53.4	8 200	32.8	58.0	7 200	39.9	60.7	6 200	45.9	62.2	5 200	48.0
50.0										14.6	47.6	7 700	26.9	54.6	6 700	35.2	58.1	5 800	41.7	60.1	4 900	50.0
52.0													19.6	49.9	6 300	29.8	55.0	5 400	37.1	57.7	4 500	52.0
54.0																23.3	51.0	5 000	32.0	54.8	4 200	54.0
56.0																14.3	45.1	4 700	26.1	51.2	3 900	56.0
58.0																		18.4	46.3	3 700		58.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

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

67 860 kg Counterweight

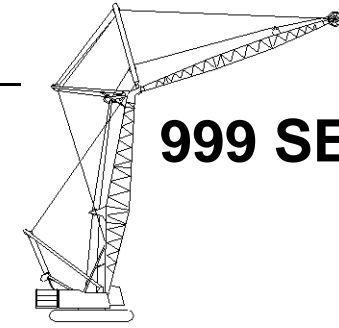
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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	19 200													26.0
28.0	54.9	73.9	15 900 *	60.0	75.6	17 500 *	62.9	76.3	17 600													28.0
30.0	51.6	72.4	15 100 *	56.8	74.4	16 600 *	59.8	75.3	16 300													30.0
32.0	48.1	70.7	14 300 *	53.6	73.0	15 700 *	56.7	74.0	15 200	61.5	75.1	13 600										32.0
34.0	44.3	68.8	13 500 *	50.2	71.4	14 900 *	53.4	72.6	14 100	58.4	74.0	12 700										34.0
36.0	40.4	66.6	12 800 *	46.6	69.7	14 100	50.0	71.0	13 200	55.2	72.7	11 800										36.0
38.0	36.0	64.1	12 200 *	42.7	67.6	13 200	46.4	69.2	12 400	51.9	71.2	11 000										38.0
40.0	31.2	61.1	11 600 *	38.6	65.3	12 500	42.5	67.2	11 700	48.4	69.5	10 400	53.6	70.9	9 100							40.0
42.0	25.5	57.4	11 100 *	34.1	62.6	11 700	38.4	64.9	10 900	44.7	67.6	9 700	50.2	69.4	8 500							42.0
44.0	18.3	52.4	10 600 *	29.0	59.3	10 900	33.8	62.1	10 300	40.7	65.4	9 100	46.6	67.6	8 000							44.0
46.0				22.8	55.2	10 200	28.6	58.8	9 600	36.4	62.9	8 500	42.8	65.6	7 400	48.3	67.2	6 400				46.0
48.0				14.4	49.3	9 700	22.4	54.6	9 000	31.6	60.0	8 000	38.7	63.3	6 900	44.6	65.3	6 000				48.0
50.0							13.7	48.5	8 500	26.0	56.3	7 500	34.1	60.5	6 500	40.6	63.1	5 500				50.0
52.0										19.0	51.5	7 000	29.0	57.3	6 100	36.3	60.6	5 200	42.2	62.5	4 300	52.0
54.0													22.9	53.2	5 700	31.5	57.6	4 800	38.1	60.1	4 000	54.0
56.0													14.5	47.2	5 300	25.9	53.9	4 500	33.5	57.3	3 700	56.0
58.0																18.8	49.1	4 200	28.2	54.0	3 400	58.0
60.0																			21.9	49.7	3 100	60.0
62.0																			12.9	43.3	2 900	62.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

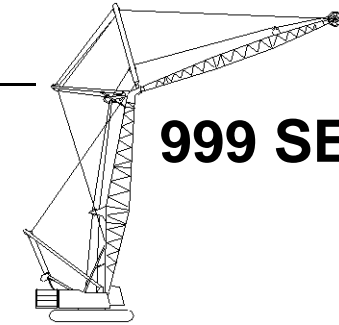
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.1	83.2	20 700 *																			15.2
16.0	74.1	83.0	20 300 *																			16.0
18.0	71.5	82.3	19 200 *																			18.0
20.0	68.8	81.6	18 300 *																			20.0
22.0	66.1	80.8	17 300 *																			22.0
24.0	63.3	79.8	16 400 *	67.7	81.0	18 000 *																24.0
26.0	60.5	78.8	15 500 *	65.0	80.1	17 000 *	67.6	80.6	17 800 *													26.0
28.0	57.6	77.6	14 600 *	62.2	79.1	16 100 *	64.8	79.7	16 900 *													28.0
30.0	54.6	76.2	13 800 *	59.3	78.0	15 200 *	62.0	78.7	16 000 *													30.0
32.0	51.4	74.7	13 000 *	56.3	76.7	14 400 *	59.1	77.6	15 000 *													32.0
34.0	48.1	73.0	12 300 *	53.3	75.3	13 600 *	56.2	76.3	13 900 *	60.7	77.5	12 400										34.0
36.0	44.7	71.1	11 600 *	50.1	73.7	12 900 *	53.1	74.9	13 000 *	57.8	76.3	11 600										36.0
38.0	41.0	69.0	11 000 *	46.7	72.0	12 200 *	49.9	73.3	12 200 *	54.8	75.0	10 800										38.0
40.0	37.0	66.5	10 400 *	43.2	70.0	11 500 *	46.5	71.5	11 500 *	51.7	73.5	10 200	56.4	74.7	8 900							40.0
42.0	32.6	63.6	9 800 *	39.4	67.7	10 900 *	43.0	69.5	10 800 *	48.4	71.8	9 500	53.3	73.3	8 300							42.0
44.0	27.6	60.2	9 300 *	35.2	65.1	10 300 *	39.2	67.2	10 200 *	45.0	69.9	9 000	50.1	71.7	7 800							44.0
46.0	21.6	55.8	8 900 *	30.6	62.0	9 800 *	35.0	64.6	9 500 *	41.3	67.8	8 400	46.8	69.9	7 300	51.6	71.2	6 300				46.0
48.0	13.2	49.4	8 500 *	25.3	58.2	9 200 *	30.4	61.5	8 900 *	37.3	65.3	7 900	43.2	67.9	6 800	48.3	69.5	5 900				48.0
50.0				18.6	53.2	8 800 *	25.0	57.7	8 400 *	33.0	62.5	7 400	39.4	65.6	6 400	44.9	67.6	5 500				50.0
52.0							18.1	52.6	7 900 *	28.1	59.1	6 900	35.3	63.0	6 000	41.2	65.4	5 100	46.3	66.8	4 200	52.0
54.0										22.1	54.8	6 500	30.7	59.9	5 600	37.2	63.0	4 700	42.7	64.8	3 900	54.0
56.0										14.1	48.7	6 100	25.3	56.2	5 300	32.9	60.1	4 400	38.9	62.5	3 600	56.0
58.0													18.6	51.2	4 900	27.9	56.7	4 100	34.7	59.8	3 300	58.0
60.0																22.0	52.4	3 900	30.0	56.7	3 100	60.0
62.0																13.8	46.2	3 600	24.5	52.8	2 900	62.0
64.0																			17.5	47.6	2 700	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

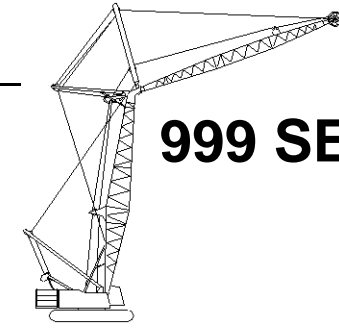
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.2	85.9	18 300 *																			16.8
18.0	72.7	85.5	17 700 *																			18.0
20.0	70.2	84.9	16 700 *																			20.0
22.0	67.7	84.1	15 800 *																			22.0
24.0	65.1	83.2	14 900 *	69.2	84.3	16 400 *																24.0
26.0	62.5	82.2	14 100 *	66.6	83.4	15 500 *																26.0
28.0	59.8	81.1	13 200 *	64.1	82.5	14 700 *	66.5	83.1	15 400 *													28.0
30.0	57.1	79.9	12 400 *	61.4	81.5	13 800 *	63.9	82.2	14 600 *													30.0
32.0	54.2	78.6	11 700 *	58.7	80.3	13 000 *	61.3	81.1	13 800 *													32.0
34.0	51.3	77.0	11 000 *	55.9	79.1	12 300 *	58.5	80.0	13 000 *													34.0
36.0	48.2	75.3	10 300 *	53.0	77.6	11 500 *	55.7	78.7	12 300 *	60.1	79.9	11 300										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	10 500										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	9 800										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	9 200	55.9	77.0	8 000							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	8 700	53.0	75.6	7 500							44.0
46.0	29.3	62.9	7 600 *	36.2	67.5	8 400 *	39.8	69.6	9 000 *	45.2	72.2	8 100	50.0	74.0	7 000							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	7 700	46.9	72.2	6 600	51.4	73.5	5 600				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	7 200	43.6	70.2	6 200	48.4	71.8	5 200				50.0
52.0				21.6	56.6	7 000 *	27.0	60.5	7 500 *	34.2	65.0	6 800	40.1	68.0	5 800	45.1	69.9	4 900				52.0
54.0				13.9	50.4	6 700 *	21.3	56.0	7 100 *	29.7	61.8	6 300	36.3	65.4	5 400	41.7	67.8	4 500	46.5	69.1	3 700	54.0
56.0							13.4	49.6	6 700 *	24.6	57.9	6 000	32.1	62.5	5 100	38.1	65.4	4 200	43.1	67.1	3 400	56.0
58.0										18.1	52.8	5 600	27.3	59.0	4 700	34.1	62.6	3 900	39.6	64.9	3 100	58.0
60.0													21.7	54.6	4 400	29.6	59.4	3 600	35.7	62.3	2 900	60.0
62.0													14.0	48.4	4 200	24.4	55.5	3 400	31.5	59.3	2 600	62.0
64.0																17.9	50.3	3 200	26.6	55.7	2 400	64.0
66.0																			20.8	51.1	2 200	66.0
68.0																			12.6	44.4	2 000	68.0



999 SERIES 1

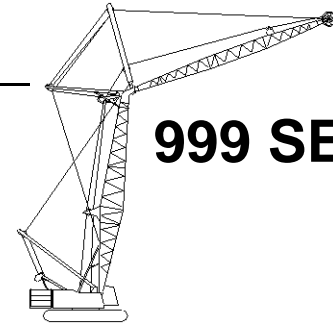
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.2	89.1	16 900 *																			16.8
18.0	73.7	88.7	16 300 *																			18.0
20.0	71.4	88.1	15 500 *																			20.0
22.0	69.1	87.4	14 600 *																			22.0
24.0	66.7	86.6	13 700 *																			24.0
26.0	64.2	85.7	12 900 *	68.1	86.8	14 300 *																26.0
28.0	61.8	84.6	12 100 *	65.7	85.9	13 500 *																28.0
30.0	59.2	83.5	11 400 *	63.2	84.9	12 700 *	65.5	85.5	13 400 *													30.0
32.0	56.6	82.3	10 700 *	60.7	83.9	11 900 *	63.1	84.6	12 600 *													32.0
34.0	53.9	80.9	10 000 *	58.2	82.7	11 200 *	60.6	83.5	11 900 *													34.0
36.0	51.1	79.3	9 300 *	55.5	81.4	10 500 *	58.0	82.3	11 200 *													36.0
38.0	48.2	77.6	8 700 *	52.8	79.9	9 800 *	55.4	81.0	10 500 *	59.4	82.2	10 200										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	9 500										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	8 900										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	8 400	55.5	79.3	7 300							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	7 900	52.8	77.9	6 800							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	7 400	50.0	76.3	6 300							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	7 000	47.0	74.5	5 900	51.3	75.8	4 900				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	6 600	43.9	72.5	5 600	48.4	74.1	4 600				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	6 200	40.6	70.3	5 200	45.4	72.2	4 300				54.0
56.0				17.8	54.5	5 100 *	23.7	59.2	5 600 *	31.1	64.4	5 800	37.1	67.9	4 900	42.2	70.1	4 000				56.0
58.0							17.4	53.8	5 100 *	26.6	60.8	5 400	33.3	65.0	4 600	38.8	67.8	3 700	43.5	69.5	2 900	58.0
60.0										21.1	56.3	5 100	29.0	61.7	4 300	35.1	65.1	3 500	40.2	67.2	2 700	60.0
62.0										13.7	49.9	4 800	24.0	57.7	4 000	31.0	62.0	3 200	36.6	64.7	2 500	62.0
64.0													17.8	52.5	3 800	26.4	58.4	3 000	32.7	61.8	2 300	64.0
66.0																20.9	53.8	2 800	28.4	58.4	2 000	66.0
68.0																13.4	47.4	2 600	23.3	54.3	1 900	68.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

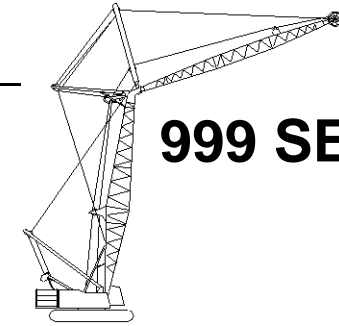
Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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	44 000 b																			14.0
16.0	54.4	59.4	40 400 b																			16.0
18.0	47.5	57.8	35 800	59.1	60.0	32 600 b																18.0
20.0	39.7	55.7	32 300	52.6	58.6	29 300 b	59.2	59.7	27 600 b													20.0
22.0	30.4	52.8	29 400	45.5	56.9	26 600	52.7	58.3	25 000 b													22.0
24.0	17.0	48.3	24 900	37.3	54.6	24 300	45.6	56.6	22 900	57.2	58.5	20 600 b										24.0
26.0				27.3	51.5	22 400	37.5	54.4	21 000	50.5	57.0	18 900 b										26.0
28.0							27.5	51.2	19 500	43.2	55.2	17 400	54.9	56.9	15 600 b							28.0
30.0										34.6	52.7	16 100	48.0	55.3	14 400							30.0
32.0										23.6	49.1	14 900	40.3	53.3	13 300	52.1	54.9	11 700 b				32.0
34.0													31.0	50.5	12 200	44.9	53.1	10 800				34.0
36.0													18.1	46.1	11 200	36.7	50.8	9 900				36.0
38.0																26.4	47.6	9 100	41.1	50.5	7 900	38.0
40.0																			32.1	47.8	7 300	40.0
42.0																			19.8	43.7	6 700	42.0

REFERENCE ONLY!



999 SERIES 1

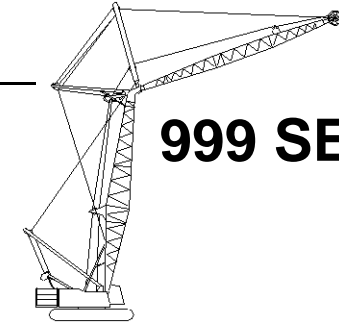
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	65.5	64.2	39 900 *b																			13.7
14.0	64.7	64.1	39 500 *b																			14.0
16.0	59.4	63.0	37 300 *b																			16.0
18.0	53.8	61.7	35 000	63.3	63.5	32 100 b																18.0
20.0	47.7	60.1	31 700	57.9	62.4	28 800 b	63.4	63.2	27 200 b													20.0
22.0	41.0	58.0	28 800	52.1	61.0	26 200	58.0	62.0	24 600 b													22.0
24.0	33.2	55.4	26 400	45.9	59.2	23 900	52.3	60.6	22 500													24.0
26.0	23.2	51.7	24 400	38.9	57.0	22 000	46.1	58.9	20 700	56.2	60.8	18 600										26.0
28.0				30.7	54.2	20 400	39.1	56.7	19 100	50.4	59.3	17 100										28.0
30.0				19.6	49.9	19 000	30.9	53.9	17 800	43.9	57.5	15 900	54.2	59.2	14 100							30.0
32.0							20.0	49.7	16 500	36.7	55.1	14 700	48.1	57.6	13 100							32.0
34.0										27.9	51.9	13 700	41.4	55.6	12 100							34.0
36.0										15.0	46.8	12 600	33.7	53.0	11 200	45.4	55.5	9 800				36.0
38.0													24.0	49.4	10 400	38.4	53.2	9 100				38.0
40.0																30.0	50.3	8 400	42.2	52.8	7 200	40.0
42.0																18.6	45.9	7 800	34.6	50.3	6 700	42.0
44.0																			25.2	46.8	6 200	44.0



999 SERIES 1

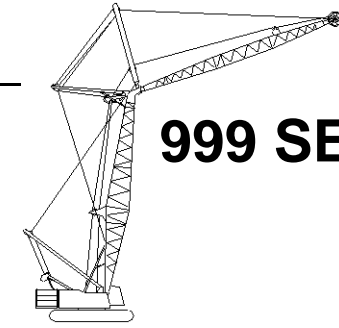
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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	31 500 b																18.0
20.0	53.3	64.0	30 400	61.8	65.9	28 300 b	66.5	66.5	26 700 b													20.0
22.0	47.9	62.4	28 400	56.9	64.7	25 700	61.9	65.6	24 200 b													22.0
24.0	41.9	60.4	25 900	51.8	63.3	23 500	57.1	64.4	22 100													24.0
26.0	35.2	57.9	23 900	46.3	61.5	21 600	51.9	63.0	20 300	60.4	64.4	18 200										26.0
28.0	27.2	54.6	22 200	40.2	59.4	20 000	46.4	61.2	18 700	55.4	63.1	16 800										28.0
30.0	15.7	49.5	19 400	33.2	56.7	18 500	40.3	59.1	17 400	50.2	61.6	15 500										30.0
32.0				24.5	53.1	17 400	33.3	56.4	16 200	44.5	59.8	14 400	53.6	61.5	12 700							32.0
34.0							24.7	52.8	15 100	38.2	57.5	13 400	48.2	59.9	11 900							34.0
36.0										30.8	54.6	12 500	42.3	57.9	11 000							36.0
38.0										21.3	50.5	11 600	35.7	55.5	10 200	45.8	57.8	8 900				38.0
40.0													27.7	52.2	9 500	39.7	55.6	8 200				40.0
42.0													16.7	47.3	8 800	32.6	52.9	7 600	43.0	55.1	6 500	42.0
44.0																23.8	49.1	7 100	36.4	52.7	6 000	44.0
46.0																			28.7	49.6	5 600	46.0
48.0																			18.1	45.0	5 200	48.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

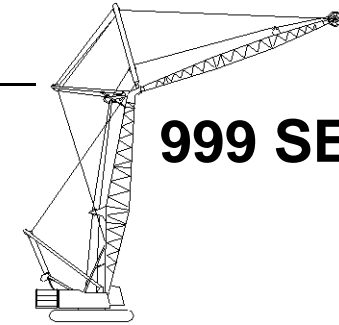
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.6	70.8	33 700 *b																			13.7
14.0	70.0	70.7	33 500 *b																			14.0
16.0	66.0	69.9	31 600 *b																			16.0
18.0	61.8	68.9	29 800 *																			18.0
20.0	57.4	67.7	28 200 *	64.8	69.3	27 700																20.0
22.0	52.8	66.3	26 700 *	60.6	68.3	25 100	64.9	69.0	23 700 b													22.0
24.0	48.0	64.7	25 300	56.2	67.0	23 000	60.7	67.9	21 600													24.0
26.0	42.7	62.7	23 400	51.5	65.6	21 100	56.3	66.7	19 800													26.0
28.0	36.8	60.3	21 600	46.5	63.8	19 500	51.6	65.3	18 300	59.3	66.8	16 300										28.0
30.0	30.0	57.3	20 200	41.1	61.7	18 100	46.7	63.5	16 900	54.8	65.5	15 100										30.0
32.0	21.2	53.1	18 700	35.0	59.2	16 900	41.2	61.5	15 700	50.1	63.9	14 000	57.7	65.2	12 300							32.0
34.0				27.8	55.9	15 800	35.2	58.9	14 700	45.0	62.1	13 000	53.2	63.8	11 500							34.0
36.0				18.1	51.2	14 700	28.0	55.7	13 800	39.4	59.9	12 200	48.3	62.2	10 700							36.0
38.0							18.4	51.0	12 800	33.0	57.2	11 400	43.0	60.3	10 000							38.0
40.0										25.3	53.6	10 600	37.2	57.9	9 300	46.2	60.1	8 000				40.0
42.0										14.1	48.0	9 900	30.4	54.9	8 600	40.7	58.0	7 400				42.0
44.0													21.9	50.8	8 000	34.5	55.4	6 900	43.6	57.5	5 800	44.0
46.0																27.2	52.0	6 400	37.8	55.1	5 300	46.0
48.0																17.3	47.1	6 000	31.2	52.2	4 900	48.0
50.0																		6 000	22.9	48.3	4 600	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

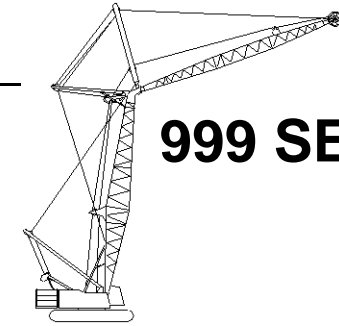
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	27 300																20.0
22.0	56.7	70.1	25 800 *	63.5	71.7	24 800																22.0
24.0	52.5	68.6	24 500 *	59.6	70.6	22 600	63.6	71.4	21 300													24.0
26.0	48.1	67.0	23 100	55.5	69.4	20 800	59.7	70.3	19 500													26.0
28.0	43.3	65.0	21 300	51.3	67.9	19 200	55.6	69.0	18 000													28.0
30.0	38.0	62.7	19 800	46.8	66.1	17 800	51.4	67.6	16 700	58.4	69.1	14 900										30.0
32.0	32.1	59.8	18 500	41.9	64.1	16 600	46.9	65.8	15 500	54.3	67.8	13 800										32.0
34.0	24.9	56.2	17 300 *	36.5	61.6	15 500	42.0	63.8	14 500	50.0	66.2	12 800	57.0	67.6	11 300							34.0
36.0	14.9	50.6	15 200 *	30.2	58.6	14 600	36.6	61.3	13 600	45.4	64.4	12 000	52.8	66.2	10 500							36.0
38.0				22.5	54.6	13 600	30.4	58.3	12 700	40.3	62.3	11 200	48.4	64.5	9 800							38.0
40.0							22.7	54.3	11 900	34.7	59.7	10 500	43.6	62.6	9 200	51.0	64.1	7 900				40.0
42.0										28.2	56.4	9 800	38.4	60.3	8 500	46.4	62.4	7 300				42.0
44.0										19.7	51.9	9 200	32.5	57.5	7 900	41.5	60.3	6 800				44.0
46.0													25.4	53.9	7 400	36.0	57.8	6 300	44.1	59.8	5 300	46.0
48.0													15.7	48.5	7 000	29.8	54.7	5 900	39.0	57.5	4 900	48.0
50.0																21.9	50.6	5 500	33.2	54.8	4 500	50.0
52.0																			26.3	51.3	4 200	52.0
54.0																			17.0	46.2	3 900	54.0



999 SERIES 1

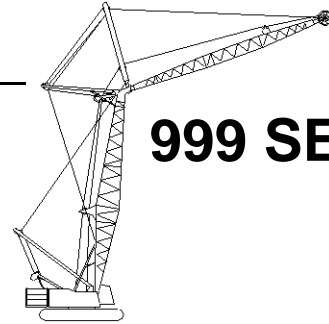
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.9	77.2	25 900 *b																			13.7
14.0	73.5	77.1	25 800 *b																			14.0
16.0	70.2	76.4	25 100 *b																			16.0
18.0	66.8	75.7	24 300 *																			18.0
20.0	63.3	74.7	23 100 *	69.2	75.9	25 300 *																20.0
22.0	59.8	73.6	21 900 *	65.8	75.1	24 200																22.0
24.0	56.1	72.4	20 800 *	62.4	74.1	22 400	65.9	74.8	21 000													24.0
26.0	52.2	70.9	19 800 *	58.8	73.0	20 600	62.4	73.8	19 300													26.0
28.0	48.1	69.3	18 800 *	55.0	71.7	19 000	58.9	72.7	17 800													28.0
30.0	43.8	67.3	17 900 *	51.1	70.2	17 600	55.1	71.4	16 500													30.0
32.0	39.0	65.1	17 100 *	47.0	68.4	16 400	51.2	69.9	15 300	57.7	71.5	13 600										32.0
34.0	33.8	62.4	16 400 *	42.5	66.4	15 400	47.1	68.1	14 300	53.9	70.1	12 700										34.0
36.0	27.6	59.0	15 800 *	37.6	64.0	14 400	42.6	66.1	13 400	49.9	68.5	11 800										36.0
38.0	19.8	54.4	14 900 *	32.2	61.2	13 600	37.8	63.8	12 600	45.7	66.7	11 100	52.5	68.5	9 600							38.0
40.0				25.7	57.5	12 700	32.3	60.9	11 900	41.1	64.6	10 400	48.4	66.8	9 000							40.0
42.0				17.1	52.4	11 900	25.8	57.3	11 100	36.1	62.1	9 800	44.1	64.9	8 500	50.8	66.4	7 200				42.0
44.0							17.3	52.2	10 400	30.4	59.0	9 100	39.4	62.7	7 900	46.6	64.7	6 800				44.0
46.0										23.4	55.1	8 500	34.1	60.0	7 400	42.2	62.6	6 300				46.0
48.0										13.5	49.1	8 000	28.1	56.7	6 900	37.3	60.2	5 900	44.5	62.1	4 800	48.0
50.0													20.4	52.2	6 500	31.7	57.3	5 500	39.9	59.9	4 500	50.0
52.0																25.1	53.6	5 100	34.7	57.3	4 100	52.0
54.0																16.3	48.3	4 700	28.7	54.0	3 800	54.0
56.0																			21.3	49.7	3 600	56.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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	20 200	64.7	77.2	18 900													26.0
28.0	52.0	73.2	17 400 *	58.1	75.3	18 600	61.5	76.2	17 400													28.0
30.0	48.2	71.6	16 600 *	54.6	74.0	17 300	58.1	75.0	16 200													30.0
32.0	44.2	69.7	15 800 *	50.9	72.5	16 100	54.7	73.7	15 000	60.4	75.0	13 300										32.0
34.0	39.9	67.4	15 100 *	47.1	70.7	15 000	51.0	72.2	14 000	57.0	73.8	12 400										34.0
36.0	35.1	64.8	14 400 *	43.0	68.7	14 100	47.2	70.4	13 100	53.5	72.4	11 500										36.0
38.0	29.7	61.7	13 800 *	38.6	66.4	13 200	43.1	68.4	12 300	49.8	70.8	10 800										38.0
40.0	23.2	57.7	13 300 *	33.7	63.7	12 500	38.7	66.1	11 600	45.9	69.0	10 100	52.2	70.8	8 800							40.0
42.0	14.2	51.8	12 200 *	28.1	60.3	11 700	33.8	63.4	10 900	41.8	66.9	9 500	48.5	69.1	8 200							42.0
44.0				21.1	56.0	11 000	28.2	60.1	10 200	37.2	64.5	9 000	44.5	67.2	7 700							44.0
46.0							21.3	55.7	9 600	32.1	61.6	8 400	40.2	65.0	7 200	46.8	67.0	6 100				46.0
48.0										26.2	58.0	7 900	35.4	62.4	6 800	42.7	65.0	5 700				48.0
50.0										18.6	53.2	7 400	30.1	59.3	6 300	38.3	62.6	5 300	44.9	64.4	4 300	50.0
52.0													23.7	55.4	5 900	33.3	59.8	4 900	40.6	62.2	4 000	52.0
54.0													15.0	49.7	5 500	27.6	56.5	4 600	36.0	59.7	3 700	54.0
56.0																20.5	52.0	4 300	30.7	56.7	3 400	56.0
58.0																			24.5	52.8	3 200	58.0
60.0																			16.1	47.4	2 900	60.0

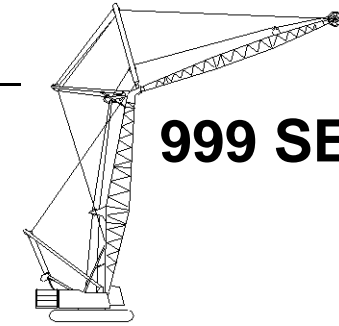


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

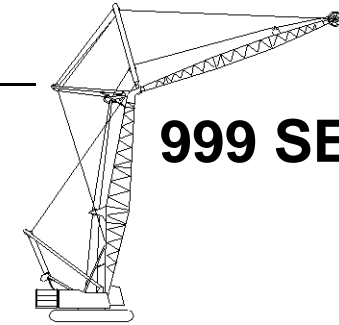
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.2	83.1	22 100 *																			15.2
16.0	73.1	82.9	21 800 *																			16.0
18.0	70.3	82.2	20 700 *																			18.0
20.0	67.4	81.4	19 700 *																			20.0
22.0	64.4	80.5	18 700 *	69.5	81.7	20 500 *																22.0
24.0	61.4	79.5	17 700 *	66.6	80.9	19 600 *																24.0
26.0	58.3	78.4	16 800 *	63.6	79.9	18 600 *	66.6	80.5	18 500													26.0
28.0	55.1	77.0	15 900 *	60.6	78.9	17 700 *	63.7	79.6	17 000													28.0
30.0	51.8	75.6	15 100 *	57.4	77.7	16 800 *	60.6	78.6	15 800													30.0
32.0	48.3	73.9	14 300 *	54.2	76.3	15 700	57.5	77.4	14 600	62.7	78.5	12 900										32.0
34.0	44.6	72.0	13 600 *	50.8	74.8	14 600	54.3	76.0	13 600	59.7	77.4	12 000										34.0
36.0	40.6	69.8	12 900 *	47.2	73.0	13 700	50.9	74.5	12 700	56.5	76.1	11 200										36.0
38.0	36.3	67.3	12 300 *	43.5	71.1	12 900	47.3	72.7	12 000	53.2	74.7	10 500										38.0
40.0	31.4	64.3	11 600 *	39.4	68.8	12 100	43.6	70.8	11 200	49.8	73.1	9 800	55.3	74.6	8 400							40.0
42.0	25.8	60.6	11 100 *	35.0	66.2	11 400	39.5	68.5	10 600	46.2	71.3	9 200	52.0	73.1	7 900							42.0
44.0	18.7	55.8	10 700 *	30.0	63.0	10 800	35.1	65.9	10 000	42.3	69.3	8 600	48.5	71.4	7 400							44.0
46.0				24.1	59.1	10 100	30.1	62.8	9 400	38.1	66.9	8 100	44.8	69.5	6 900	50.6	71.0	5 800				46.0
48.0				16.3	53.6	9 500	24.2	58.9	8 800	33.6	64.1	7 700	40.8	67.4	6 500	47.0	69.3	5 400				48.0
50.0							16.5	53.5	8 300	28.3	60.8	7 200	36.6	64.9	6 100	43.2	67.3	5 000				50.0
52.0										22.0	56.6	6 700	31.8	61.9	5 700	39.1	65.0	4 700	45.2	66.7	3 700	52.0
54.0										13.1	50.2	6 300	26.2	58.3	5 300	34.6	62.3	4 400	41.3	64.6	3 400	54.0
56.0													19.3	53.5	5 000	29.6	59.1	4 000	37.0	62.1	3 200	56.0
58.0																23.6	55.2	3 800	32.3	59.2	2 900	58.0
60.0																15.6	49.5	3 500	26.9	55.7	2 700	60.0
62.0																			20.1	51.1	2 500	62.0
64.0																			9.6	43.6	2 300	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

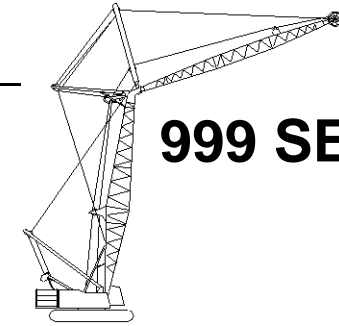
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	16 800													28.0
30.0	54.7	79.4	13 800 *	59.8	81.2	15 400 *	62.8	82.0	15 500													30.0
32.0	51.6	77.9	13 100 *	56.9	80.0	14 600 *	59.9	80.9	14 400													32.0
34.0	48.3	76.2	12 300 *	53.9	78.6	13 800 *	57.0	79.7	13 400	61.9	80.9	11 800										34.0
36.0	44.9	74.3	11 700 *	50.7	77.1	13 000 *	53.9	78.3	12 500	59.0	79.7	11 000										36.0
38.0	41.2	72.1	11 000 *	47.4	75.3	12 300 *	50.8	76.8	11 700	56.0	78.5	10 300										38.0
40.0	37.2	69.7	10 500 *	43.9	73.4	11 600 *	47.4	75.0	11 000	52.9	77.0	9 600										40.0
42.0	32.9	66.8	9 900 *	40.1	71.2	11 000 *	43.9	73.1	10 400	49.7	75.4	9 000	54.9	76.9	7 700							42.0
44.0	27.9	63.4	9 400 *	36.0	68.6	10 400 *	40.2	70.9	9 800	46.4	73.6	8 500	51.8	75.4	7 200							44.0
46.0	21.9	59.1	8 900 *	31.5	65.6	9 900 *	36.1	68.3	9 300	42.8	71.6	8 000	48.5	73.7	6 800							46.0
48.0	13.8	52.9	8 600 *	26.4	62.0	9 400 *	31.7	65.4	8 700	38.9	69.3	7 500	45.1	71.8	6 300	50.5	73.3	5 300				48.0
50.0				20.0	57.3	8 900	26.5	61.8	8 200	34.8	66.6	7 100	41.4	69.7	6 000	47.1	71.6	4 900				50.0
52.0							20.2	57.1	7 700	30.1	63.5	6 700	37.5	67.3	5 600	43.6	69.6	4 600				52.0
54.0										24.6	59.6	6 300	33.1	64.5	5 200	39.8	67.4	4 300	45.5	69.0	3 300	54.0
56.0										17.7	54.4	5 900	28.2	61.1	4 900	35.7	64.8	4 000	41.8	66.9	3 100	56.0
58.0													22.4	56.9	4 600	31.2	61.8	3 700	37.9	64.5	2 800	58.0
60.0													14.4	50.8	4 300	26.0	58.1	3 500	33.6	61.7	2 600	60.0
62.0																19.5	53.3	3 200	28.8	58.4	2 400	62.0
64.0																9.4	45.5	3 000	23.0	54.3	2 200	64.0
66.0																			15.4	48.6	2 000	66.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.3	89.0	18 200 *																			16.8
18.0	72.8	88.6	17 600 *																			18.0
20.0	70.3	88.0	16 700 *																			20.0
22.0	67.8	87.2	15 800 *																			22.0
24.0	65.3	86.3	14 900 *																			24.0
26.0	62.6	85.4	14 100 *	67.1	86.6	15 600 *																26.0
28.0	60.0	84.3	13 200 *	64.5	85.7	14 800 *	67.2	86.3	15 600 *													28.0
30.0	57.2	83.0	12 500 *	61.9	84.7	14 000 *	64.6	85.4	14 800 *													30.0
32.0	54.4	81.7	11 700 *	59.2	83.6	13 200 *	62.0	84.4	14 000 *													32.0
34.0	51.4	80.2	11 000 *	56.4	82.3	12 400 *	59.3	83.3	13 100													34.0
36.0	48.4	78.5	10 400 *	53.6	80.9	11 700 *	56.5	82.0	12 200	61.1	83.3	10 700										36.0
38.0	45.1	76.6	9 700 *	50.6	79.4	11 000 *	53.6	80.6	11 400	58.4	82.1	9 900										38.0
40.0	41.7	74.5	9 100 *	47.5	77.6	10 300 *	50.7	79.1	10 700	55.6	80.8	9 300										40.0
42.0	38.0	72.1	8 600 *	44.2	75.7	9 700 *	47.5	77.3	10 100	52.7	79.3	8 700										42.0
44.0	34.0	69.3	8 100 *	40.7	73.5	9 100 *	44.3	75.4	9 500	49.7	77.7	8 200	54.6	79.2	6 900							44.0
46.0	29.6	66.1	7 600 *	37.0	71.0	8 600 *	40.8	73.2	8 900	46.5	75.9	7 600	51.6	77.7	6 500							46.0
48.0	24.4	62.2	7 200 *	32.9	68.2	8 000 *	37.1	70.7	8 400	43.2	73.9	7 200	48.6	76.0	6 000							48.0
50.0	17.9	57.0	6 800 *	28.2	64.8	7 600 *	33.0	67.9	8 000	39.6	71.7	6 800	45.3	74.1	5 700	50.4	75.6	4 600				50.0
52.0				22.8	60.6	7 100 *	28.3	64.5	7 500	35.8	69.1	6 400	41.9	72.0	5 300	47.2	73.9	4 300				52.0
54.0				15.6	54.8	6 800 *	22.9	60.3	7 100	31.6	66.1	6 000	38.3	69.7	5 000	44.0	71.9	4 000				54.0
56.0							15.8	54.7	6 700	26.7	62.5	5 700	34.3	67.0	4 700	40.5	69.7	3 700	45.7	71.3	2 800	56.0
58.0										20.9	58.0	5 300	29.9	63.8	4 400	36.7	67.2	3 500	42.3	69.3	2 600	58.0
60.0										12.8	51.4	5 000	24.8	59.9	4 100	32.5	64.3	3 200	38.7	66.9	2 300	60.0
62.0													18.4	54.8	3 800	27.9	60.9	3 000	34.8	64.2	2 200	62.0
64.0													8.1	46.3	3 600	22.3	56.6	2 800	30.4	61.1	2 000	64.0
66.0																15.0	50.7	2 600				66.0

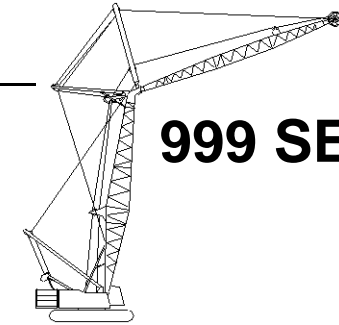


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

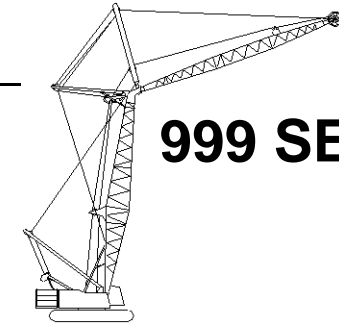
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	9 600										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	9 000										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	8 400										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	7 900										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	7 400	54.2	81.5	6 200							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	7 000	51.5	80.0	5 800							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	6 500	48.6	78.3	5 400							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	6 200	45.6	76.5	5 000	50.3	77.9	4 000				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	5 800	42.4	74.4	4 800	47.3	76.2	3 800				54.0
56.0				19.1	58.7	5 300 *	25.1	63.3	5 800 *	32.8	68.6	5 500	39.0	72.1	4 500	44.3	74.2	3 500				56.0
58.0							19.2	58.4	5 300 *	28.5	65.2	5 200	35.3	69.4	4 200	41.0	72.1	3 200	45.9	73.6	2 300	58.0
60.0										23.4	61.1	4 900	31.3	66.4	3 900	37.5	69.6	3 000	42.7	71.6	2 100	60.0
62.0										17.0	55.7	4 600	26.7	62.8	3 700	33.7	66.8	2 800	39.3	69.3	1 900	62.0
64.0										5.7	45.7	4 300	21.3	58.3	3 400	29.5	63.6	2 600	35.7	66.7	1 800	64.0
66.0													14.0	52.0	3 200	24.6	59.7	2 400				66.0
68.0																18.6	54.6	2 200				68.0
70.0																9.5	46.6	2 000				70.0



999 SERIES 1

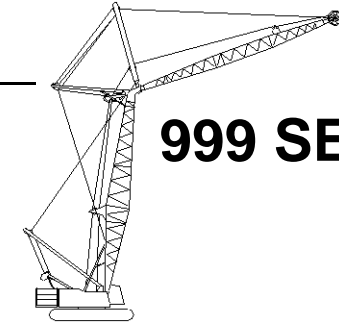
Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	62.0	63.9	44 400 *b																			13.7
14.0	61.1	63.8	43 800 b																			14.0
16.0	54.8	62.5	39 400 b																			16.0
18.0	47.9	60.9	35 000																			18.0
20.0	40.2	58.8	31 600	53.8	62.0	28 500 b	60.9	63.0	26 700 b													20.0
22.0	30.9	56.0	28 800	46.8	60.3	25 800	54.5	61.7	24 200 b													22.0
24.0	17.9	51.6	24 300	38.9	58.1	23 600	47.6	60.1	22 100													24.0
26.0				29.4	55.2	21 800	39.8	58.0	20 300	53.2	60.6	18 100 b										26.0
28.0							30.5	55.2	18 800	46.2	58.9	16 600										28.0
30.0							17.1	50.6	17 500	38.2	56.7	15 400	51.7	59.1	13 500							30.0
32.0										28.4	53.6	14 300	44.4	57.3	12 500							32.0
34.0													36.1	54.9	11 700	49.6	57.1	10 100 b				34.0
36.0													25.6	51.6	10 800	42.1	55.2	9 300				36.0
38.0																33.4	52.6	8 600				38.0
40.0																21.7	48.7	7 900				40.0
42.0																			39.1	52.5	6 700	42.0
44.0																			15.6	44.8	5 700	44.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

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

67 860 kg Counterweight

360 Degree Rating

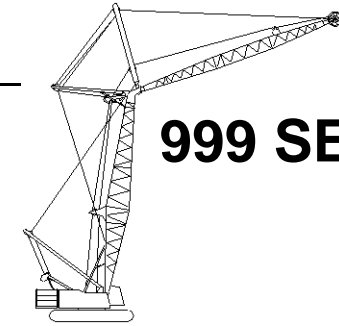
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib

7 m/s with 36.6m thru 51.8m Luffing Jib

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	34 500	64.2	66.7	31 200 b																18.0
20.0	48.0	63.2	31 100	58.9	65.6	28 000 b	64.8	66.4	26 300 b													20.0
22.0	41.4	61.2	28 300	53.2	64.3	25 500	59.5	65.4	23 800 b													22.0
24.0	33.6	58.6	26 000	47.1	62.6	23 300	53.8	64.0	21 800													24.0
26.0	23.9	54.9	23 900	40.3	60.5	21 400	47.8	62.4	20 000	58.4	64.3	17 800 b										26.0
28.0				32.4	57.8	19 800	41.0	60.4	18 500	52.7	62.9	16 400										28.0
30.0				22.1	53.9	18 500	33.3	57.7	17 200	46.6	61.2	15 200										30.0
32.0							23.3	54.0	16 100	39.7	59.1	14 100	51.3	61.4	12 300							32.0
34.0										31.6	56.3	13 200	45.0	59.6	11 400							34.0
36.0										21.0	52.2	12 200	37.9	57.3	10 700	49.5	59.4	9 200				36.0
38.0													29.4	54.3	9 900	43.0	57.5	8 500				38.0
40.0																35.6	55.0	7 900				40.0
42.0																26.5	51.7	7 300	40.5	54.9	6 100	42.0
44.0																12.3	46.1	6 800	32.6	52.2	5 600	44.0
46.0																			22.4	48.4	5 200	46.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

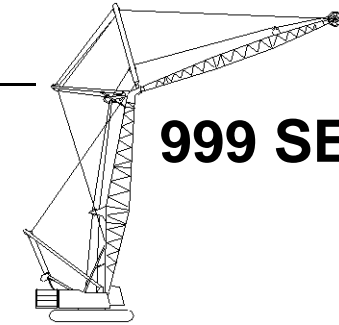
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	68.6	70.6	36 000 *b																			13.7
14.0	67.9	70.5	35 700 *b																			14.0
16.0	63.4	69.6	33 800 *b																			16.0
18.0	58.6	68.5	32 000 *	67.3	70.0	30 600 b																18.0
20.0	53.5	67.1	30 400	62.7	69.1	27 500 b																20.0
22.0	48.2	65.5	27 800	57.9	68.0	25 000	63.1	68.8	23 400 b													22.0
24.0	42.3	63.5	25 400	52.8	66.6	22 800	58.4	67.7	21 300													24.0
26.0	35.6	61.1	23 500	47.3	64.9	21 000	53.3	66.4	19 600	62.3	67.8	17 400 b										26.0
28.0	27.6	57.8	21 800	41.3	62.9	19 400	47.9	64.7	18 100	57.4	66.6	16 000										28.0
30.0	16.5	52.9	18 900	34.5	60.3	18 100	42.0	62.7	16 800	52.3	65.2	14 800										30.0
32.0				26.3	56.9	16 900	35.3	60.2	15 600	46.8	63.5	13 700	56.3	65.1	12 000							32.0
34.0							27.2	56.9	14 700	40.8	61.4	12 800	51.1	63.7	11 100							34.0
36.0							15.8	51.9	13 700	33.9	58.8	12 000	45.5	61.9	10 400							36.0
38.0										25.5	55.3	11 200	39.3	59.7	9 700							38.0
40.0													32.1	56.9	9 000	43.7	59.8	7 700				40.0
42.0													23.1	53.1	8 400	37.3	57.5	7 100				42.0
44.0																29.7	54.4	6 600	41.5	57.2	5 400	44.0
46.0																19.7	50.1	6 100	34.7	54.7	5 000	46.0
48.0																			26.5	51.3	4 700	48.0
50.0																			14.6	46.0	4 300	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

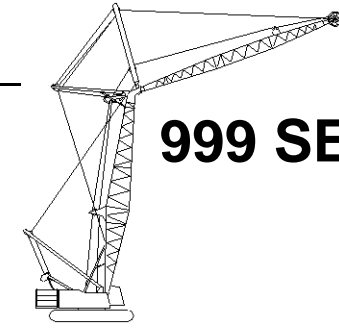
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	26 900 b																20.0
22.0	53.1	69.5	26 700 *	61.4	71.5	24 400	66.0	72.2	22 900 b													22.0
24.0	48.2	67.8	25 000	57.0	70.3	22 300	61.8	71.2	20 800													24.0
26.0	43.0	65.9	23 000	52.4	68.9	20 500	57.5	70.1	19 100													26.0
28.0	37.1	63.5	21 300	47.5	67.2	18 900	52.9	68.7	17 600	61.0	70.2	15 600										28.0
30.0	30.4	60.5	19 800	42.2	65.2	17 600	48.0	67.0	16 300	56.6	69.0	14 400										30.0
32.0	21.8	56.4	18 500	36.2	62.7	16 400	42.7	65.0	15 200	52.0	67.5	13 300										32.0
34.0				29.2	59.6	15 400	36.8	62.6	14 200	47.0	65.8	12 400	55.6	67.5	10 700							34.0
36.0				20.3	55.3	14 400	30.0	59.6	13 300	41.7	63.8	11 600	50.9	66.0	10 000							36.0
38.0							21.3	55.5	12 500	35.6	61.3	10 900	45.8	64.2	9 300							38.0
40.0										28.6	58.1	10 200	40.3	62.0	8 700	49.4	64.0	7 300				40.0
42.0										19.3	53.6	9 500	34.1	59.4	8 200	44.3	62.1	6 800				42.0
44.0													26.7	56.0	7 600	38.6	59.9	6 300				44.0
46.0																32.1	57.0	5 900	42.3	59.6	4 800	46.0
48.0																24.1	53.3	5 500	36.4	57.1	4 400	48.0
50.0																11.9	47.1	5 100	29.4	54.0	4 100	50.0
52.0																			20.5	49.8	3 800	52.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.6	77.1	31 400 *b																			13.7
14.0	72.1	77.0	31 200 *b																			14.0
16.0	68.5	76.3	29 700 *b																			16.0
18.0	64.8	75.4	28 400 *																			18.0
20.0	60.9	74.4	27 000 *	67.9	75.8	26 600																20.0
22.0	56.9	73.2	25 700 *	64.2	74.9	24 100																22.0
24.0	52.7	71.8	24 400	60.3	73.9	22 000	64.6	74.6	20 600													24.0
26.0	48.3	70.1	22 600	56.3	72.6	20 200	60.7	73.6	18 900													26.0
28.0	43.5	68.2	21 000	52.1	71.2	18 700	56.7	72.4	17 400													28.0
30.0	38.3	65.9	19 500	47.6	69.5	17 300	52.5	71.0	16 100	60.0	72.5	14 200										30.0
32.0	32.4	63.1	18 200	42.8	67.5	16 100	48.1	69.3	15 000	56.0	71.3	13 200										32.0
34.0	25.3	59.4	17 100	37.5	65.1	15 100	43.3	67.4	14 000	51.7	69.8	12 200										34.0
36.0	15.5	54.1	15 300	31.5	62.2	14 200	38.1	65.0	13 100	47.2	68.1	11 400	55.0	69.8	9 800							36.0
38.0				24.1	58.4	13 400	32.1	62.2	12 300	42.4	66.1	10 700	50.7	68.3	9 100							38.0
40.0							25.0	58.5	11 600	37.0	63.7	10 000	46.1	66.5	8 600							40.0
42.0							15.0	53.0	10 800	30.9	60.7	9 400	41.2	64.4	8 000	49.4	66.3	6 700				42.0
44.0										23.4	56.8	8 900	35.7	61.9	7 500	44.7	64.4	6 300				44.0
46.0													29.3	58.7	7 100	39.6	62.2	5 800				46.0
48.0													21.3	54.5	6 600	33.9	59.6	5 400	42.9	61.9	4 400	48.0
50.0																27.2	56.2	5 000	37.6	59.6	4 000	50.0
52.0																18.4	51.4	4 700	31.6	56.7	3 700	52.0
54.0																			24.3	52.9	3 400	54.0
56.0																			13.9	47.1	3 200	56.0



Liftcrane Luffing Jib Capacities

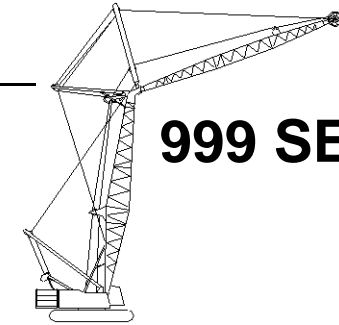
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

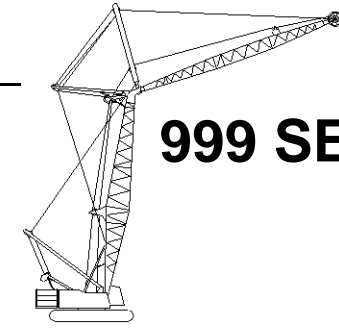
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	24 000																22.0
24.0	56.3	75.5	20 800 *	63.0	77.3	21 800																24.0
26.0	52.4	74.1	19 800 *	59.4	76.2	20 000	63.4	77.1	18 700													26.0
28.0	48.4	72.4	18 900 *	55.7	75.0	18 500	59.8	76.0	17 200													28.0
30.0	44.0	70.5	18 000 *	51.8	73.5	17 200	56.1	74.7	15 900													30.0
32.0	39.3	68.3	17 200 *	47.7	71.8	16 000	52.3	73.3	14 800	59.1	74.9	13 000										32.0
34.0	34.1	65.6	16 500 *	43.4	69.8	15 000	48.2	71.6	13 800	55.4	73.6	12 100										34.0
36.0	28.0	62.2	15 800 *	38.6	67.5	14 000	43.8	69.7	13 000	51.5	72.1	11 300										36.0
38.0	20.3	57.8	14 800 *	33.2	64.8	13 200	39.1	67.4	12 100	47.4	70.4	10 600	54.5	72.1	9 000							38.0
40.0				27.0	61.3	12 400	33.8	64.7	11 400	43.0	68.4	9 900	50.6	70.6	8 400							40.0
42.0				18.9	56.6	11 700	27.7	61.4	10 800	38.1	66.1	9 300	46.4	68.8	7 900							42.0
44.0							19.9	56.8	10 100	32.7	63.3	8 800	41.9	66.7	7 400	49.4	68.6	6 100				44.0
46.0										26.4	59.7	8 300	36.9	64.3	7 000	45.1	66.7	5 700				46.0
48.0										18.1	54.9	7 700	31.3	61.4	6 600	40.5	64.6	5 300				48.0
50.0													24.7	57.6	6 100	35.4	62.0	5 000	43.5	64.2	3 900	50.0
52.0																29.5	58.9	4 700	38.7	61.9	3 600	52.0
54.0																22.4	54.8	4 300	33.4	59.2	3 400	54.0
56.0																11.7	48.2	4 000	27.1	55.8	3 100	56.0
58.0																			19.2	51.1	2 900	58.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.4	83.4	23 900 *b																			13.7
14.0	74.9	83.3	23 800 *b																			14.0
16.0	71.9	82.7	23 200 *																			16.0
18.0	68.8	82.0	22 400 *																			18.0
20.0	65.7	81.2	21 300 *																			20.0
22.0	62.5	80.2	20 300 *	68.4	81.6	22 400 *																22.0
24.0	59.2	79.1	19 300 *	65.2	80.7	21 300																24.0
26.0	55.7	77.8	18 400 *	62.0	79.7	19 700	65.6	80.4	18 300													26.0
28.0	52.2	76.4	17 500 *	58.7	78.6	18 100	62.3	79.5	16 800													28.0
30.0	48.4	74.7	16 700 *	55.2	77.3	16 800	59.0	78.3	15 600													30.0
32.0	44.4	72.8	15 900 *	51.6	75.8	15 600	55.6	77.1	14 500	61.7	78.4	12 700										32.0
34.0	40.1	70.6	15 100 *	47.8	74.1	14 600	52.0	75.6	13 500	58.4	77.2	11 800										34.0
36.0	35.4	68.0	14 500 *	43.8	72.2	13 700	48.2	73.9	12 700	54.9	75.9	11 000										36.0
38.0	30.0	64.9	13 900 *	39.5	69.9	12 900	44.2	72.0	11 900	51.3	74.4	10 300										38.0
40.0	23.6	61.0	13 300 *	34.7	67.3	12 100	39.9	69.8	11 200	47.5	72.7	9 600	54.1	74.4	8 100							40.0
42.0	14.8	55.2	12 200 *	29.2	64.0	11 500	35.2	67.2	10 500	43.4	70.7	9 000	50.4	72.9	7 600							42.0
44.0				22.5	59.9	10 800	29.8	64.0	9 900	39.1	68.5	8 500	46.6	71.1	7 200							44.0
46.0							23.3	60.0	9 400	34.2	65.8	8 000	42.5	69.1	6 700	49.3	70.9	5 500				46.0
48.0							14.3	54.2	8 800	28.7	62.5	7 600	38.0	66.7	6 300	45.4	69.1	5 100				48.0
50.0										21.9	58.3	7 100	33.0	63.9	5 900	41.2	66.9	4 800				50.0
52.0													27.2	60.4	5 600	36.6	64.5	4 500	43.9	66.6	3 400	52.0
54.0													20.0	55.9	5 200	31.4	61.5	4 200	39.6	64.3	3 200	54.0
56.0																25.3	57.8	3 900	34.8	61.7	2 900	56.0
58.0																17.4	52.7	3 600	29.3	58.5	2 700	58.0
60.0																			22.7	54.4	2 500	60.0
62.0																			13.4	48.3	2 300	62.0

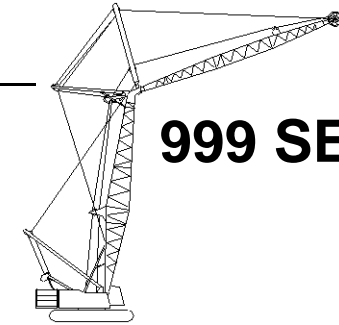


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)

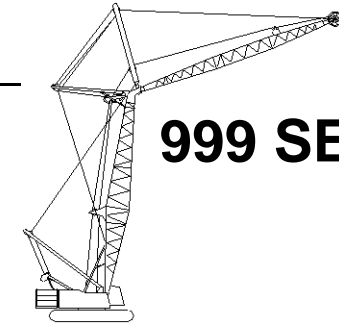
10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	17 800													26.0
28.0	55.3	80.2	16 000 *	61.1	82.1	17 700	64.5	82.9	16 400													28.0
30.0	51.9	78.7	15 100 *	58.0	80.9	16 400	61.5	81.8	15 200													30.0
32.0	48.5	77.0	14 300 *	54.8	79.6	15 300	58.4	80.7	14 100													32.0
34.0	44.8	75.1	13 600 *	51.4	78.1	14 200	55.1	79.4	13 200	60.9	80.8	11 400										34.0
36.0	40.8	73.0	12 900 *	47.9	76.4	13 300	51.8	77.9	12 300	57.8	79.6	10 600										36.0
38.0	36.5	70.5	12 300 *	44.2	74.5	12 500	48.3	76.2	11 500	54.5	78.2	9 900										38.0
40.0	31.7	67.5	11 700 *	40.2	72.3	11 800	44.6	74.3	10 800	51.1	76.7	9 300	57.0	78.1	7 800							40.0
42.0	26.2	63.9	11 200 *	35.8	69.7	11 100	40.6	72.1	10 200	47.6	75.0	8 700	53.7	76.7	7 300							42.0
44.0	19.2	59.1	10 700 *	31.0	66.7	10 500	36.3	69.6	9 600	43.9	73.1	8 200	50.3	75.2	6 800							44.0
46.0				25.3	62.9	9 900	31.5	66.6	9 100	39.8	70.8	7 700	46.8	73.4	6 400							46.0
48.0				18.0	57.9	9 400	25.9	63.0	8 600	35.4	68.2	7 200	42.9	71.4	6 000	49.3	73.2	4 800				48.0
50.0							18.8	58.1	8 100	30.5	65.2	6 800	38.8	69.1	5 600	45.7	71.4	4 400				50.0
52.0										24.7	61.3	6 400	34.3	66.4	5 300	41.8	69.3	4 100				52.0
54.0										17.2	56.1	6 100	29.2	63.2	5 000	37.6	66.9	3 900	44.3	68.9	2 900	54.0
56.0													23.1	59.1	4 700	32.9	64.0	3 600	40.3	66.7	2 600	56.0
58.0																27.6	60.6	3 400	35.9	64.1	2 400	58.0
60.0																21.1	56.2	3 100	31.1	61.1	2 200	60.0
62.0																11.5	49.3	2 900	25.4	57.4	2 000	62.0
64.0																			18.2	52.4	1 900	64.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	89.3	20 400 *																			15.2
16.0	74.4	89.1	20 000 *																			16.0
18.0	71.8	88.5	19 100 *																			18.0
20.0	69.1	87.8	18 200 *																			20.0
22.0	66.4	87.0	17 200 *																			22.0
24.0	63.6	86.0	16 400 *	68.7	87.3	18 100 *																24.0
26.0	60.8	85.0	15 500 *	66.0	86.5	17 200 *																26.0
28.0	57.9	83.8	14 600 *	63.2	85.5	16 400 *	66.3	86.2	16 200													28.0
30.0	54.9	82.5	13 900 *	60.4	84.5	15 500 *	63.5	85.3	15 000													30.0
32.0	51.8	81.0	13 100 *	57.5	83.3	14 700 *	60.7	84.2	13 900													32.0
34.0	48.5	79.3	12 400 *	54.4	81.9	13 900 *	57.8	83.0	12 900													34.0
36.0	45.0	77.4	11 700 *	51.3	80.4	13 100	54.7	81.7	12 100	60.1	83.1	10 500										36.0
38.0	41.4	75.3	11 100 *	48.0	78.7	12 300	51.6	80.2	11 300	57.2	81.9	9 700										38.0
40.0	37.4	72.9	10 500 *	44.5	76.8	11 600	48.3	78.5	10 600	54.2	80.6	9 100										40.0
42.0	33.1	70.0	9 900 *	40.8	74.6	10 900	44.9	76.6	10 000	51.0	79.0	8 500	56.5	80.4	7 100							42.0
44.0	28.2	66.7	9 400 *	36.8	72.1	10 300	41.2	74.5	9 400	47.7	77.3	8 000	53.4	79.0	6 700							44.0
46.0	22.3	62.4	9 000 *	32.4	69.2	9 800	37.3	72.0	8 900	44.2	75.4	7 500	50.2	77.5	6 200							46.0
48.0	14.3	56.4	8 600 *	27.4	65.8	9 200	32.9	69.2	8 400	40.5	73.2	7 100	46.9	75.7	5 800							48.0
50.0				21.3	61.3	8 700	27.9	65.8	8 000	36.5	70.7	6 700	43.4	73.7	5 500	49.3	75.5	4 300				50.0
52.0							22.0	61.5	7 500	32.0	67.7	6 300	39.6	71.5	5 100	45.9	73.7	4 000				52.0
54.0							13.9	55.3	7 100	26.9	64.2	6 000	35.5	68.9	4 800	42.3	71.6	3 800				54.0
56.0										20.7	59.7	5 600	30.9	65.8	4 500	38.4	69.3	3 500	44.6	71.2	2 500	56.0
58.0													25.6	62.1	4 300	34.2	66.5	3 300	40.9	69.0	2 300	58.0
60.0													19.0	57.2	4 000	29.4	63.3	3 000	36.9	66.5	2 100	60.0
62.0																23.8	59.3	2 900	32.5	63.7	1 900	62.0
64.0																16.6	53.9	2 600	27.5	60.2	1 800	64.0

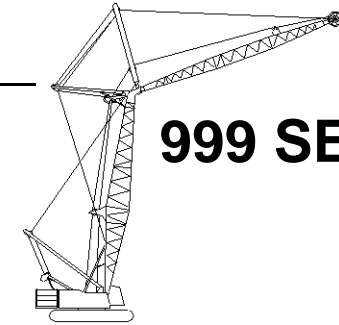


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	14 600										30.0
32.0	54.5	84.8	11 800 *	59.7	86.8	13 300 *	62.7	87.7	13 600										32.0
34.0	51.6	83.3	11 100 *	57.0	85.6	12 600 *	60.0	86.6	12 600										34.0
36.0	48.5	81.6	10 400 *	54.1	84.2	11 800 *	57.2	85.4	11 800										36.0
38.0	45.3	79.7	9 800 *	51.1	82.7	11 100 *	54.4	84.0	11 000	59.5	85.5	9 400							38.0
40.0	41.9	77.6	9 200 *	48.1	81.0	10 400 *	51.5	82.5	10 300	56.7	84.3	8 800							40.0
42.0	38.2	75.3	8 700 *	44.8	79.1	9 800 *	48.4	80.8	9 700	53.8	82.9	8 200							42.0
44.0	34.3	72.5	8 100 *	41.4	77.0	9 300 *	45.2	78.9	9 100	50.9	81.3	7 700	56.0	82.8	6 300				44.0
46.0	29.8	69.3	7 600 *	37.7	74.5	8 700 *	41.7	76.8	8 600	47.8	79.6	7 200	53.2	81.4	5 900				46.0
48.0	24.7	65.5	7 200 *	33.7	71.8	8 200 *	38.1	74.4	8 100	44.5	77.7	6 800	50.2	79.8	5 500				48.0
50.0	18.3	60.4	6 800 *	29.1	68.5	7 700 *	34.1	71.7	7 700	41.1	75.5	6 400	47.0	78.0	5 200				50.0
52.0				23.9	64.5	7 300 *	29.6	68.5	7 300	37.3	73.1	6 000	43.7	76.0	4 800	49.3	77.8	3 700	52.0
54.0				17.2	59.1	6 900 *	24.5	64.6	6 900	33.3	70.3	5 700	40.2	73.8	4 500	46.1	76.0	3 400	54.0
56.0							18.0	59.4	6 500	28.7	66.9	5 400	36.4	71.3	4 200	42.7	73.9	3 200	56.0
58.0										23.4	62.8	5 100	32.3	68.4	4 000	39.1	71.6	2 900	58.0
60.0										16.5	57.3	4 800	27.6	64.9	3 700	35.3	69.0	2 700	60.0
62.0													21.9	60.5	3 500	31.0	65.9	2 500	62.0
64.0													14.4	54.4	3 300	26.0	62.2	2 400	64.0
66.0																20.0	57.5	2 200	66.0
68.0																11.3	50.4	2 000	68.0

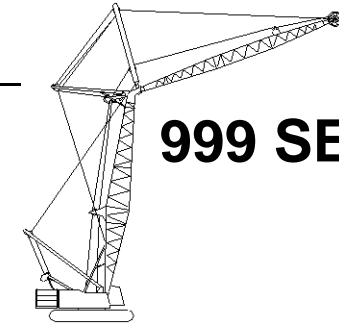


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

**Maximum Operating Wind Speeds
 (all boom lengths)**

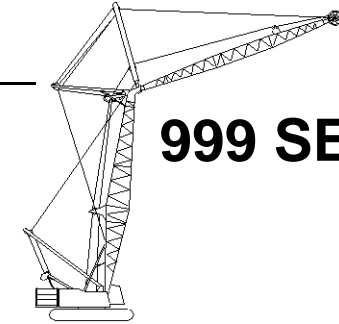
**10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib**



999 SERIES 1

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			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	
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	12 200										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	10 700										38.0
40.0	45.5	82.1	8 200 *	51.0	85.0	9 500 *	54.1	86.3	10 000	58.9	87.9	8 500							40.0
42.0	42.3	80.0	7 700 *	48.1	83.3	8 900 *	51.3	84.8	9 400	56.3	86.6	7 900							42.0
44.0	38.9	77.6	7 200 *	45.1	81.4	8 300 *	48.4	83.1	8 800	53.6	85.2	7 400							44.0
46.0	35.3	75.0	6 700 *	41.9	79.3	7 700 *	45.4	81.3	8 300	50.8	83.6	7 000	55.7	85.1	5 700				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	6 600	52.9	83.7	5 300				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	6 100	50.1	82.1	4 900				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	5 800	47.2	80.3	4 600	52.1	81.7	3 500	52.0
54.0	13.9	57.5	4 900 *	25.9	67.4	5 900 *	31.1	71.1	6 400 *	38.1	75.5	5 400	44.1	78.4	4 300	49.3	80.1	3 200	54.0
56.0				20.3	62.7	5 300 *	26.5	67.4	5 900 *	34.4	72.8	5 100	40.8	76.2	4 000	46.3	78.3	2 900	56.0
58.0							20.9	62.9	5 400 *	30.2	69.6	4 800	37.3	73.7	3 700	43.1	76.3	2 700	58.0
60.0							13.5	56.4	5 000 *	25.5	65.8	4 500	33.4	70.9	3 500	39.8	74.0	2 500	60.0
62.0										19.7	61.0	4 300	29.2	67.6	3 300	36.2	71.4	2 300	62.0
64.0										11.5	53.9	4 100	24.3	63.6	3 100	32.3	68.5	2 100	64.0
66.0													18.2	58.5	2 900	27.8	65.0	1 900	66.0
68.0																22.6	60.8	1 800	68.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

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

67 860 kg Counterweight

360 Degree Rating

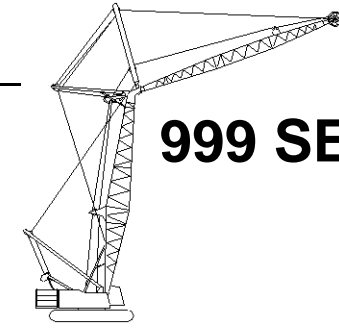
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib

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	42 200 b																			14.0	
16.0	55.1	65.6	38 900 b																			16.0	
18.0	48.3	64.1	34 500																			18.0	
20.0	40.6	62.0	31 200	55.0	65.2	27 800 b																20.0	
22.0	31.5	59.3	28 400	48.2	63.7	25 200 b	56.2	65.1	23 500 b													22.0	
24.0	18.8	55.0	24 500	40.5	61.6	23 100	49.5	63.6	21 500													24.0	
26.0				31.3	58.9	21 300	42.0	61.6	19 700	55.8	64.1	17 300 b										26.0	
28.0				18.6	54.6	19 800	33.2	59.0	18 200	49.1	62.6	15 900 b										28.0	
30.0							21.4	55.2	17 000	41.5	60.6	14 800										30.0	
32.0										32.6	57.9	13 700	48.3	61.1	11 800								32.0
34.0										20.5	53.9	12 800	40.6	59.1	11 000								34.0
36.0													31.5	56.3	10 200	47.1	59.2	8 600					36.0
38.0													18.8	52.1	9 600	39.2	57.1	8 000					38.0
40.0																29.7	54.2	7 400	45.2	56.9	6 000		40.0
42.0																15.8	49.4	6 800	37.1	54.6	5 600		42.0
44.0																			26.9	51.4	5 100		44.0

REFERENCE ONLY!



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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	37 100 b																			16.0
18.0	54.4	68.0	33 900																			18.0
20.0	48.4	66.4	30 500	59.9	68.9	27 200 b	66.1	69.7	25 300 b													20.0
22.0	41.7	64.4	27 800	54.3	67.6	24 700 b	60.9	68.7	22 900 b													22.0
24.0	34.1	61.8	25 500	48.3	66.0	22 600	55.4	67.4	20 900													24.0
26.0	24.5	58.2	23 500	41.6	64.0	20 800	49.4	65.9	19 200	60.6	67.7	16 800 b										26.0
28.0				34.0	61.4	19 200	42.9	64.0	17 800	55.0	66.4	15 500 b										28.0
30.0				24.3	57.8	17 900	35.5	61.5	16 500	49.1	64.9	14 300										30.0
32.0				6.6	50.5	16 900	26.3	58.2	15 400	42.5	62.9	13 300	54.4	65.0	11 300							32.0
34.0										35.0	60.4	12 400	48.4	63.4	10 600							34.0
36.0										25.7	57.0	11 600	41.7	61.4	9 800							36.0
38.0										10.4	50.9	10 900	34.1	58.9	9 200	47.3	61.5	7 600				38.0
40.0													24.5	55.3	8 600	40.5	59.5	7 100				40.0
42.0																32.6	56.8	6 600				42.0
44.0																22.5	52.9	6 100	38.7	57.0	4 900	44.0
46.0																			30.4	54.1	4 500	46.0
48.0																			19.2	49.7	4 100	48.0



Liftcrane Luffing Jib Capacities

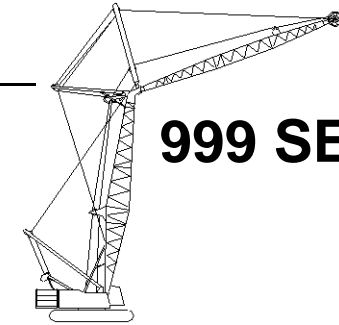
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

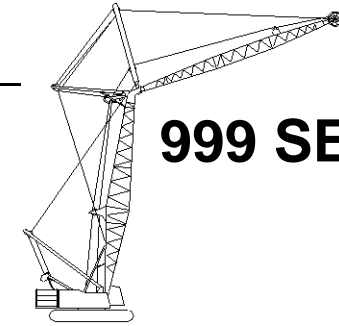
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	30 000	63.5	72.3	26 700 b																20.0
22.0	48.4	68.7	27 300	58.8	71.2	24 200	64.4	72.1	22 500 b													22.0
24.0	42.6	66.7	25 000	53.7	69.9	22 100	59.6	71.0	20 500													24.0
26.0	36.0	64.2	23 000	48.4	68.3	20 400	54.7	69.7	18 800													26.0
28.0	28.1	61.1	21 400	42.5	66.3	18 800	49.4	68.2	17 400	59.4	70.0	15 100 b										28.0
30.0	17.3	56.3	19 000	35.9	63.8	17 500	43.6	66.3	16 100	54.4	68.7	14 000										30.0
32.0				28.0	60.6	16 400	37.2	63.9	15 000	49.0	67.2	13 000										32.0
34.0				17.1	55.8	15 400	29.6	60.9	14 100	43.3	65.2	12 100	53.8	67.3	10 200							34.0
36.0							19.5	56.5	13 200	36.7	62.9	11 300	48.5	65.7	9 500							36.0
38.0										29.1	59.8	10 600	42.6	63.8	8 900							38.0
40.0										18.7	55.2	10 000	36.0	61.3	8 300	47.5	63.8	6 800				40.0
42.0													28.1	58.1	7 800	41.5	61.8	6 300				42.0
44.0													17.3	53.3	7 300	34.8	59.3	5 900				44.0
46.0																26.6	55.9	5 600	40.0	59.3	4 300	46.0
48.0																14.7	50.6	5 100	32.9	56.6	4 000	48.0
50.0																			24.2	53.0	3 700	50.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	71.0	77.0	33 400 *b																			13.7
14.0	70.5	76.9	33 200 *b																			14.0
16.0	66.4	76.1	31 400 *b																			16.0
18.0	62.2	75.1	29 700 *																			18.0
20.0	57.9	73.9	28 200 *	66.4	75.7	26 100 b																20.0
22.0	53.3	72.6	26 600	62.2	74.7	23 700																22.0
24.0	48.5	71.0	24 500	57.8	73.6	21 600	62.9	74.5	20 000													24.0
26.0	43.3	69.0	22 500	53.3	72.2	19 900	58.6	73.4	18 400													26.0
28.0	37.5	66.7	20 900	48.4	70.6	18 400	54.1	72.1	16 900													28.0
30.0	30.7	63.7	19 500	43.2	68.6	17 100	49.3	70.5	15 700	58.4	72.4	13 500										30.0
32.0	22.3	59.7	18 200	37.4	66.3	15 900	44.2	68.6	14 600	53.8	71.1	12 600										32.0
34.0				30.6	63.3	14 900	38.5	66.3	13 600	49.0	69.5	11 700										34.0
36.0				22.2	59.3	14 000	32.0	63.5	12 800	43.9	67.6	10 900	53.3	69.6	9 100							36.0
38.0				7.4	51.7	13 300	23.9	59.7	12 000	38.1	65.3	10 200	48.5	68.0	8 500							38.0
40.0										31.5	62.4	9 600	43.3	66.1	8 000							40.0
42.0										23.4	58.5	9 000	37.5	63.7	7 500	47.7	66.1	6 000				42.0
44.0										10.4	51.9	8 500	30.8	60.8	7 000	42.3	64.1	5 600				44.0
46.0													22.3	56.8	6 600	36.4	61.7	5 200	46.4	63.8	3 900	46.0
48.0																29.5	58.6	4 900	40.9	61.7	3 600	48.0
50.0																20.6	54.3	4 500	34.8	59.1	3 400	50.0
52.0																			27.6	55.8	3 100	52.0
54.0																			17.8	51.0	2 900	54.0



Liftcrane Luffing Jib Capacities

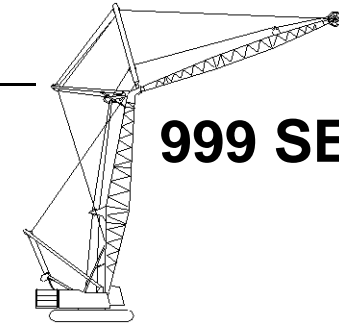
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

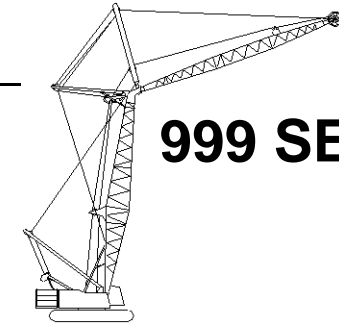
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	25 800 b																20.0
22.0	57.1	76.3	25 700 *	64.9	78.1	23 300																22.0
24.0	53.0	74.9	24 100	61.1	77.1	21 300	65.6	77.9	19 800													24.0
26.0	48.5	73.3	22 200	57.1	75.9	19 600	61.8	76.9	18 100													26.0
28.0	43.8	71.3	20 600	52.9	74.5	18 100	57.8	75.7	16 700													28.0
30.0	38.6	69.1	19 100	48.5	72.9	16 800	53.7	74.4	15 500													30.0
32.0	32.8	66.3	17 900	43.7	70.9	15 600	49.3	72.8	14 400	57.6	74.7	12 400										32.0
34.0	25.8	62.7	16 800	38.5	68.6	14 600	44.6	70.9	13 400	53.4	73.4	11 500										34.0
36.0	16.2	57.5	15 300	32.7	65.9	13 700	39.5	68.7	12 600	49.0	71.8	10 700										36.0
38.0				25.7	62.3	13 000	33.8	66.0	11 800	44.3	69.9	10 000	53.0	72.0	8 400							38.0
40.0				16.0	57.0	12 300	27.0	62.6	11 100	39.2	67.6	9 400	48.6	70.3	7 800							40.0
42.0							18.1	57.8	10 500	33.4	64.9	8 800	43.8	68.4	7 300							42.0
44.0										26.6	61.5	8 300	38.6	66.1	6 800	47.8	68.4	5 400				44.0
46.0										17.5	56.5	7 900	32.8	63.3	6 400	43.0	66.5	5 100				46.0
48.0													25.8	59.8	6 100	37.7	64.1	4 700				48.0
50.0													16.2	54.5	5 700	31.7	61.2	4 400	41.7	64.0	3 300	50.0
52.0																24.4	57.5	4 100	36.3	61.6	3 000	52.0
54.0																14.0	51.7	3 900	30.0	58.5	2 800	54.0
56.0																			22.3	54.4	2 600	56.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.3	83.3	25 200 *b																			13.7
14.0	73.8	83.3	25 100 *b																			14.0
16.0	70.5	82.6	24 400 *b																			16.0
18.0	67.2	81.8	23 900 *																			18.0
20.0	63.7	80.9	23 000 *	70.5	82.2	24 700 b																20.0
22.0	60.2	79.9	21 900 *	67.1	81.5	23 200																22.0
24.0	56.5	78.6	20 800 *	63.7	80.5	21 100																24.0
26.0	52.6	77.2	19 800 *	60.1	79.5	19 400	64.3	80.3	17 900													26.0
28.0	48.6	75.6	18 900 *	56.4	78.2	17 900	60.8	79.3	16 500													28.0
30.0	44.3	73.7	18 000 *	52.6	76.8	16 600	57.1	78.1	15 300													30.0
32.0	39.6	71.4	17 200 *	48.5	75.2	15 500	53.3	76.7	14 200	60.6	78.3	12 200										32.0
34.0	34.4	68.8	16 500 *	44.2	73.3	14 500	49.3	75.1	13 300	56.9	77.1	11 400										34.0
36.0	28.3	65.5	15 500 *	39.5	71.0	13 600	45.0	73.2	12 400	53.1	75.7	10 600										36.0
38.0	20.8	61.1	14 500 *	34.3	68.4	12 800	40.4	71.1	11 600	49.0	74.1	9 900										38.0
40.0				28.2	65.1	12 000	35.3	68.5	11 000	44.7	72.2	9 300	52.6	74.3	7 700							40.0
42.0				20.7	60.7	11 400	29.4	65.3	10 400	40.1	70.0	8 700	48.6	72.6	7 200							42.0
44.0				8.0	52.8	10 800	22.2	61.2	9 800	34.9	67.4	8 200	44.3	70.7	6 700							44.0
46.0										29.0	64.2	7 700	39.6	68.5	6 300	47.9	70.7	5 000				46.0
48.0										21.7	60.0	7 300	34.4	65.8	5 900	43.5	68.8	4 600				48.0
50.0										10.4	53.0	6 900	28.3	62.5	5 600	38.7	66.5	4 300				50.0
52.0													20.8	58.2	5 300	33.4	63.7	4 000	42.4	66.4	2 900	52.0
54.0																27.2	60.3	3 800	37.5	64.0	2 600	54.0
56.0																19.2	55.7	3 500	32.0	61.1	2 400	56.0
58.0																			25.5	57.4	2 300	58.0
60.0																			16.8	52.3	2 100	60.0

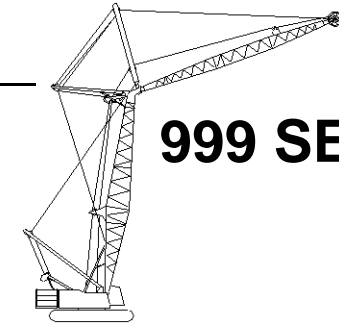


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	22 300																22.0
24.0	59.4	82.2	19 300 *	65.8	83.9	20 800																24.0
26.0	55.9	81.0	18 400 *	62.6	82.9	19 000	66.4	83.7	17 600													26.0
28.0	52.4	79.5	17 500 *	59.3	81.8	17 600	63.2	82.7	16 200													28.0
30.0	48.6	77.9	16 700 *	55.9	80.6	16 300	59.9	81.7	15 000													30.0
32.0	44.6	76.0	15 900 *	52.3	79.1	15 100	56.5	80.4	13 900	63.0	81.8	11 900										32.0
34.0	40.4	73.8	15 200 *	48.6	77.5	14 200	53.0	79.0	13 000	59.7	80.7	11 100										34.0
36.0	35.7	71.2	14 500 *	44.6	75.6	13 300	49.3	77.4	12 100	56.3	79.4	10 300										36.0
38.0	30.3	68.1	13 900 *	40.3	73.4	12 500	45.3	75.5	11 400	52.8	78.0	9 600										38.0
40.0	24.0	64.3	13 200 *	35.6	70.8	11 700	41.1	73.4	10 700	49.0	76.4	9 000	55.9	78.0	7 400							40.0
42.0	15.4	58.7	12 200 *	30.3	67.7	11 100	36.5	70.9	10 100	45.1	74.5	8 400	52.4	76.6	6 900							42.0
44.0				23.9	63.8	10 500	31.3	67.9	9 500	40.8	72.4	7 900	48.6	74.9	6 500							44.0
46.0				15.3	58.2	10 000	25.2	64.2	9 000	36.2	69.8	7 500	44.6	73.0	6 100	51.7	74.7	4 700				46.0
48.0							17.2	59.1	8 500	31.0	66.8	7 000	40.4	70.8	5 700	48.0	73.0	4 400				48.0
50.0										24.8	63.0	6 700	35.7	68.3	5 300	43.9	71.1	4 100				50.0
52.0										16.6	57.7	6 300	30.3	65.2	5 000	39.6	68.9	3 800	47.0	70.7	2 600	52.0
54.0													24.0	61.3	4 700	34.8	66.2	3 500	42.9	68.7	2 400	54.0
56.0													15.4	55.7	4 500	29.4	63.0	3 300	38.5	66.4	2 200	56.0
58.0																22.8	59.0	3 100	33.6	63.6	2 000	58.0
60.0																13.5	52.8	2 900	27.9	60.2	1 900	60.0

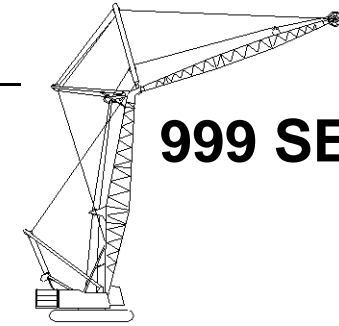


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	18 600													26.0
28.0	55.5	83.3	15 900 *	61.7	85.3	17 200	65.3	86.1	15 800										28.0
30.0	52.1	81.8	15 100 *	58.6	84.2	15 900	62.3	85.1	14 600										30.0
32.0	48.6	80.2	14 400 *	55.4	82.9	14 800	59.2	84.0	13 600										32.0
34.0	45.0	78.3	13 700 *	52.1	81.4	13 800	56.0	82.7	12 600	62.1	84.1	10 700							34.0
36.0	41.0	76.1	13 000 *	48.6	79.8	12 900	52.7	81.3	11 800	59.0	83.0	9 900							36.0
38.0	36.7	73.7	12 400 *	44.9	77.9	12 100	49.2	79.7	11 000	55.8	81.7	9 300							38.0
40.0	32.0	70.7	11 800 *	41.0	75.7	11 400	45.6	77.8	10 400	52.5	80.3	8 700							40.0
42.0	26.5	67.2	11 200 *	36.7	73.2	10 700	41.7	75.8	9 700	49.0	78.7	8 100	55.5	80.3	6 600				42.0
44.0	19.6	62.5	10 800 *	31.9	70.3	10 100	37.5	73.3	9 200	45.4	76.8	7 600	52.1	78.9	6 100				44.0
46.0				26.4	66.7	9 600	32.8	70.5	8 600	41.5	74.7	7 100	48.6	77.2	5 700				46.0
48.0				19.5	62.0	9 100	27.5	67.0	8 200	37.2	72.3	6 700	45.0	75.3	5 300	51.6	77.0	4 100	48.0
50.0				8.3	53.9	8 700	20.9	62.6	7 800	32.5	69.4	6 300	41.0	73.2	5 000	48.0	75.3	3 800	50.0
52.0										27.1	65.9	6 000	36.7	70.7	4 700	44.3	73.4	3 500	52.0
54.0										20.5	61.4	5 700	32.0	67.8	4 400	40.3	71.2	3 200	54.0
56.0										10.3	54.1	5 400	26.5	64.2	4 100	36.0	68.7	3 000	56.0
58.0													19.6	59.5	3 900	31.1	65.7	2 800	58.0
60.0																25.4	61.9	2 500	60.0
62.0																18.2	56.9	2 400	62.0
64.0																4.6	47.1	2 200	64.0



Liftcrane Luffing Jib Capacities

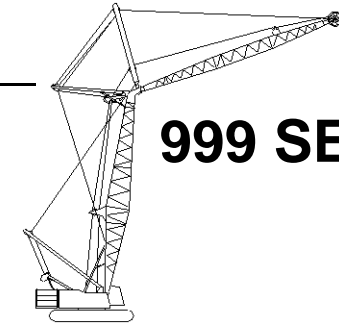
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	15 500										28.0
30.0	55.0	85.6	13 900 *	60.9	87.7	15 600	64.3	88.5	14 400										30.0
32.0	51.9	84.1	13 200 *	58.0	86.5	14 600	61.4	87.5	13 300										32.0
34.0	48.7	82.5	12 400 *	55.0	85.2	13 600	58.5	86.4	12 400										34.0
36.0	45.2	80.6	11 700 *	51.9	83.7	12 700	55.6	85.1	11 600	61.3	86.5	9 800							36.0
38.0	41.6	78.5	11 100 *	48.6	82.1	11 900	52.5	83.6	10 800	58.4	85.4	9 100							38.0
40.0	37.7	76.1	10 500 *	45.2	80.2	11 200	49.2	82.0	10 200	55.4	84.1	8 500							40.0
42.0	33.3	73.3	10 000 *	41.5	78.1	10 600	45.8	80.2	9 500	52.3	82.6	7 900							42.0
44.0	28.5	69.9	9 500 *	37.6	75.7	9 900	42.2	78.1	9 000	49.0	81.0	7 400	55.0	82.7	6 000				44.0
46.0	22.6	65.7	9 000 *	33.3	72.8	9 400	38.3	75.7	8 500	45.6	79.1	7 000	51.9	81.2	5 600				46.0
48.0	14.8	59.8	8 600 *	28.4	69.5	8 900	34.1	73.0	8 000	42.0	77.0	6 600	48.7	79.5	5 200				48.0
50.0				22.6	65.3	8 500	29.3	69.8	7 600	38.1	74.7	6 200	45.2	77.7	4 900				50.0
52.0				14.7	59.4	8 100	23.7	65.7	7 200	33.8	71.9	5 800	41.6	75.5	4 500	48.1	77.6	3 300	52.0
54.0							16.4	60.3	6 900	29.0	68.6	5 500	37.7	73.1	4 300	44.6	75.7	3 100	54.0
56.0										23.3	64.6	5 200	33.3	70.3	4 000	40.9	73.6	2 900	56.0
58.0										15.9	58.9	5 000	28.5	67.0	3 700	37.0	71.1	2 600	58.0
60.0													22.6	62.8	3 500	32.6	68.2	2 400	60.0
62.0													14.8	56.9	3 300	27.6	64.8	2 300	62.0
64.0																21.5	60.4	2 100	64.0
66.0																13.1	54.0	1 900	66.0

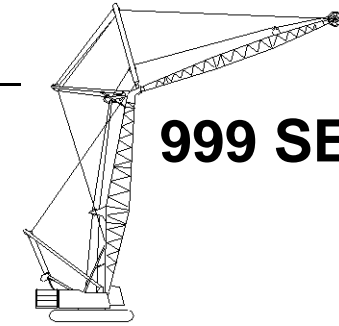


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib**



999 SERIES 1

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			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	
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	14 000										30.0
32.0	54.7	87.9	11 800 *	60.2	90.1	13 400 *	63.4	91.0	13 000										32.0
34.0	51.7	86.4	11 100 *	57.5	88.9	12 700 *	60.7	89.9	12 000										34.0
36.0	48.7	84.8	10 500 *	54.6	87.5	11 900 *	58.0	88.7	11 200										36.0
38.0	45.5	82.9	9 800 *	51.7	86.0	11 300 *	55.2	87.4	10 500	60.5	88.9	8 800							38.0
40.0	42.1	80.8	9 200 *	48.6	84.4	10 600 *	52.2	85.9	9 900	57.8	87.7	8 200							40.0
42.0	38.4	78.5	8 700 *	45.4	82.5	10 000 *	49.2	84.3	9 200	55.0	86.4	7 600							42.0
44.0	34.5	75.7	8 200 *	42.0	80.4	9 300 *	46.0	82.5	8 700	52.1	84.9	7 100							44.0
46.0	30.1	72.6	7 700 *	38.4	78.0	8 800 *	42.7	80.4	8 200	49.0	83.3	6 700	54.7	85.0	5 200				46.0
48.0	25.0	68.7	7 300 *	34.4	75.3	8 300 *	39.1	78.1	7 700	45.8	81.4	6 300	51.7	83.5	4 900				48.0
50.0	18.7	63.8	6 900 *	30.0	72.2	7 800 *	35.2	75.5	7 300	42.5	79.4	5 900	48.7	81.8	4 500				50.0
52.0				24.9	68.3	7 300 *	30.9	72.4	6 900	38.8	77.0	5 500	45.5	80.0	4 200	51.2	81.6	3 000	52.0
54.0				18.6	63.3	6 900 *	25.9	68.7	6 500	34.9	74.4	5 200	42.1	77.9	3 900	48.2	79.9	2 800	54.0
56.0				8.6	55.0	6 600 *	19.9	64.0	6 200	30.6	71.3	4 900	38.4	75.5	3 700	44.9	78.0	2 500	56.0
58.0										25.6	67.5	4 700	34.5	72.8	3 400	41.5	75.9	2 300	58.0
60.0										19.5	62.7	4 400	30.1	69.6	3 200	37.8	73.5	2 100	60.0
62.0										10.3	55.2	4 200	25.0	65.8	3 000	33.8	70.7	1 900	62.0
64.0													18.7	60.8	2 800	29.3	67.5	1 800	64.0

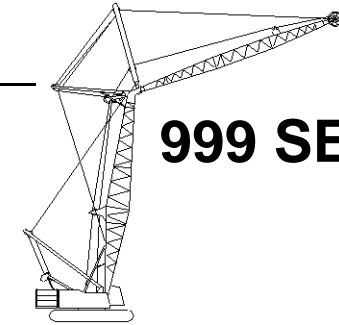


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

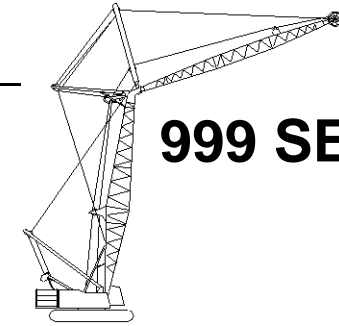
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	12 700										32.0
34.0	54.4	90.2	10 100 *	59.6	92.4	11 600 *	62.6	93.4	11 800										34.0
36.0	51.6	88.7	9 500 *	57.0	91.2	10 900 *	60.1	92.3	11 000										36.0
38.0	48.7	87.1	8 900 *	54.3	89.8	10 200 *	57.5	91.1	10 200										38.0
40.0	45.7	85.2	8 300 *	51.5	88.3	9 600 *	54.8	89.7	9 600	59.9	91.3	7 900							40.0
42.0	42.5	83.1	7 800 *	48.7	86.7	8 900 *	52.1	88.2	9 000	57.3	90.1	7 400							42.0
44.0	39.1	80.8	7 300 *	45.6	84.8	8 400 *	49.2	86.6	8 400	54.6	88.7	6 900							44.0
46.0	35.5	78.2	6 800 *	42.5	82.7	7 900 *	46.2	84.8	7 900	51.9	87.2	6 400	57.0	88.7	5 000				46.0
48.0	31.5	75.2	6 300 *	39.1	80.4	7 300 *	43.1	82.7	7 500	49.0	85.6	6 000	54.4	87.3	4 700				48.0
50.0	26.9	71.6	5 900 *	35.4	77.8	6 900 *	39.7	80.5	7 000	46.0	83.7	5 600	51.6	85.8	4 300				50.0
52.0	21.5	67.2	5 400 *	31.4	74.8	6 400 *	36.1	77.9	6 600	42.9	81.7	5 300	48.7	84.1	4 000				52.0
54.0	14.4	61.0	5 000 *	26.9	71.2	6 000 *	32.2	75.0	6 300	39.5	79.4	5 000	45.7	82.3	3 700	51.1	83.9	2 500	54.0
56.0				21.5	66.7	5 500 *	27.7	71.5	5 900	35.9	76.8	4 700	42.5	80.2	3 400	48.2	82.2	2 300	56.0
58.0				14.2	60.5	5 000 *	22.5	67.2	5 600 *	31.9	73.8	4 400	39.1	77.9	3 200	45.2	80.4	2 100	58.0
60.0							15.8	61.5	5 100 *	27.5	70.3	4 100	35.5	75.3	3 000	42.0	78.2	1 900	60.0
62.0										22.2	66.0	3 900	31.5	72.2	2 800				62.0
64.0										15.3	60.1	3 700	26.9	68.7	2 600				64.0
66.0													21.5	64.2	2 400				66.0
68.0													14.4	58.0	2 200				68.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

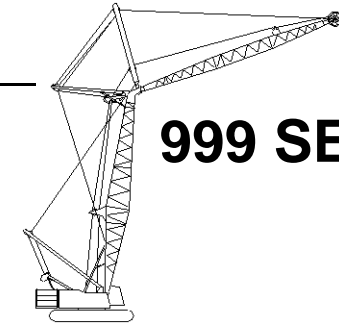
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	57.9	69.3	39 600 b																			15.2
16.0	55.5	68.8	37 900 b																			16.0
18.0	48.7	67.2	33 800																			18.0
20.0	41.1	65.2	30 600	56.3	68.5	27 000 b																20.0
22.0	32.0	62.5	27 900	49.5	67.0	24 500 b	57.9	68.4	22 700 b													22.0
24.0	19.7	58.4	24 600	42.0	65.1	22 400	51.3	67.0	20 700 b													24.0
26.0				33.2	62.5	20 700	44.1	65.2	19 000	58.4	67.6	16 400 b										26.0
28.0				21.5	58.6	19 200	35.7	62.8	17 600	51.8	66.2	15 100 b										28.0
30.0							25.0	59.4	16 400	44.6	64.4	14 000										30.0
32.0										36.3	62.0	13 000	51.9	64.9	10 900 b							32.0
34.0										25.9	58.7	12 100	44.8	63.1	10 200							34.0
36.0													36.5	60.7	9 500							36.0
38.0													26.2	57.5	8 900	44.4	61.3	7 200				38.0
40.0																36.1	58.9	6 700				40.0
42.0																25.6	55.6	6 200				42.0
44.0																			43.4	59.0	4 800	44.0
46.0																			24.0	53.0	4 100	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

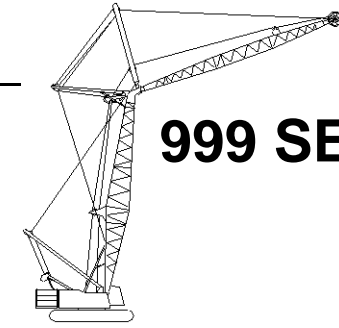
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	36 700 b																			16.0
18.0	54.7	71.1	33 200																			18.0
20.0	48.7	69.5	29 900	60.9	72.1	26 400 b																20.0
22.0	42.1	67.5	27 200	55.4	70.8	24 000 b	62.3	72.0	22 100 b													22.0
24.0	34.5	65.0	25 000	49.5	69.3	21 900	56.9	70.8	20 200 b													24.0
26.0	25.1	61.5	23 100	42.9	67.4	20 200	51.0	69.3	18 500	62.7	71.1	15 900 b										26.0
28.0				35.5	64.9	18 700	44.7	67.5	17 100	57.2	69.9	14 700 b										28.0
30.0				26.3	61.6	17 400	37.6	65.2	15 900	51.5	68.5	13 600										30.0
32.0				12.0	55.8	16 300	29.0	62.2	14 800	45.2	66.7	12 600	57.4	68.6	10 500 b							32.0
34.0										38.1	64.4	11 700	51.6	67.2	9 800							34.0
36.0										29.6	61.5	11 000	45.3	65.4	9 100							36.0
38.0										18.0	56.9	10 300	38.2	63.1	8 500							38.0
40.0													29.8	60.2	7 900	45.0	63.6	6 300				40.0
42.0													18.3	55.7	7 400	37.9	61.3	5 800				42.0
44.0																29.4	58.3	5 500				44.0
46.0																			36.9	59.0	3 800	46.0
48.0																			28.2	55.9	3 500	48.0
50.0																			15.5	50.9	3 200	50.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

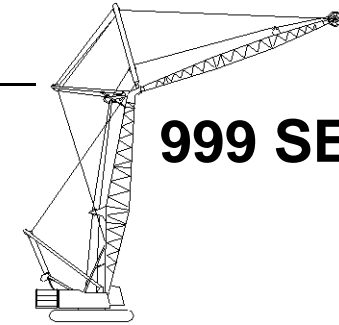
Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	69.1	76.8	35 500 *b																			13.7
14.0	68.4	76.7	35 300 *b																			14.0
16.0	63.9	75.8	33 500 *b																			16.0
18.0	59.1	74.7	31 800 *																			18.0
20.0	54.1	73.4	29 400	64.4	75.5	25 900 b																20.0
22.0	48.7	71.8	26 700	59.7	74.5	23 500 b	65.6	75.3	21 700 b													22.0
24.0	42.9	69.9	24 500	54.7	73.2	21 500	60.9	74.3	19 800													24.0
26.0	36.4	67.4	22 600	49.4	71.6	19 800	56.0	73.1	18 200													26.0
28.0	28.6	64.3	21 000	43.6	69.7	18 300	50.8	71.6	16 800	61.3	73.4	14 300 b										28.0
30.0	18.0	59.7	19 100	37.2	67.4	17 000	45.2	69.8	15 500	56.4	72.2	13 200										30.0
32.0				29.6	64.3	15 900	39.0	67.6	14 500	51.2	70.8	12 300										32.0
34.0				19.5	60.0	14 900	31.7	64.8	13 500	45.6	69.0	11 400	56.5	70.9	9 500							34.0
36.0							22.6	60.9	12 700	39.4	66.8	10 700	51.3	69.5	8 800							36.0
38.0										32.3	64.0	10 000	45.7	67.7	8 200							38.0
40.0										23.3	60.2	9 400	39.6	65.5	7 700	51.1	67.7	6 000				40.0
42.0													32.4	62.8	7 200	45.5	65.9	5 600				42.0
44.0													23.5	59.0	6 700	39.2	63.7	5 200				44.0
46.0																32.1	60.9	4 800	44.7	63.6	3 500	46.0
48.0																23.0	57.1	4 600	38.4	61.4	3 200	48.0
50.0																			31.1	58.5	3 000	50.0
52.0																			21.6	54.5	2 700	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

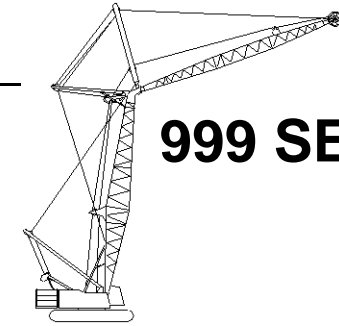
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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	25 300 b																20.0
22.0	53.6	75.7	26 300	63.0	77.9	23 000																22.0
24.0	48.8	74.1	24 000	58.7	76.8	21 000	64.1	77.8	19 300													24.0
26.0	43.6	72.2	22 100	54.1	75.5	19 300	59.8	76.7	17 700													26.0
28.0	37.8	69.8	20 500	49.4	73.9	17 800	55.3	75.4	16 300													28.0
30.0	31.1	66.9	19 100	44.2	72.0	16 500	50.6	73.9	15 100	60.1	75.8	12 800										30.0
32.0	22.8	63.0	17 900	38.5	69.8	15 400	45.6	72.1	14 100	55.7	74.6	11 900										32.0
34.0				32.0	66.9	14 400	40.0	70.0	13 100	51.0	73.1	11 000										34.0
36.0				24.0	63.2	13 600	33.8	67.3	12 300	46.0	71.3	10 300	55.8	73.2	8 400							36.0
38.0				11.7	56.9	12 800	26.3	63.9	11 600	40.5	69.2	9 600	51.1	71.8	7 800							38.0
40.0										34.3	66.5	9 000	46.1	70.0	7 300							40.0
42.0										26.9	63.2	8 500	40.6	67.9	6 800	50.8	70.0	5 200				42.0
44.0										16.7	58.2	8 000	34.4	65.3	6 300	45.8	68.2	4 800				44.0
46.0													27.0	61.9	6 000	40.3	66.1	4 500				46.0
48.0													17.0	57.0	5 600	34.1	63.4	4 200	45.1	66.0	2 900	48.0
50.0																26.6	60.0	3 900	39.6	63.8	2 600	50.0
52.0																			33.2	61.1	2 400	52.0
54.0																			25.6	57.5	2 200	54.0
56.0																			14.6	52.0	2 000	56.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.0	83.2	30 400 *b																			13.7
14.0	72.5	83.1	30 300 *b																			14.0
16.0	68.9	82.4	29 300 *b																			16.0
18.0	65.2	81.6	28 000 *																			18.0
20.0	61.3	80.6	26 800 *	69.3	82.1	24 900 b																20.0
22.0	57.3	79.4	25 600	65.6	81.3	22 600																22.0
24.0	53.2	78.0	23 700	61.8	80.3	20 700																24.0
26.0	48.8	76.4	21 800	57.8	79.2	19 000	62.8	80.2	17 400													26.0
28.0	44.1	74.5	20 200	53.7	77.8	17 600	58.9	79.1	16 100													28.0
30.0	38.9	72.2	18 800	49.3	76.2	16 300	54.8	77.8	14 900													30.0
32.0	33.1	69.5	17 600	44.7	74.3	15 200	50.5	76.2	13 800	59.2	78.2	11 700										32.0
34.0	26.2	66.0	16 500	39.6	72.1	14 200	45.9	74.4	12 900	55.1	76.9	10 900										34.0
36.0	16.8	60.9	15 400	33.8	69.4	13 300	40.9	72.3	12 100	50.8	75.4	10 100										36.0
38.0				27.1	66.0	12 600	35.4	69.8	11 300	46.2	73.6	9 500										38.0
40.0				18.2	61.2	11 900	29.0	66.6	10 700	41.3	71.5	8 900	50.9	74.1	7 200							40.0
42.0							20.9	62.3	10 100	35.8	69.0	8 300	46.3	72.3	6 700							42.0
44.0										29.5	65.9	7 800	41.4	70.2	6 300							44.0
46.0										21.5	61.7	7 400	35.9	67.7	5 800	46.1	70.5	4 400				46.0
48.0													29.6	64.6	5 500	41.2	68.4	4 100				48.0
50.0													21.7	60.4	5 200	35.7	65.9	3 800				50.0
52.0																29.3	62.8	3 600	40.5	66.1	2 300	52.0
54.0																21.3	58.5	3 300	34.9	63.5	2 100	54.0
56.0																			28.4	60.3	1 900	56.0

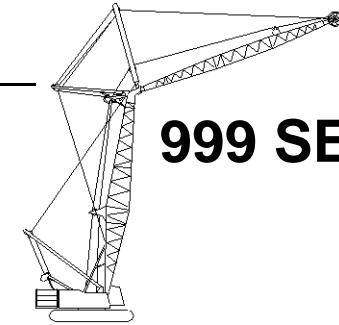


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	22 400													22.0
24.0	56.7	81.7	20 800 *	64.3	83.7	20 500													24.0
26.0	52.8	80.3	19 900 *	60.8	82.7	18 800	65.2	83.6	17 300										26.0
28.0	48.8	78.7	18 900 *	57.1	81.5	17 400	61.7	82.6	15 900										28.0
30.0	44.5	76.8	18 100 *	53.3	80.1	16 100	58.1	81.4	14 700										30.0
32.0	39.8	74.6	17 300 *	49.3	78.5	15 000	54.3	80.1	13 700	62.0	81.7	11 500							32.0
34.0	34.7	72.0	16 300	45.0	76.7	14 100	50.4	78.5	12 800	58.4	80.5	10 700							34.0
36.0	28.7	68.7	15 200 *	40.4	74.5	13 200	46.2	76.8	11 900	54.6	79.2	10 000							36.0
38.0	21.3	64.4	14 300 *	35.3	71.9	12 400	41.6	74.7	11 200	50.6	77.7	9 300							38.0
40.0				29.4	68.8	11 700	36.7	72.2	10 500	46.5	75.9	8 700	54.7	77.9	7 000				40.0
42.0				22.3	64.6	11 000	31.1	69.2	9 900	42.0	73.9	8 200	50.7	76.4	6 600				42.0
44.0				11.4	58.0	10 500	24.3	65.4	9 400	37.1	71.4	7 700	46.6	74.6	6 100				44.0
46.0										31.5	68.5	7 200	42.1	72.6	5 700	50.5	74.6	4 300	46.0
48.0										24.8	64.8	6 800	37.2	70.1	5 300	46.4	72.8	4 000	48.0
50.0										15.8	59.4	6 500	31.6	67.2	5 000	41.9	70.8	3 700	50.0
52.0													25.0	63.5	4 700	36.9	68.3	3 400	52.0
54.0													16.0	58.2	4 400	31.3	65.4	3 200	54.0
56.0																24.6	61.6	2 900	56.0

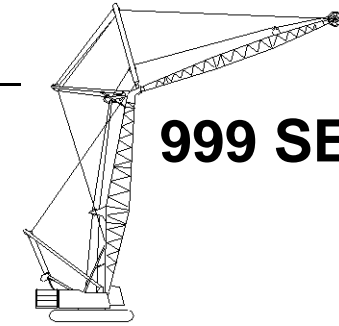


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	21 900													22.0
24.0	59.5	85.3	19 300 *	66.4	87.1	20 100													24.0
26.0	56.1	84.1	18 400 *	63.2	86.2	18 500	67.2	86.9	16 900										26.0
28.0	52.6	82.6	17 500 *	59.9	85.1	17 000	64.1	86.0	15 600										28.0
30.0	48.8	81.0	16 700 *	56.5	83.8	15 800	60.8	85.0	14 400										30.0
32.0	44.9	79.1	15 900 *	53.0	82.4	14 700	57.4	83.8	13 400										32.0
34.0	40.6	77.0	15 200 *	49.3	80.8	13 700	53.9	82.4	12 400	61.0	84.1	10 400							34.0
36.0	35.9	74.4	14 500 *	45.3	79.0	12 800	50.3	80.8	11 600	57.7	82.9	9 700							36.0
38.0	30.6	71.4	13 800 *	41.1	76.8	12 100	46.4	79.1	10 900	54.2	81.5	9 100							38.0
40.0	24.4	67.5	13 000 *	36.5	74.3	11 300	42.2	77.0	10 300	50.5	80.0	8 500							40.0
42.0	16.0	62.1	12 200 *	31.3	71.4	10 700	37.7	74.6	9 600	46.7	78.2	7 900	54.2	80.2	6 300				42.0
44.0				25.2	67.7	10 200	32.7	71.8	9 100	42.5	76.2	7 400	50.6	78.7	5 900				44.0
46.0				17.2	62.5	9 600	26.9	68.3	8 600	38.1	73.8	7 000	46.7	76.9	5 500				46.0
48.0							19.6	63.6	8 200	33.1	71.0	6 600	42.6	74.9	5 100	50.4	76.9	3 700	48.0
50.0										27.4	67.6	6 200	38.2	72.5	4 800	46.6	75.1	3 400	50.0
52.0										20.2	63.1	5 900	33.2	69.8	4 500	42.4	73.1	3 200	52.0
54.0													27.5	66.3	4 200	38.0	70.7	3 000	54.0
56.0													20.3	61.8	3 900	33.0	67.9	2 700	56.0
58.0																27.2	64.5	2 500	58.0
60.0																20.0	59.9	2 300	60.0

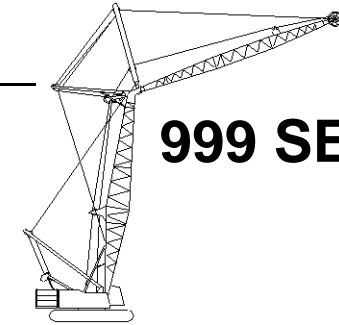


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	19 500													24.0
26.0	58.8	87.7	16 800 *	65.3	89.5	18 000													26.0
28.0	55.6	86.4	16 000 *	62.3	88.6	16 600	66.0	89.4	15 200										28.0
30.0	52.3	84.9	15 200 *	59.2	87.4	15 400	63.1	88.4	14 000										30.0
32.0	48.8	83.3	14 400 *	56.0	86.2	14 300	60.0	87.3	13 000										32.0
34.0	45.2	81.4	13 700 *	52.7	84.7	13 400	56.9	86.1	12 100										34.0
36.0	41.2	79.3	13 000 *	49.3	83.1	12 500	53.6	84.7	11 300	60.2	86.4	9 300							36.0
38.0	37.0	76.8	12 400 *	45.6	81.3	11 700	50.2	83.1	10 600	57.1	85.2	8 700							38.0
40.0	32.3	73.9	11 800 *	41.7	79.2	11 000	46.6	81.4	9 900	53.8	83.8	8 100							40.0
42.0	26.8	70.4	11 300 *	37.5	76.8	10 400	42.8	79.3	9 300	50.4	82.3	7 600							42.0
44.0	20.0	65.8	10 800 *	32.8	73.9	9 800	38.6	77.0	8 800	46.8	80.5	7 100	53.9	82.5	5 500				44.0
46.0				27.5	70.5	9 300	34.1	74.3	8 300	43.0	78.5	6 600	50.5	81.0	5 200				46.0
48.0				20.9	66.0	8 800	29.0	71.0	7 800	38.9	76.2	6 300	46.9	79.2	4 800				48.0
50.0				11.3	59.1	8 400	22.8	66.9	7 400	34.4	73.5	5 900	43.1	77.2	4 400	50.3	79.2	3 100	50.0
52.0										29.4	70.3	5 500	39.0	74.9	4 100	46.7	77.4	2 900	52.0
54.0										23.3	66.3	5 200	34.5	72.2	3 900	42.9	75.4	2 600	54.0
56.0										15.1	60.5	5 000	29.5	69.0	3 600	38.8	73.1	2 400	56.0
58.0													23.4	65.0	3 400	34.3	70.4	2 200	58.0
60.0													15.3	59.3	3 200	29.2	67.2	2 000	60.0
62.0																23.1	63.1	1 900	62.0

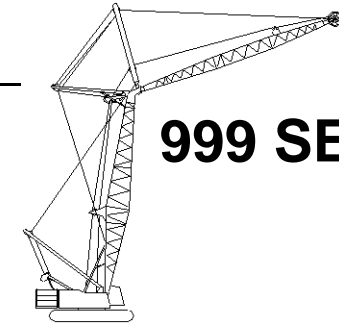


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

**Maximum Operating Wind Speeds
 (all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	16 400													28.0
30.0	55.2	88.7	13 900 *	61.4	90.9	15 200	65.0	91.8	13 800										30.0
32.0	52.1	87.2	13 200 *	58.6	89.8	14 100	62.2	90.8	12 800										32.0
34.0	48.8	85.6	12 400 *	55.6	88.5	13 200	59.3	89.7	11 900										34.0
36.0	45.4	83.7	11 800 *	52.5	87.0	12 300	56.4	88.4	11 100										36.0
38.0	41.8	81.6	11 200 *	49.2	85.4	11 500	53.3	87.0	10 400	59.5	88.8	8 600							38.0
40.0	37.9	79.2	10 600 *	45.8	83.6	10 800	50.1	85.4	9 700	56.6	87.5	8 000							40.0
42.0	33.6	76.5	10 000 *	42.2	81.5	10 200	46.7	83.7	9 100	53.5	86.1	7 400							42.0
44.0	28.7	73.2	9 500 *	38.4	79.2	9 600	43.2	81.7	8 600	50.3	84.6	6 900							44.0
46.0	23.0	69.0	9 100 *	34.1	76.4	9 100	39.4	79.4	8 100	47.0	82.8	6 500	53.6	84.8	5 000				46.0
48.0	15.4	63.3	8 700 *	29.3	73.2	8 600	35.3	76.8	7 600	43.5	80.8	6 100	50.4	83.3	4 700				48.0
50.0				23.7	69.2	8 200	30.7	73.7	7 200	39.7	78.6	5 800	47.0	81.5	4 300				50.0
52.0				16.4	63.7	7 800	25.3	69.9	6 900	35.6	76.0	5 400	43.5	79.5	4 100	50.2	81.5	2 700	52.0
54.0							18.6	64.9	6 500	31.0	72.9	5 100	39.7	77.3	3 800	46.9	79.7	2 500	54.0
56.0										25.7	69.2	4 800	35.6	74.7	3 500	43.4	77.8	2 300	56.0
58.0										19.1	64.4	4 600	31.1	71.7	3 300	39.6	75.5	2 100	58.0
60.0													25.8	68.0	3 100	35.5	72.9	1 900	60.0
62.0													19.3	63.2	2 800				62.0
64.0													9.0	55.2	2 700				64.0

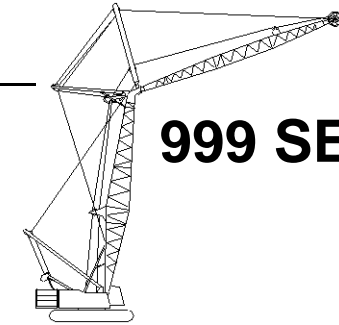


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	13 400							30.0
32.0	54.8	91.0	11 800 *	60.7	93.3	13 600 *	64.1	94.2	12 400							32.0
34.0	51.9	89.6	11 100 *	58.0	92.1	12 800	61.4	93.2	11 500							34.0
36.0	48.9	87.9	10 500 *	55.2	90.8	12 000	58.7	92.0	10 800							36.0
38.0	45.7	86.0	9 900 *	52.3	89.3	11 200	55.9	90.8	10 100							38.0
40.0	42.3	84.0	9 300 *	49.2	87.7	10 500	53.0	89.3	9 400	58.9	91.1	7 600				40.0
42.0	38.6	81.6	8 700 *	46.0	85.9	9 900	50.0	87.7	8 800	56.1	89.9	7 100				42.0
44.0	34.7	78.9	8 200 *	42.7	83.8	9 300	46.9	86.0	8 300	53.2	88.5	6 600				44.0
46.0	30.3	75.8	7 700 *	39.1	81.5	8 800	43.6	84.0	7 800	50.2	86.9	6 200	56.2	88.6	4 700	46.0
48.0	25.3	72.0	7 300 *	35.2	78.9	8 300	40.0	81.7	7 400	47.1	85.1	5 800	53.3	87.1	4 300	48.0
50.0	19.1	67.1	6 900 *	30.9	75.8	7 900	36.2	79.2	6 900	43.8	83.2	5 400	50.3	85.6	4 000	50.0
52.0				25.9	72.1	7 400 *	32.1	76.3	6 500	40.3	80.9	5 100	47.2	83.8	3 700	52.0
54.0				19.9	67.4	7 000 *	27.3	72.7	6 200	36.5	78.4	4 800	43.9	81.9	3 400	54.0
56.0				11.1	60.2	6 700 *	21.6	68.3	5 900	32.4	75.5	4 500	40.4	79.6	3 200	56.0
58.0										27.7	72.0	4 200	36.6	77.1	3 000	58.0
60.0										22.1	67.7	4 000	32.5	74.2	2 800	60.0
62.0										14.6	61.7	3 800	27.8	70.8	2 600	62.0
64.0													22.2	66.5	2 400	64.0
66.0													14.8	60.5	2 200	66.0

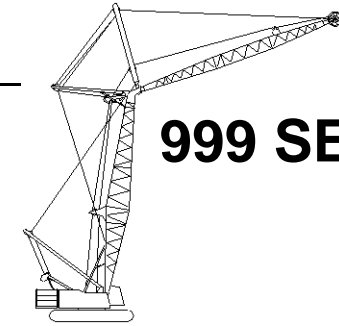


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

**Maximum Operating Wind Speeds
 (all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib**



999 SERIES 1

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			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	
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	12 100							32.0
34.0	54.5	93.4	10 100 *	60.1	95.7	11 700 *	63.2	96.6	11 300							34.0
36.0	51.7	91.9	9 500 *	57.5	94.5	11 000 *	60.7	95.6	10 500							36.0
38.0	48.9	90.2	8 900 *	54.8	93.1	10 300 *	58.2	94.4	9 800							38.0
40.0	45.9	88.4	8 300 *	52.1	91.7	9 700 *	55.5	93.1	9 100	60.9	94.7	7 400				40.0
42.0	42.7	86.3	7 800 *	49.2	90.0	9 100 *	52.8	91.6	8 600	58.3	93.5	6 800				42.0
44.0	39.3	84.0	7 300 *	46.2	88.2	8 500 *	50.0	90.0	8 000	55.7	92.2	6 400				44.0
46.0	35.7	81.4	6 800 *	43.1	86.2	8 000 *	47.0	88.3	7 500	53.0	90.8	6 000				46.0
48.0	31.7	78.4	6 400 *	39.7	83.9	7 500 *	43.9	86.3	7 100	50.2	89.2	5 600	55.8	90.9	4 100	48.0
50.0	27.2	74.9	6 000 *	36.1	81.3	7 000 *	40.6	84.1	6 700	47.2	87.4	5 200	53.0	89.5	3 800	50.0
52.0	21.9	70.5	5 500 *	32.2	78.4	6 500 *	37.1	81.6	6 300	44.1	85.5	4 900	50.2	87.9	3 500	52.0
54.0	14.8	64.4	5 000 *	27.8	74.9	6 100 *	33.3	78.8	6 000	40.9	83.3	4 500	47.3	86.1	3 200	54.0
56.0				22.6	70.7	5 600 *	29.0	75.5	5 600	37.3	80.8	4 300	44.2	84.2	3 000	56.0
58.0				15.8	64.9	5 100 *	24.0	71.5	5 300	33.5	78.0	4 000	40.9	82.0	2 800	58.0
60.0							17.8	66.2	5 100	29.3	74.7	3 700	37.4	79.5	2 500	60.0
62.0										24.4	70.8	3 500	33.6	76.7	2 300	62.0
64.0										18.3	65.7	3 300	29.4	73.5	2 100	64.0
66.0													24.5	69.5	2 000	66.0
68.0													18.5	64.5	1 800	68.0



Liftcrane Luffing Jib Capacities

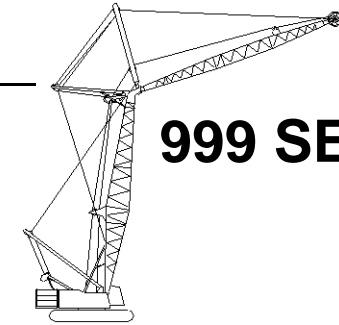
Luffing Jib No. 135 On Boom No. 82 or 22EL

67 860 kg Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

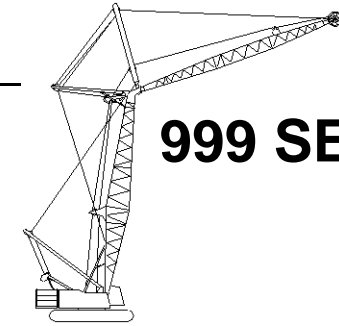
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	62.6	75.9	37 500 *b																			15.2
16.0	60.6	75.5	36 100 b																			16.0
18.0	55.0	74.2	32 400																			18.0
20.0	49.0	72.6	29 300	61.9	75.3	25 600 b																20.0
22.0	42.5	70.7	26 700	56.4	74.1	23 200 b	63.7	75.2	21 300 b													22.0
24.0	35.0	68.2	24 500	50.6	72.6	21 200	58.3	74.1	19 400 b													24.0
26.0	25.6	64.8	22 700	44.2	70.8	19 500	52.6	72.7	17 800													26.0
28.0				37.0	68.5	18 100	46.4	71.0	16 400	59.4	73.3	13 800 b										28.0
30.0				28.2	65.3	16 800	39.5	68.9	15 200	53.8	72.0	12 700										30.0
32.0				15.6	60.4	15 800	31.4	66.1	14 200	47.7	70.4	11 800										32.0
34.0							20.7	62.0	13 300	41.0	68.3	11 000	54.6	70.8	8 900							34.0
36.0										33.2	65.7	10 300	48.7	69.2	8 300							36.0
38.0										23.3	62.0	9 600	42.0	67.2	7 700							38.0
40.0													34.4	64.7	7 200	49.1	67.6	5 500				40.0
42.0													24.9	61.2	6 700	42.6	65.6	5 100				42.0
44.0													8.6	54.6	6 300	35.1	63.1	4 700				44.0
46.0																25.8	59.7	4 400				46.0
48.0																			42.5	63.5	2 900	48.0
50.0																			35.0	61.0	2 700	50.0
																			25.7	57.6	2 400	



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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	31 600																			18.0
20.0	54.4	76.5	28 800	65.3	78.7	25 100 b																20.0
22.0	49.0	74.9	26 200	60.6	77.7	22 800 b																22.0
24.0	43.2	73.0	24 000	55.6	76.5	20 800	62.2	77.6	19 000 b													24.0
26.0	36.7	70.6	22 200	50.4	74.9	19 200	57.3	76.5	17 400													26.0
28.0	29.0	67.5	20 600	44.8	73.1	17 700	52.2	75.1	16 100													28.0
30.0	18.7	63.0	19 200	38.5	70.9	16 500	46.7	73.3	14 900	58.3	75.7	12 400										30.0
32.0				31.1	68.0	15 300	40.7	71.3	13 900	53.3	74.3	11 500										32.0
34.0				21.7	64.0	14 400	33.8	68.6	12 900	47.9	72.7	10 700										34.0
36.0							25.3	65.1	12 100	41.9	70.7	10 000	54.0	73.1	8 000							36.0
38.0							12.3	59.2	11 500	35.2	68.2	9 300	48.7	71.5	7 400							38.0
40.0										27.2	64.9	8 800	42.9	69.6	6 900							40.0
42.0										15.7	59.8	8 300	36.3	67.2	6 500	49.1	69.9	4 800				42.0
44.0													28.5	64.0	6 100	43.3	68.0	4 400				44.0
46.0													17.9	59.3	5 700	36.8	65.6	4 100				46.0
48.0																29.2	62.5	3 800	43.3	65.8	2 400	48.0
50.0																18.9	58.0	3 600	36.8	63.4	2 200	50.0
52.0																		29.1	60.3	2 000		52.0

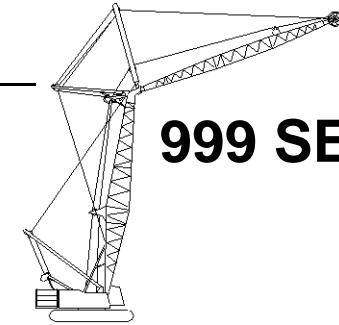


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

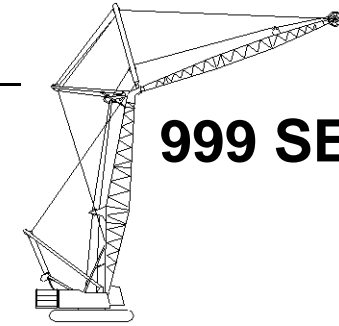
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	27 900	67.9	82.0	24 500 b													20.0
22.0	53.8	78.8	25 700	63.8	81.1	22 200 b													22.0
24.0	49.0	77.2	23 500	59.5	80.1	20 300	65.2	81.0	18 500										24.0
26.0	43.8	75.3	21 700	55.0	78.8	18 700	60.9	80.0	16 900										26.0
28.0	38.1	73.0	20 100	50.3	77.2	17 300	56.5	78.8	15 600										28.0
30.0	31.5	70.2	18 700	45.2	75.4	16 000	51.9	77.4	14 500										30.0
32.0	23.4	66.3	17 600	39.6	73.2	14 900	47.0	75.6	13 400	57.4	78.0	11 100							32.0
34.0				33.3	70.5	13 900	41.6	73.6	12 500	52.9	76.6	10 300							34.0
36.0				25.6	67.0	13 100	35.5	71.1	11 700	48.0	75.0	9 600							36.0
38.0				14.7	61.5	12 400	28.4	67.9	11 000	42.7	73.0	9 000	53.5	75.4	7 100				38.0
40.0							19.1	63.3	10 400	36.8	70.6	8 400	48.7	73.8	6 500				40.0
42.0										30.0	67.6	7 900	43.5	71.9	6 100				42.0
44.0										21.3	63.4	7 400	37.7	69.6	5 700	49.1	72.2	4 100	44.0
46.0													31.1	66.6	5 300	43.9	70.3	3 800	46.0
48.0													22.7	62.7	5 000	38.2	68.0	3 500	48.0
50.0													8.9	55.7	4 700	31.6	65.1	3 200	50.0
52.0																23.5	61.3	3 000	52.0



999 SERIES 1

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)
 10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib

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			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	
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	24 400 b													20.0
22.0	57.6	82.5	23 400 *	66.3	84.5	22 200													22.0
24.0	53.4	81.1	22 500 *	62.5	83.5	20 300													24.0
26.0	49.0	79.5	21 500	58.6	82.4	18 700	63.8	83.5	17 000										26.0
28.0	44.3	77.7	20 000	54.5	81.1	17 300	59.9	82.4	15 700										28.0
30.0	39.2	75.4	18 700	50.2	79.5	16 000	55.9	81.1	14 500										30.0
32.0	33.4	72.7	17 500	45.5	77.7	14 900	51.7	79.7	13 500	60.7	81.6	11 200							32.0
34.0	26.6	69.2	16 400 *	40.5	75.6	14 000	47.1	77.9	12 600	56.7	80.4	10 400							34.0
36.0	17.5	64.3	15 400 *	35.0	73.0	13 100	42.3	75.9	11 800	52.5	78.9	9 700							36.0
38.0				28.4	69.8	12 300	36.9	73.5	11 100	48.1	77.3	9 100							38.0
40.0				20.1	65.3	11 700	30.8	70.5	10 400	43.3	75.3	8 500	53.1	77.7	6 700				40.0
42.0							23.3	66.6	9 800	38.0	73.0	8 000	48.7	76.1	6 200				42.0
44.0							11.9	60.3	9 300	32.1	70.1	7 500	44.0	74.2	5 800				44.0
46.0										24.9	66.5	7 100	38.9	71.9	5 400	49.1	74.5	3 900	46.0
48.0										14.9	60.9	6 700	33.0	69.2	5 100	44.4	72.6	3 600	48.0
50.0													26.1	65.7	4 800	39.3	70.4	3 300	50.0
52.0													16.7	60.6	4 500	33.5	67.6	3 100	52.0
54.0																26.7	64.2	2 900	54.0
56.0																17.6	59.3	2 700	56.0

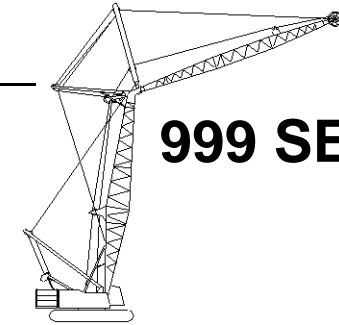


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	21 700													22.0
24.0	56.9	84.9	20 800 *	65.0	86.9	19 800													24.0
26.0	53.1	83.5	19 900 *	61.5	85.9	18 300	66.1	86.8	16 500										26.0
28.0	49.0	81.8	18 900 *	57.8	84.8	16 800	62.7	85.9	15 300										28.0
30.0	44.7	80.0	18 100 *	54.0	83.4	15 600	59.1	84.7	14 100										30.0
32.0	40.1	77.8	17 000 *	50.1	81.8	14 600	55.3	83.5	13 100										32.0
34.0	34.9	75.2	15 800 *	45.8	80.0	13 600	51.4	82.0	12 200	59.8	83.9	10 000							34.0
36.0	29.0	72.0	14 800 *	41.3	77.9	12 700	47.3	80.3	11 400	56.1	82.7	9 300							36.0
38.0	21.7	67.7	13 900 *	36.3	75.5	12 000	42.9	78.3	10 700	52.2	81.2	8 700							38.0
40.0				30.6	72.4	11 300	38.0	75.9	10 000	48.2	79.6	8 200	56.6	81.5	6 300				40.0
42.0				23.7	68.5	10 700	32.6	73.1	9 500	43.8	77.6	7 600	52.8	80.1	5 900				42.0
44.0				14.1	62.7	10 100	26.3	69.5	8 900	39.1	75.4	7 200	48.8	78.4	5 500				44.0
46.0							17.9	64.6	8 500	33.8	72.7	6 700	44.5	76.5	5 100				46.0
48.0										27.6	69.3	6 300	39.8	74.3	4 800	49.1	76.8	3 300	48.0
50.0										19.9	64.8	6 000	34.6	71.7	4 400	44.8	74.9	3 000	50.0
52.0													28.6	68.4	4 100	40.2	72.7	2 800	52.0
54.0													21.2	64.1	3 900	35.0	70.1	2 500	54.0
56.0													9.2	56.7	3 700	29.1	66.9	2 300	56.0
58.0																21.8	62.7	2 200	58.0

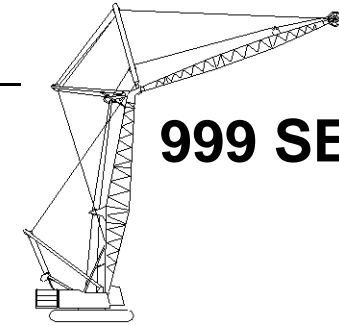


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	19 500													24.0
26.0	56.3	87.2	18 300 *	63.8	89.4	17 900													26.0
28.0	52.8	85.8	17 500 *	60.6	88.3	16 500	64.9	89.3	14 900										28.0
30.0	49.0	84.1	16 700 *	57.2	87.1	15 300	61.7	88.2	13 800										30.0
32.0	45.1	82.3	16 000 *	53.7	85.7	14 200	58.3	87.1	12 800										32.0
34.0	40.8	80.1	15 200 *	50.0	84.2	13 300	54.9	85.8	11 900										34.0
36.0	36.2	77.6	14 300 *	46.1	82.4	12 400	51.2	84.3	11 100	59.0	86.3	9 100							36.0
38.0	30.9	74.6	13 400 *	41.9	80.3	11 700	47.4	82.6	10 400	55.6	85.0	8 400							38.0
40.0	24.8	70.8	12 600 *	37.4	77.9	11 000	43.4	80.6	9 800	52.0	83.6	7 900							40.0
42.0	16.6	65.5	12 000 *	32.3	75.0	10 400	39.0	78.3	9 200	48.2	81.9	7 400	56.1	83.8	5 600				42.0
44.0				26.4	71.4	9 800	34.1	75.6	8 700	44.2	80.0	6 900	52.5	82.4	5 200				44.0
46.0				18.9	66.7	9 300	28.6	72.3	8 200	39.9	77.7	6 500	48.8	80.7	4 800				46.0
48.0							21.8	68.1	7 800	35.1	75.1	6 100	44.8	78.8	4 500				48.0
50.0							11.7	61.4	7 400	29.7	72.0	5 700	40.5	76.7	4 200	49.1	79.1	2 800	50.0
52.0										23.3	68.0	5 400	35.9	74.1	3 900	45.1	77.2	2 500	52.0
54.0										14.3	62.1	5 100	30.6	71.1	3 700	40.9	75.1	2 300	54.0
56.0													24.3	67.2	3 400	36.2	72.6	2 100	56.0
58.0													15.9	61.8	3 200	31.0	69.6	1 900	58.0

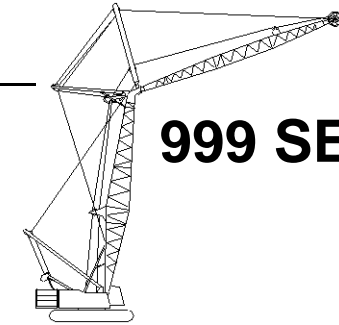


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
67 860 kg Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	19 000													24.0
26.0	59.0	90.8	16 800 *	65.8	92.7	17 400													26.0
28.0	55.8	89.5	16 000 *	62.8	91.8	16 100	66.8	92.6	14 500										28.0
30.0	52.5	88.1	15 200 *	59.8	90.7	14 900	63.9	91.7	13 400										30.0
32.0	49.0	86.4	14 500 *	56.6	89.4	13 900	60.8	90.6	12 400										32.0
34.0	45.4	84.6	13 700 *	53.3	88.0	12 900	57.7	89.4	11 600										34.0
36.0	41.5	82.5	13 100 *	49.9	86.5	12 100	54.5	88.1	10 800	61.4	89.8	8 700							36.0
38.0	37.2	80.0	12 500 *	46.3	84.7	11 300	51.1	86.6	10 100	58.3	88.7	8 100							38.0
40.0	32.5	77.2	11 900 *	42.5	82.6	10 600	47.5	84.9	9 500	55.1	87.3	7 500							40.0
42.0	27.1	73.7	11 300 *	38.3	80.3	10 000	43.8	82.9	8 900	51.8	85.9	7 000							42.0
44.0	20.5	69.1	10 800 *	33.7	77.5	9 400	39.8	80.7	8 300	48.3	84.2	6 600	55.6	86.1	4 900				44.0
46.0				28.6	74.2	9 000	35.4	78.1	7 900	44.6	82.3	6 200	52.3	84.7	4 500				46.0
48.0				22.3	70.0	8 500	30.4	75.0	7 400	40.6	80.1	5 800	48.8	83.0	4 200				48.0
50.0				13.6	63.8	8 100	24.6	71.1	7 000	36.3	77.6	5 400	45.1	81.2	3 900				50.0
52.0							17.0	65.9	6 700	31.5	74.6	5 100	41.2	79.0	3 600	49.1	81.4	2 200	52.0
54.0										25.8	70.9	4 800	36.9	76.6	3 400	45.4	79.5	2 000	54.0
56.0										18.8	66.1	4 500	32.2	73.7	3 100	41.5	77.4	1 800	56.0
58.0													26.7	70.1	2 900				58.0
60.0													20.0	65.5	2 700				60.0
62.0													9.3	57.8	2 500				62.0

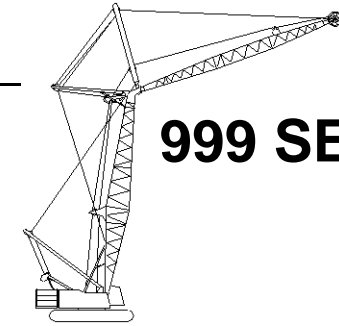


Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 On Boom No. 82 or 22EL
 67 860 kg Counterweight
 360 Degree Rating

**Maximum Operating Wind Speeds
 (all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
 7 m/s with 36.6m thru 51.8m Luffing Jib



999 SERIES 1

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			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	
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	17 200										26.0
28.0	58.4	93.1	14 600 *	64.8	95.2	15 900										28.0
30.0	55.4	91.8	13 900 *	62.0	94.2	14 700	65.7	95.0	13 200							30.0
32.0	52.3	90.4	13 200 *	59.1	93.0	13 700	62.9	94.1	12 200							32.0
34.0	49.0	88.7	12 500 *	56.1	91.8	12 700	60.1	93.0	11 400							34.0
36.0	45.6	86.9	11 800 *	53.1	90.3	11 900	57.1	91.8	10 600							36.0
38.0	42.0	84.8	11 200 *	49.8	88.8	11 100	54.1	90.4	9 900	60.7	92.2	7 900				38.0
40.0	38.1	82.4	10 600 *	46.5	87.0	10 400	51.0	88.9	9 300	57.7	91.0	7 400				40.0
42.0	33.8	79.7	10 100 *	42.9	84.9	9 900	47.6	87.2	8 700	54.7	89.7	6 900				42.0
44.0	29.0	76.4	9 600 *	39.1	82.6	9 300	44.2	85.2	8 200	51.6	88.2	6 400				44.0
46.0	23.3	72.3	9 100 *	34.9	80.0	8 800	40.4	83.0	7 700	48.3	86.5	6 000	55.2	88.4	4 400	46.0
48.0	15.8	66.7	8 700 *	30.3	76.9	8 300	36.4	80.5	7 300	44.9	84.6	5 600	52.1	87.0	4 100	48.0
50.0				24.9	73.0	7 900	31.9	77.5	6 900	41.2	82.4	5 300	48.8	85.3	3 800	50.0
52.0				18.0	67.9	7 500	26.8	74.0	6 500	37.2	80.0	5 000	45.4	83.5	3 500	52.0
54.0							20.6	69.4	6 200	32.9	77.1	4 600	41.8	81.4	3 200	54.0
56.0							11.5	62.5	5 900	27.9	73.7	4 400	37.8	79.0	3 000	56.0
58.0										22.0	69.4	4 100	33.5	76.2	2 800	58.0
60.0										13.8	63.2	3 900	28.7	72.9	2 600	60.0
62.0													22.9	68.7	2 300	62.0
64.0													15.3	62.9	2 200	64.0