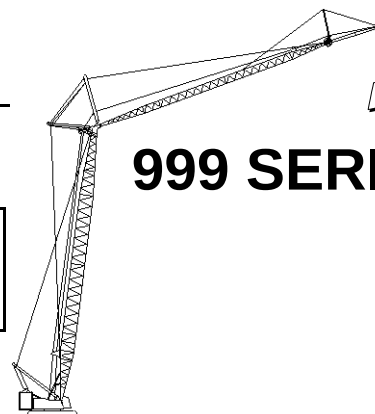


Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed (all boom lengths) 7 m/s



999 SERIES 3

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, luffing jib angles, fixed jib lengths, and fixed 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 (*).

Lower boom point assembly must be completely removed on 57.9m thru 61.0m boom lengths.

Weight of all load blocks, hooks, weight ball, slings, etc., beneath boom, luffing jib point and fixed jib point sheaves, is considered part of fixed jib load. Reeved hoist line included in fixed jib weight. Boom, luffing jib and fixed 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 13 mm in 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to fixed jib assembly **No. 179361**, luffing jib assembly **No. 196199** (Boom No. 22EL) or **No. 196200** (Boom No. 82), Wire Rope Specification chart **No. 8265-B** and Luffing Jib Raising Procedure chart **No. 9268-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. 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 luffing jib onto blocking at ground level when wind is above 16 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-D**.

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.

FIXED JIB POINT ELEVATION: Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point shaft.

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

Maximum capacity on 26 mm wire rope is 12 400 kg per line (9 070 kg when auxiliary drum is used).

Boom Catwalks Deduct
Deduct 150 kg from capacities when boom catwalks are attached.



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

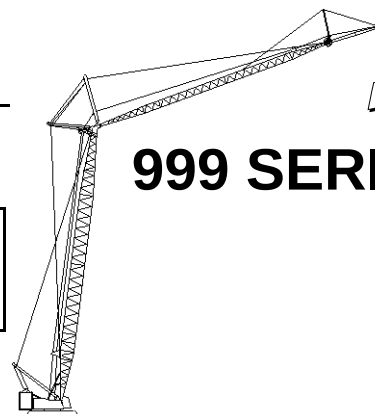
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
18.3	74.8	101.3	12 400*							18.3
20.0	72.8	100.8	12 300*							20.0
22.0	70.5	100.1	12 100*							22.0
24.0	68.2	99.4	11 900*							24.0
26.0	65.8	98.5	11 800*	70.8	99.8	12 200*				26.0
28.0	63.3	97.5	11 500*	68.4	99.1	12 100*				28.0
30.0	60.8	96.4	10 900*	66.0	98.2	12 000*				30.0
32.0	58.2	95.2	10 400*	63.6	97.2	11 700*				32.0
34.0	55.6	93.9	10 000*	61.1	96.2	11 200*				34.0
36.0	52.9	92.4	9 600*	58.5	95.0	10 700*				36.0
38.0	50.0	90.8	9 200*	55.9	93.7	10 200*				38.0
40.0	47.1	89.0	8 800*	53.2	92.2	9 800*				40.0
42.0	44.0	87.0	8 500*	50.4	90.6	9 400*				42.0
44.0	40.7	84.7	8 200*	47.4	88.8	9 000*				44.0
46.0	37.1	82.2	8 000*	44.3	86.8	8 700*				46.0
48.0	33.2	79.3	7 800*	41.1	84.6	8 400*	56.8	91.4	10 300*	48.0
50.0	28.9	75.9	7 500*	37.5	82.1	8 100*	54.2	90.0	9 900*	50.0
52.0	23.9	71.8	7 400*	33.7	79.3	7 900*	51.4	88.4	9 500*	52.0
54.0	17.5	66.3	7 000*	29.5	76.0	7 600*	48.5	86.7	9 200*	54.0
56.0				24.5	71.9	7 500*	45.4	84.8	8 900*	56.0
58.0				18.3	66.7	7 300*	42.2	82.7	8 600	58.0
60.0							38.8	80.3	8 200	60.0
62.0							35.1	77.6	7 800	62.0
64.0							31.0	74.5	7 400	64.0
68.0							20.7	66.0	6 700	68.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

48.8m (160 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
18.3	75.7	104.5	12 200*							18.3
20.0	73.8	104.0	12 000*							20.0
22.0	71.6	103.4	11 900*							22.0
24.0	69.4	102.6	11 700*							24.0
26.0	67.2	101.8	11 600*							26.0
28.0	64.9	100.9	11 300*	69.7	102.3	11 800*				28.0
30.0	62.6	99.9	10 700*	67.4	101.5	11 700*				30.0
32.0	60.2	98.8	10 200*	65.2	100.6	11 500*				32.0
34.0	57.8	97.5	9 800*	62.8	99.6	10 900*				34.0
36.0	55.2	96.2	9 400*	60.5	98.5	10 500*				36.0
38.0	52.7	94.7	9 000*	58.0	97.3	10 000*				38.0
40.0	50.0	93.1	8 700*	55.5	96.0	9 600*				40.0
42.0	47.2	91.3	8 400*	53.0	94.5	9 200*				42.0
44.0	44.3	89.3	8 100*	50.3	92.9	8 900*				44.0
46.0	41.2	87.1	7 900*	47.5	91.1	8 600*				46.0
48.0	37.9	84.6	7 700*	44.6	89.2	8 300*				48.0
50.0	34.3	81.8	7 500*	41.5	87.0	8 000*	56.4	93.7	9 700*	50.0
52.0	30.3	78.6	7 200*	38.3	84.5	7 800*	53.9	92.3	9 400*	52.0
54.0	25.8	74.8	7 000*	34.7	81.8	7 600*	51.2	90.7	9 000*	54.0
56.0	20.4	70.0	6 600*	30.8	78.6	7 300*	48.5	89.0	8 700*	56.0
58.0				26.4	74.9	7 200*	45.6	87.1	8 400	58.0
60.0				21.2	70.2	7 000*	42.6	85.0	8 100	60.0
62.0				14.1	63.7	6 900*	39.4	82.7	7 700	62.0
64.0							36.0	80.1	7 300	64.0
68.0							28.0	73.5	6 600	68.0
72.0							16.9	63.6	6 000	72.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

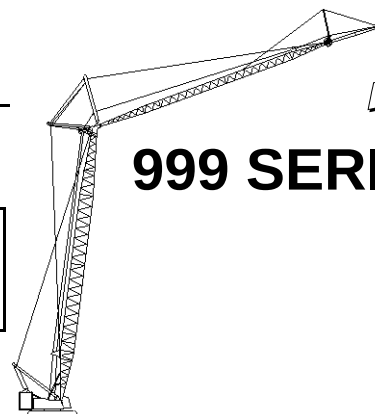
48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	74.9	107.2	11 700*							19.8
20.0	74.7	107.2	11 700*							20.0
22.0	72.6	106.6	11 600*							22.0
24.0	70.6	105.9	11 500*							24.0
26.0	68.4	105.1	11 300*							26.0
28.0	66.3	104.3	11 000*							28.0
30.0	64.1	103.3	10 500*	68.7	104.8	11 000*				30.0
32.0	61.9	102.3	10 100*	66.6	104.0	10 900*				32.0
34.0	59.6	101.1	9 600*	64.4	103.0	10 800*				34.0
36.0	57.3	99.9	9 300*	62.2	102.0	10 200*				36.0
38.0	54.9	98.5	8 900*	59.9	100.9	9 800*				38.0
40.0	52.5	97.0	8 600*	57.6	99.6	9 500*				40.0
42.0	49.9	95.4	8 300*	55.2	98.3	9 100*				42.0
44.0	47.3	93.6	8 000*	52.8	96.8	8 700*				44.0
46.0	44.5	91.6	7 800*	50.2	95.2	8 400*				46.0
48.0	41.6	89.4	7 600*	47.6	93.4	8 200*				48.0
50.0	38.5	87.0	7 400*	44.8	91.5	7 900*				50.0
52.0	35.2	84.3	7 100*	42.0	89.3	7 700*	56.1	96.1	8 800*	52.0
54.0	31.6	81.2	6 800*	38.9	86.9	7 500*	53.6	94.6	8 800*	54.0
56.0	27.5	77.6	6 500*	35.6	84.2	7 300*	51.1	93.0	8 600*	56.0
58.0	22.8	73.2	6 200*	32.0	81.2	7 100*	48.5	91.3	8 200	58.0
60.0	16.8	67.5	5 900*	28.0	77.7	6 900*	45.8	89.4	7 900	60.0
62.0				23.4	73.4	6 800*	43.0	87.4	7 500	62.0
64.0				17.6	67.9	6 700*	40.0	85.1	7 100	64.0
68.0							33.3	79.6	6 400	68.0
72.0							25.1	72.3	5 800	72.0
76.0							12.5	60.2	5 300	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.7	110.4	10 700*							19.8
20.0	75.5	110.3	10 700*							20.0
22.0	73.5	109.8	10 600*							22.0
24.0	71.6	109.1	10 300*							24.0
26.0	69.6	108.4	10 200*							26.0
28.0	67.6	107.6	10 000*							28.0
30.0	65.5	106.7	9 900*	69.8	108.1	9 800*				30.0
32.0	63.4	105.7	9 700*	67.8	107.3	9 700*				32.0
34.0	61.3	104.7	9 400*	65.7	106.4	9 600*				34.0
36.0	59.1	103.5	9 100*	63.7	105.5	9 500*				36.0
38.0	56.9	102.2	8 700*	61.6	104.4	9 300*				38.0
40.0	54.6	100.8	8 400*	59.4	103.2	9 200*				40.0
42.0	52.3	99.3	8 100*	57.2	102.0	8 900*				42.0
44.0	49.9	97.7	7 900*	54.9	100.6	8 600*				44.0
46.0	47.4	95.9	7 700*	52.6	99.1	8 300*				46.0
48.0	44.7	93.9	7 400*	50.2	97.5	8 000*				48.0
50.0	42.0	91.8	7 200*	47.7	95.7	7 800*				50.0
52.0	39.1	89.4	6 900*	45.1	93.8	7 600*				52.0
54.0	36.0	86.8	6 600*	42.3	91.7	7 400*	55.7	98.4	7 700*	54.0
56.0	32.6	83.8	6 300*	39.4	89.3	7 100*	53.4	96.9	7 700*	56.0
58.0	28.9	80.3	6 000*	36.4	86.7	7 000*	51.0	95.3	7 700	58.0
60.0	24.7	76.3	5 700*	33.0	83.7	6 800*	48.6	93.6	7 600	60.0
62.0	19.6	71.3	5 500*	29.4	80.4	6 700*	46.0	91.7	7 200	62.0
64.0	12.7	64.2	5 300*	25.2	76.4	6 500*	43.3	89.7	6 900	64.0
68.0				13.7	64.8	6 200*	37.5	84.9	6 300	68.0
72.0							30.7	78.9	5 700	72.0
76.0							22.1	70.7	5 100	76.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

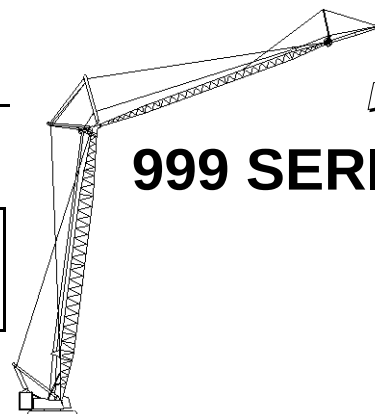
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	74.4	104.0	10 200*							19.8
20.0	74.2	104.0	10 200*							20.0
22.0	72.1	103.3	10 100*							22.0
24.0	69.8	102.6	9 900*							24.0
26.0	67.6	101.8	9 800*							26.0
28.0	65.3	100.9	9 600*	70.1	102.3	10 000*				28.0
30.0	63.0	99.9	9 200*	67.9	101.5	9 900*				30.0
32.0	60.6	98.8	8 800*	65.6	100.6	9 700*				32.0
34.0	58.2	97.5	8 400*	63.3	99.6	9 400*				34.0
36.0	55.7	96.2	8 000*	60.9	98.5	9 000*				36.0
38.0	53.1	94.7	7 700*	58.5	97.3	8 500*				38.0
40.0	50.4	93.1	7 400*	56.0	96.0	8 200*				40.0
42.0	47.6	91.3	7 100*	53.4	94.5	7 800*				42.0
44.0	44.7	89.3	6 900*	50.7	92.9	7 600*				44.0
46.0	41.6	87.1	6 600*	47.9	91.1	7 300*				46.0
48.0	38.3	84.6	6 400*	45.0	89.1	7 000*				48.0
50.0	34.7	81.8	6 200*	41.9	86.9	6 700*				50.0
52.0	30.7	78.6	6 100*	38.7	84.5	6 600*	54.3	92.3	8 000*	52.0
54.0	26.2	74.7	5 900*	35.1	81.8	6 300*	51.7	90.7	7 700*	54.0
56.0	20.8	69.9	5 800*	31.2	78.6	6 200*	48.9	89.0	7 400*	56.0
58.0				26.8	74.8	6 000*	46.1	87.1	7 200*	58.0
60.0				21.5	70.2	5 900*	43.0	85.0	6 900*	60.0
62.0				14.4	63.6	5 700*	39.8	82.7	6 700*	62.0
64.0							36.4	80.0	6 500*	64.0
68.0							28.4	73.5	6 100*	68.0
72.0							17.3	63.5	5 800*	72.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

48.8m (160 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.3	107.2	10 100*							19.8
20.0	75.1	107.2	10 100*							20.0
22.0	73.0	106.6	9 900*							22.0
24.0	70.9	105.9	9 800*							24.0
26.0	68.8	105.1	9 600*							26.0
28.0	66.7	104.2	9 400*							28.0
30.0	64.5	103.3	9 100*	69.1	104.8	9 700*				30.0
32.0	62.3	102.3	8 700*	66.9	104.0	9 600*				32.0
34.0	60.0	101.1	8 300*	64.8	103.0	9 200*				34.0
36.0	57.7	99.9	7 900*	62.6	102.0	8 800*				36.0
38.0	55.3	98.5	7 600*	60.3	100.9	8 400*				38.0
40.0	52.9	97.0	7 300*	58.0	99.6	8 000*				40.0
42.0	50.3	95.4	7 000*	55.6	98.3	7 700*				42.0
44.0	47.7	93.6	6 800*	53.2	96.8	7 400*				44.0
46.0	44.9	91.6	6 500*	50.6	95.2	7 200*				46.0
48.0	42.0	89.4	6 400*	48.0	93.4	6 900*				48.0
50.0	38.9	87.0	6 100*	45.2	91.4	6 700*				50.0
52.0	35.6	84.3	6 000*	42.3	89.3	6 500*	56.4	96.0	7 800*	52.0
54.0	31.9	81.2	5 800*	39.3	86.9	6 200*	54.0	94.6	7 500*	54.0
56.0	27.9	77.6	5 700*	36.0	84.2	6 100*	51.5	93.0	7 300*	56.0
58.0	23.1	73.2	5 600*	32.4	81.2	5 900*	48.9	91.3	7 000*	58.0
60.0	17.2	67.5	5 500*	28.4	77.6	5 800*	46.2	89.4	6 800*	60.0
62.0				23.8	73.4	5 600*	43.4	87.3	6 600*	62.0
64.0				18.0	67.9	5 500*	40.4	85.0	6 400*	64.0
68.0							33.7	79.6	6 000*	68.0
72.0							25.5	72.2	5 700*	72.0
76.0							12.9	60.1	5 500	76.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

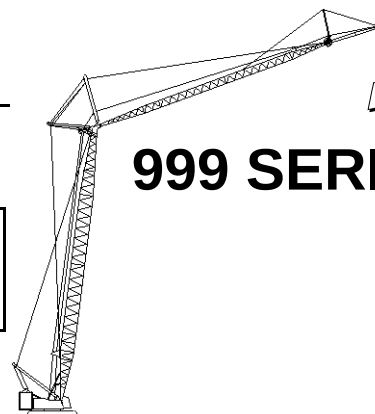
48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.5	109.9	9 700*							21.3
22.0	73.9	109.7	9 700*							22.0
24.0	71.9	109.1	9 600*							24.0
26.0	69.9	108.4	9 400*							26.0
28.0	67.9	107.6	9 300*							28.0
30.0	65.9	106.7	8 900*							30.0
32.0	63.8	105.7	8 500*	68.2	107.3	9 400*				32.0
34.0	61.7	104.6	8 100*	66.1	106.4	9 100*				34.0
36.0	59.5	103.5	7 800*	64.0	105.4	8 600*				36.0
38.0	57.3	102.2	7 500*	61.9	104.4	8 300*				38.0
40.0	55.0	100.8	7 200*	59.8	103.2	7 900*				40.0
42.0	52.7	99.3	6 900*	57.6	102.0	7 600*				42.0
44.0	50.2	97.7	6 700*	55.3	100.6	7 300*				44.0
46.0	47.7	95.9	6 500*	52.9	99.1	7 000*				46.0
48.0	45.1	93.9	6 300*	50.5	97.5	6 800*				48.0
50.0	42.4	91.8	6 100*	48.0	95.7	6 600*				50.0
52.0	39.5	89.4	5 900*	45.4	93.8	6 400*				52.0
54.0	36.3	86.7	5 800*	42.7	91.6	6 200*	56.1	98.4	7 400*	54.0
56.0	33.0	83.7	5 600*	39.8	89.3	6 000*	53.8	96.9	7 100*	56.0
58.0	29.3	80.3	5 500*	36.7	86.7	5 800*	51.4	95.3	6 900*	58.0
60.0	25.0	76.3	5 400*	33.4	83.7	5 700*	48.9	93.6	6 700*	60.0
62.0	20.0	71.2	5 300*	29.7	80.4	5 600*	46.4	91.7	6 500*	62.0
64.0	13.0	64.1	5 100*	25.6	76.4	5 400*	43.7	89.7	6 300*	64.0
68.0				14.0	64.7	5 200*	37.8	84.9	5 900*	68.0
72.0							31.1	78.9	5 600*	72.0
76.0							22.5	70.6	5 300	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.3	113.1	9 400*							21.3
22.0	74.7	112.9	9 300*							22.0
24.0	72.8	112.3	9 200*							24.0
26.0	70.9	111.6	9 000*							26.0
28.0	69.0	110.9	8 800*							28.0
30.0	67.1	110.0	8 700*							30.0
32.0	65.1	109.1	8 300*	69.3	110.6	8 600*				32.0
34.0	63.1	108.1	7 900*	67.3	109.7	8 500*				34.0
36.0	61.1	107.0	7 600*	65.4	108.8	8 400*				36.0
38.0	59.0	105.8	7 300*	63.4	107.8	8 100*				38.0
40.0	56.9	104.5	7 000*	61.3	106.7	7 700*				40.0
42.0	54.7	103.1	6 800*	59.3	105.6	7 400*				42.0
44.0	52.5	101.6	6 600*	57.2	104.3	7 100*				44.0
46.0	50.2	100.0	6 400*	55.0	102.9	6 900*				46.0
48.0	47.8	98.2	6 100*	52.8	101.4	6 700*				48.0
50.0	45.3	96.2	6 000*	50.5	99.8	6 500*				50.0
52.0	42.7	94.1	5 800*	48.1	98.0	6 200*				52.0
54.0	40.0	91.8	5 700*	45.6	96.1	6 100*				54.0
56.0	37.0	89.2	5 500*	43.0	94.0	5 900*	55.8	100.7	6 800*	56.0
58.0	33.9	86.3	5 400*	40.3	91.6	5 700*	53.6	99.2	6 700*	58.0
60.0	30.5	83.0	5 300*	37.4	89.1	5 600*	51.3	97.6	6 500*	60.0
62.0	26.7	79.2	5 100*	34.3	86.2	5 500*	48.9	95.9	6 300*	62.0
64.0	22.2	74.6	5 000*	30.9	83.0	5 300*	46.5	94.0	6 200*	64.0
68.0				22.8	74.8	5 100*	41.3	89.8	5 800*	68.0
72.0							35.4	84.5	5 600*	72.0
76.0							28.5	77.9	5 200	76.0
80.0							19.4	68.6	4 700	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

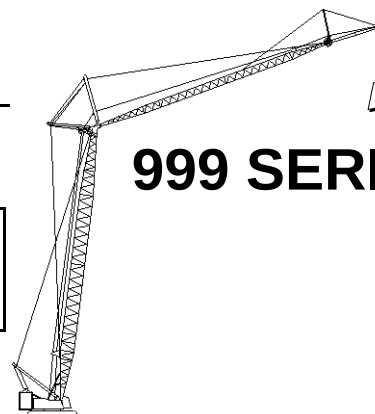
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.4	107.2	8 800*							19.8
20.0	75.2	107.2	8 800*							20.0
22.0	73.1	106.6	8 600*							22.0
24.0	71.0	105.9	8 500*							24.0
26.0	68.9	105.1	8 300*							26.0
28.0	66.8	104.2	8 200*							28.0
30.0	64.6	103.3	8 000*	69.2	104.8	8 400*				30.0
32.0	62.4	102.3	7 800*	67.0	104.0	8 300*				32.0
34.0	60.1	101.1	7 400*	64.9	103.0	8 100*				34.0
36.0	57.8	99.9	7 100*	62.7	102.0	7 900*				36.0
38.0	55.4	98.5	6 800*	60.4	100.9	7 500*				38.0
40.0	53.0	97.0	6 500*	58.1	99.6	7 200*				40.0
42.0	50.4	95.4	6 200*	55.7	98.3	6 900*				42.0
44.0	47.8	93.6	6 000*	53.2	96.8	6 600*				44.0
46.0	45.0	91.6	5 800*	50.7	95.2	6 300*				46.0
48.0	42.1	89.4	5 600*	48.1	93.4	6 100*				48.0
50.0	39.0	87.0	5 400*	45.3	91.4	5 900*				50.0
52.0	35.7	84.3	5 200*	42.4	89.3	5 700*	56.5	96.0	7 000*	52.0
54.0	32.0	81.2	5 100*	39.4	86.9	5 500*	54.1	94.6	6 700*	54.0
56.0	28.0	77.6	5 000*	36.1	84.2	5 300*	51.6	93.0	6 500*	56.0
58.0	23.2	73.2	4 800*	32.5	81.2	5 200*	49.0	91.3	6 200*	58.0
60.0	17.3	67.5	4 700*	28.5	77.6	5 000*	46.3	89.4	6 000*	60.0
62.0				23.9	73.4	4 900*	43.5	87.3	5 800*	62.0
64.0				18.1	67.9	4 800*	40.5	85.0	5 600*	64.0
68.0							33.8	79.6	5 300*	68.0
72.0							25.6	72.2	5 000*	72.0
76.0							13.0	60.1	4 800*	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

48.8m (160 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.6	109.9	8 500*							21.3
22.0	74.0	109.8	8 500*							22.0
24.0	72.0	109.1	8 300*							24.0
26.0	70.0	108.4	8 200*							26.0
28.0	68.0	107.6	8 100*							28.0
30.0	66.0	106.7	7 900*							30.0
32.0	63.9	105.7	7 600*	68.3	107.3	8 200*				32.0
34.0	61.8	104.6	7 300*	66.2	106.4	8 000*				34.0
36.0	59.6	103.5	6 900*	64.1	105.4	7 800*				36.0
38.0	57.4	102.2	6 600*	62.0	104.4	7 400*				38.0
40.0	55.1	100.8	6 400*	59.9	103.2	7 100*				40.0
42.0	52.8	99.3	6 200*	57.6	102.0	6 800*				42.0
44.0	50.3	97.7	5 900*	55.4	100.6	6 500*				44.0
46.0	47.8	95.9	5 700*	53.0	99.1	6 200*				46.0
48.0	45.2	93.9	5 500*	50.6	97.5	6 000*				48.0
50.0	42.5	91.8	5 300*	48.1	95.7	5 800*				50.0
52.0	39.5	89.4	5 200*	45.5	93.8	5 600*				52.0
54.0	36.4	86.7	5 000*	42.8	91.6	5 400*	56.2	98.4	6 600*	54.0
56.0	33.1	83.7	4 900*	39.9	89.3	5 200*	53.9	96.9	6 300*	56.0
58.0	29.4	80.3	4 800*	36.8	86.7	5 100*	51.5	95.3	6 100*	58.0
60.0	25.1	76.3	4 600*	33.5	83.7	5 000*	49.0	93.6	5 900*	60.0
62.0	20.1	71.2	4 500*	29.8	80.4	4 800*	46.4	91.7	5 700*	62.0
64.0	13.1	64.1	4 400*	25.7	76.4	4 700*	43.8	89.7	5 500*	64.0
68.0				14.1	64.8	4 500*	37.9	84.9	5 200*	68.0
72.0							31.2	78.9	4 900*	72.0
76.0							22.6	70.6	4 700*	76.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

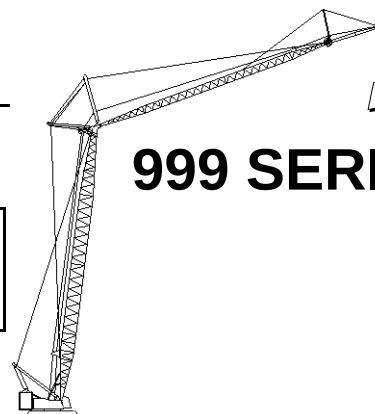
48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.4	113.1	8 300*							21.3
22.0	74.8	112.9	8 300*							22.0
24.0	72.9	112.3	8 200*							24.0
26.0	71.0	111.6	8 100*							26.0
28.0	69.1	110.9	7 900*							28.0
30.0	67.2	110.0	7 800*							30.0
32.0	65.2	109.1	7 500*	69.3	110.6	7 800*				32.0
34.0	63.2	108.1	7 100*	67.4	109.7	7 700*				34.0
36.0	61.2	107.0	6 800*	65.5	108.8	7 600*				36.0
38.0	59.1	105.8	6 500*	63.5	107.8	7 300*				38.0
40.0	57.0	104.5	6 300*	61.4	106.8	7 000*				40.0
42.0	54.8	103.1	6 100*	59.4	105.6	6 700*				42.0
44.0	52.6	101.6	5 800*	57.2	104.3	6 400*				44.0
46.0	50.3	100.0	5 600*	55.1	102.9	6 100*				46.0
48.0	47.9	98.2	5 400*	52.9	101.4	5 900*				48.0
50.0	45.4	96.2	5 300*	50.6	99.8	5 700*				50.0
52.0	42.8	94.1	5 100*	48.2	98.0	5 500*				52.0
54.0	40.0	91.8	4 900*	45.7	96.1	5 300*				54.0
56.0	37.1	89.2	4 800*	43.1	94.0	5 200*	55.8	100.7	6 200*	56.0
58.0	34.0	86.3	4 700*	40.4	91.7	5 000*	53.6	99.2	6 000*	58.0
60.0	30.6	83.0	4 600*	37.5	89.1	4 900*	51.4	97.6	5 800*	60.0
62.0	26.7	79.2	4 500*	34.4	86.2	4 700*	49.0	95.9	5 600*	62.0
64.0	22.3	74.6	4 400*	31.0	83.0	4 600*	46.6	94.0	5 400*	64.0
68.0				22.9	74.8	4 400*	41.3	89.8	5 100*	68.0
72.0							35.5	84.5	4 800*	72.0
76.0							28.6	77.9	4 600*	76.0
80.0							19.5	68.6	4 400*	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	74.7	115.9	7 800*							22.9
24.0	73.7	115.5	7 700*							24.0
26.0	71.9	114.9	7 600*							26.0
28.0	70.1	114.1	7 500*							28.0
30.0	68.3	113.3	7 300*							30.0
32.0	66.4	112.5	7 200*	70.3	113.8	7 300*				32.0
34.0	64.5	111.5	7 000*	68.5	113.0	7 200*				34.0
36.0	62.6	110.5	6 700*	66.6	112.2	7 100*				36.0
38.0	60.7	109.4	6 400*	64.8	111.2	6 900*				38.0
40.0	58.7	108.2	6 200*	62.8	110.2	6 800*				40.0
42.0	56.6	106.9	5 900*	60.9	109.1	6 500*				42.0
44.0	54.6	105.4	5 700*	58.9	107.9	6 300*				44.0
46.0	52.4	103.9	5 500*	56.9	106.6	6 000*				46.0
48.0	50.2	102.3	5 300*	54.8	105.2	5 800*				48.0
50.0	47.9	100.5	5 200*	52.7	103.7	5 600*				50.0
52.0	45.6	98.5	5 000*	50.5	102.1	5 400*				52.0
54.0	43.1	96.4	4 800*	48.2	100.3	5 200*				54.0
56.0	40.5	94.1	4 700*	45.8	98.4	5 100*				56.0
58.0	37.7	91.6	4 600*	43.4	96.3	4 900*	55.5	103.0	5 800*	58.0
60.0	34.8	88.8	4 500*	40.8	94.0	4 800*	53.4	101.5	5 700*	60.0
62.0	31.6	85.6	4 400*	38.1	91.5	4 600*	51.3	99.9	5 500*	62.0
64.0	28.1	82.0	4 300*	35.2	88.7	4 500*	49.0	98.2	5 300*	64.0
68.0	19.3	72.5	4 100*	28.5	82.1	4 300*	44.3	94.3	5 000*	68.0
72.0				20.0	72.8	4 200*	39.0	89.7	4 700*	72.0
76.0							33.1	84.0	4 500*	76.0
80.0							26.1	76.7	4 300*	80.0
84.0							16.2	65.9	4 200*	84.0

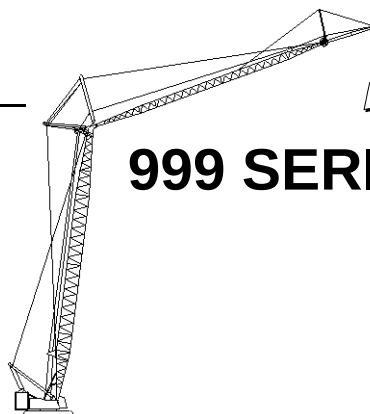


Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s



999 SERIES 3

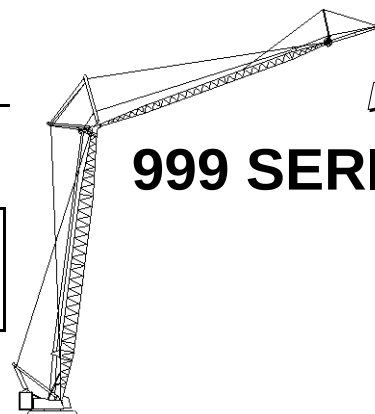
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.9	110.4	7 500*							19.8
20.0	75.7	110.3	7 500*							20.0
22.0	73.8	109.8	7 300*							22.0
24.0	71.8	109.1	7 100*							24.0
26.0	69.8	108.4	6 900*							26.0
28.0	67.8	107.6	6 700*							28.0
30.0	65.8	106.7	6 500*							30.0
32.0	63.7	105.7	6 300*	68.1	107.3	6 700*				32.0
34.0	61.6	104.7	6 200*	66.0	106.4	6 500*				34.0
36.0	59.4	103.5	6 000*	63.9	105.5	6 300*				36.0
38.0	57.2	102.2	5 900*	61.8	104.4	6 100*				38.0
40.0	54.9	100.8	5 700*	59.7	103.2	6 000*				40.0
42.0	52.6	99.3	5 600*	57.5	102.0	5 900*				42.0
44.0	50.1	97.7	5 400*	55.2	100.6	5 700*				44.0
46.0	47.6	95.9	5 200*	52.9	99.1	5 600*				46.0
48.0	45.0	93.9	5 000*	50.4	97.5	5 500*				48.0
50.0	42.3	91.8	4 800*	47.9	95.7	5 200*				50.0
52.0	39.4	89.4	4 700*	45.3	93.8	5 100*				52.0
54.0	36.3	86.8	4 500*	42.6	91.7	4 900*	56.0	98.4	5 500*	54.0
56.0	32.9	83.8	4 400*	39.7	89.3	4 700*	53.7	96.9	5 400*	56.0
58.0	29.2	80.3	4 300*	36.6	86.7	4 600*	51.3	95.3	5 300*	58.0
60.0	25.0	76.3	4 100*	33.3	83.7	4 400*	48.8	93.6	5 200*	60.0
62.0	19.9	71.3	4 000*	29.6	80.4	4 300*	46.3	91.7	5 200*	62.0
64.0	13.0	64.2	3 900*	25.5	76.4	4 200*	43.6	89.7	5 000*	64.0
68.0				14.0	64.8	4 000*	37.7	84.9	4 700*	68.0
72.0							31.0	78.9	4 400*	72.0
76.0							22.4	70.7	4 100*	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

48.8m (160 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.2	113.1	7 100*							21.3
22.0	74.6	112.9	7 100*							22.0
24.0	72.7	112.3	6 900*							24.0
26.0	70.8	111.6	6 700*							26.0
28.0	68.9	110.9	6 500*							28.0
30.0	67.0	110.0	6 300*							30.0
32.0	65.0	109.1	6 200*	69.2	110.6	6 400*				32.0
34.0	63.0	108.1	6 000*	67.2	109.8	6 300*				34.0
36.0	61.0	107.0	5 900*	65.3	108.8	6 100*				36.0
38.0	58.9	105.8	5 800*	63.3	107.9	6 000*				38.0
40.0	56.8	104.5	5 600*	61.3	106.8	5 900*				40.0
42.0	54.6	103.1	5 500*	59.2	105.6	5 700*				42.0
44.0	52.4	101.6	5 300*	57.1	104.3	5 600*				44.0
46.0	50.1	100.0	5 100*	54.9	102.9	5 500*				46.0
48.0	47.7	98.2	4 900*	52.7	101.4	5 300*				48.0
50.0	45.2	96.2	4 700*	50.4	99.8	5 200*				50.0
52.0	42.6	94.1	4 600*	48.0	98.0	5 000*				52.0
54.0	39.9	91.8	4 400*	45.5	96.1	4 800*				54.0
56.0	37.0	89.2	4 300*	42.9	94.0	4 700*	55.7	100.7	5 200*	56.0
58.0	33.8	86.3	4 200*	40.2	91.7	4 500*	53.5	99.2	5 200*	58.0
60.0	30.4	83.0	4 100*	37.3	89.1	4 400*	51.2	97.6	5 100*	60.0
62.0	26.6	79.2	4 000*	34.2	86.3	4 200*	48.8	95.9	5 000*	62.0
64.0	22.1	74.7	3 900*	30.8	83.0	4 100*	46.4	94.1	4 900*	64.0
68.0				22.7	74.9	3 900*	41.2	89.8	4 600*	68.0
72.0							35.3	84.6	4 300*	72.0
76.0							28.4	78.0	4 100*	76.0
80.0							19.4	68.6	3 900*	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

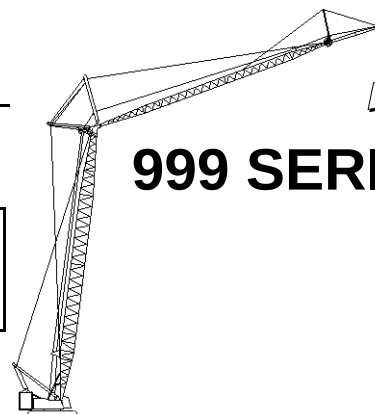
48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.9	116.3	6 800*							21.3
22.0	75.3	116.1	6 800*							22.0
24.0	73.5	115.5	6 600*							24.0
26.0	71.7	114.9	6 400*							26.0
28.0	69.9	114.2	6 300*							28.0
30.0	68.1	113.4	6 100*							30.0
32.0	66.2	112.5	6 000*	70.1	113.8	6 200*				32.0
34.0	64.4	111.5	5 800*	68.3	113.1	6 100*				34.0
36.0	62.4	110.5	5 700*	66.5	112.2	5 900*				36.0
38.0	60.5	109.4	5 600*	64.6	111.3	5 800*				38.0
40.0	58.5	108.2	5 500*	62.7	110.2	5 700*				40.0
42.0	56.5	106.9	5 300*	60.7	109.1	5 600*				42.0
44.0	54.4	105.5	5 200*	58.7	107.9	5 500*				44.0
46.0	52.2	103.9	5 000*	56.7	106.6	5 300*				46.0
48.0	50.0	102.3	4 800*	54.6	105.2	5 200*				48.0
50.0	47.8	100.5	4 700*	52.5	103.7	5 100*				50.0
52.0	45.4	98.6	4 500*	50.3	102.1	4 900*				52.0
54.0	42.9	96.4	4 400*	48.0	100.3	4 700*				54.0
56.0	40.3	94.1	4 200*	45.7	98.4	4 600*				56.0
58.0	37.6	91.6	4 100*	43.2	96.3	4 400*	55.4	103.0	4 900*	58.0
60.0	34.6	88.8	4 000*	40.6	94.0	4 300*	53.3	101.5	4 900*	60.0
62.0	31.5	85.6	3 900*	37.9	91.5	4 200*	51.1	99.9	4 800*	62.0
64.0	28.0	82.0	3 800*	35.0	88.8	4 100*	48.8	98.2	4 800*	64.0
68.0	19.2	72.6	3 600*	28.4	82.1	3 900*	44.1	94.3	4 500*	68.0
72.0				19.8	72.9	3 700*	38.9	89.7	4 300*	72.0
76.0							33.0	84.0	4 000*	76.0
80.0							25.9	76.8	3 800*	80.0
84.0							16.1	66.0	3 700*	84.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.2	119.0	6 400*							22.9
24.0	74.3	118.7	6 300*							24.0
26.0	72.6	118.1	6 200*							26.0
28.0	70.8	117.4	6 000*							28.0
30.0	69.1	116.6	5 900*							30.0
32.0	67.3	115.8	5 800*							32.0
34.0	65.6	114.9	5 600*	69.3	116.3	5 800*				34.0
36.0	63.7	113.9	5 500*	67.5	115.5	5 700*				36.0
38.0	61.9	112.9	5 400*	65.8	114.6	5 600*				38.0
40.0	60.0	111.8	5 300*	64.0	113.7	5 500*				40.0
42.0	58.1	110.5	5 200*	62.1	112.6	5 300*				42.0
44.0	56.2	109.2	5 100*	60.2	111.5	5 300*				44.0
46.0	54.2	107.8	5 000*	58.3	110.3	5 100*				46.0
48.0	52.1	106.2	4 800*	56.4	109.0	5 000*				48.0
50.0	50.0	104.6	4 600*	54.4	107.6	5 000*				50.0
52.0	47.8	102.8	4 500*	52.4	106.0	4 800*				52.0
54.0	45.6	100.9	4 300*	50.3	104.4	4 700*				54.0
56.0	43.2	98.8	4 200*	48.1	102.6	4 500*				56.0
58.0	40.7	96.5	4 100*	45.8	100.7	4 400*	57.1	106.7	4 700*	58.0
60.0	38.1	94.0	4 000*	43.5	98.6	4 200*	55.1	105.3	4 700*	60.0
62.0	35.4	91.3	3 800*	41.0	96.4	4 100*	53.1	103.8	4 600*	62.0
64.0	32.4	88.2	3 800*	38.5	93.9	4 000*	51.0	102.3	4 600*	64.0
68.0	25.5	80.8	3 600*	32.8	88.2	3 800*	46.6	98.7	4 500*	68.0
72.0	16.1	69.9	3 400*	26.0	80.9	3 600*	41.9	94.5	4 200*	72.0
76.0				16.8	70.3	3 400*	36.7	89.5	4 000*	76.0
80.0							30.7	83.3	3 800*	80.0
84.0							23.4	75.3	3 600*	84.0
88.0							12.4	62.4	3 500*	88.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

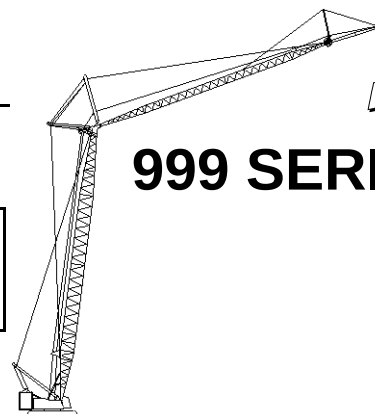
51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
18.3	74.9	104.4	12 400*							18.3
20.0	73.0	103.9	12 200*							20.0
22.0	70.6	103.2	12 000*							22.0
24.0	68.3	102.4	11 900*							24.0
26.0	65.9	101.6	11 700*							26.0
28.0	63.4	100.6	11 500*	68.9	102.2	12 000*				28.0
30.0	60.9	99.5	11 000*	66.5	101.4	11 900*				30.0
32.0	58.4	98.3	10 500*	64.1	100.4	11 800*				32.0
34.0	55.7	97.0	10 000*	61.6	99.4	11 300*				34.0
36.0	53.0	95.5	9 600*	59.0	98.2	10 700*				36.0
38.0	50.2	93.9	9 200*	56.4	96.9	10 300*				38.0
40.0	47.2	92.1	8 900*	53.7	95.5	9 900*				40.0
42.0	44.1	90.1	8 600*	50.9	93.9	9 400*				42.0
44.0	40.8	87.9	8 300*	48.0	92.2	9 100*				44.0
46.0	37.3	85.4	8 000*	44.9	90.2	8 700*				46.0
48.0	33.5	82.5	7 800*	41.7	88.1	8 500*				48.0
50.0	29.2	79.2	7 600*	38.2	85.6	8 200*	55.6	93.6	10 000	50.0
52.0	24.2	75.1	7 300*	34.5	82.9	7 900*	52.8	92.1	9 500	52.0
54.0	17.9	69.7	6 900*	30.3	79.6	7 700*	50.0	90.5	9 000	54.0
56.0				25.5	75.8	7 500*	47.0	88.7	8 600	56.0
58.0				19.6	70.8	7 300*	43.9	86.7	8 200	58.0
60.0							40.6	84.5	7 800	60.0
62.0							37.1	81.9	7 400	62.0
64.0							33.2	79.0	7 100	64.0
68.0							23.8	71.5	6 400	68.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
18.3	75.8	107.6	12 100*							18.3
20.0	73.9	107.1	12 000*							20.0
22.0	71.8	106.4	11 800*							22.0
24.0	69.5	105.7	11 700*							24.0
26.0	67.3	104.9	11 600*							26.0
28.0	65.0	104.0	11 400*	70.1	105.5	11 800*				28.0
30.0	62.7	103.0	10 800*	67.9	104.7	11 700*				30.0
32.0	60.3	101.9	10 300*	65.6	103.8	11 600*				32.0
34.0	57.9	100.7	9 900*	63.3	102.8	11 000*				34.0
36.0	55.4	99.3	9 500*	60.9	101.8	10 500*				36.0
38.0	52.8	97.8	9 100*	58.5	100.6	10 100*				38.0
40.0	50.1	96.2	8 800*	56.0	99.3	9 700*				40.0
42.0	47.3	94.4	8 500*	53.5	97.8	9 300*				42.0
44.0	44.4	92.5	8 200*	50.8	96.2	9 000*				44.0
46.0	41.3	90.3	7 900*	48.0	94.5	8 600*				46.0
48.0	38.0	87.8	7 700*	45.2	92.6	8 300*				48.0
50.0	34.5	85.0	7 500*	42.1	90.4	8 100*				50.0
52.0	30.6	81.8	7 200*	38.9	88.0	7 800*	55.2	95.9	9 300	52.0
54.0	26.1	78.0	6 800*	35.4	85.3	7 600*	52.6	94.4	8 900	54.0
56.0	20.8	73.3	6 500*	31.6	82.3	7 400*	49.9	92.8	8 400	56.0
58.0				27.3	78.6	7 200*	47.2	91.0	8 100	58.0
60.0				22.2	74.2	7 000*	44.2	89.0	7 600	60.0
62.0				15.6	68.2	6 900*	41.1	86.8	7 300	62.0
64.0							37.8	84.3	7 000	64.0
68.0							30.3	78.3	6 300	68.0
72.0							20.4	69.6	5 700	72.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

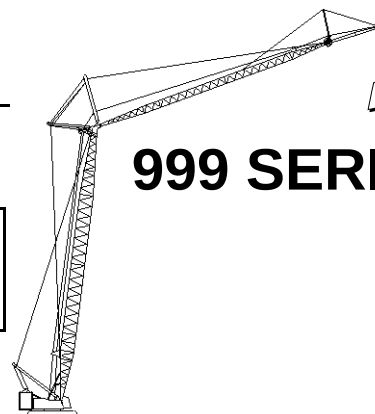
51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.0	110.3	11 700*							19.8
20.0	74.8	110.3	11 700*							20.0
22.0	72.7	109.7	11 600*							22.0
24.0	70.7	109.0	11 400*							24.0
26.0	68.6	108.2	11 200*							26.0
28.0	66.4	107.4	11 100*							28.0
30.0	64.2	106.4	10 600*	69.1	108.0	10 900*				30.0
32.0	62.0	105.4	10 100*	67.0	107.2	10 700*				32.0
34.0	59.8	104.2	9 700*	64.8	106.2	10 600*				34.0
36.0	57.4	103.0	9 300*	62.6	105.2	10 300*				36.0
38.0	55.1	101.6	8 900*	60.3	104.1	9 900*				38.0
40.0	52.6	100.1	8 600*	58.0	102.9	9 500*				40.0
42.0	50.1	98.5	8 400*	55.7	101.6	9 100*				42.0
44.0	47.4	96.7	8 100*	53.2	100.1	8 800*				44.0
46.0	44.7	94.8	7 900*	50.7	98.5	8 500*				46.0
48.0	41.8	92.6	7 600*	48.1	96.8	8 200*				48.0
50.0	38.7	90.2	7 300*	45.4	94.9	8 000*				50.0
52.0	35.4	87.5	7 000*	42.5	92.8	7 700*	57.3	99.6	8 600*	52.0
54.0	31.8	84.4	6 700*	39.5	90.4	7 500*	54.9	98.2	8 500	54.0
56.0	27.7	80.9	6 300*	36.2	87.8	7 300*	52.4	96.7	8 100	56.0
58.0	23.1	76.5	6 000*	32.7	84.8	7 200*	49.9	95.1	7 700	58.0
60.0	17.2	70.9	5 800*	28.8	81.4	7 000*	47.3	93.3	7 400	60.0
62.0				24.3	77.3	6 800*	44.5	91.3	7 000	62.0
64.0				18.8	72.1	6 700*	41.6	89.2	6 700	64.0
68.0							35.2	84.0	6 100	68.0
72.0							27.5	77.3	5 500	72.0
76.0							16.7	67.2	5 000	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

51.8m (170 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.8	113.5	10 500*							19.8
20.0	75.6	113.4	10 500*							20.0
22.0	73.6	112.8	10 400*							22.0
24.0	71.7	112.2	10 200*							24.0
26.0	69.7	111.5	10 100*							26.0
28.0	67.7	110.7	9 900*							28.0
30.0	65.6	109.8	9 700*							30.0
32.0	63.5	108.8	9 600*	68.2	110.5	9 500*				32.0
34.0	61.4	107.8	9 400*	66.1	109.6	9 500*				34.0
36.0	59.3	106.6	9 100*	64.1	108.7	9 300*				36.0
38.0	57.0	105.3	8 800*	62.0	107.6	9 200*				38.0
40.0	54.8	104.0	8 500*	59.8	106.5	9 100*				40.0
42.0	52.4	102.5	8 200*	57.6	105.2	9 000*				42.0
44.0	50.0	100.8	7 900*	55.3	103.9	8 600*				44.0
46.0	47.5	99.0	7 700*	53.0	102.4	8 300*				46.0
48.0	44.9	97.1	7 400*	50.6	100.8	8 100*				48.0
50.0	42.1	94.9	7 100*	48.1	99.1	7 800*				50.0
52.0	39.3	92.6	6 800*	45.6	97.2	7 600*				52.0
54.0	36.2	89.9	6 500*	42.9	95.1	7 400*	56.9	101.9	7 500*	54.0
56.0	32.8	87.0	6 200*	40.0	92.8	7 200*	54.6	100.6	7 500*	56.0
58.0	29.1	83.6	5 900*	37.0	90.2	7 000*	52.3	99.1	7 500	58.0
60.0	24.9	79.6	5 600*	33.7	87.3	6 900*	49.9	97.4	7 100	60.0
62.0	19.9	74.6	5 400*	30.1	84.1	6 700*	47.3	95.6	6 800	62.0
64.0	13.2	67.7	5 200*	26.1	80.2	6 600*	44.7	93.7	6 400	64.0
68.0				15.2	69.3	6 300*	39.1	89.1	5 900	68.0
72.0							32.6	83.5	5 300	72.0
76.0							24.7	76.0	4 800	76.0
80.0							12.6	63.8	4 400	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

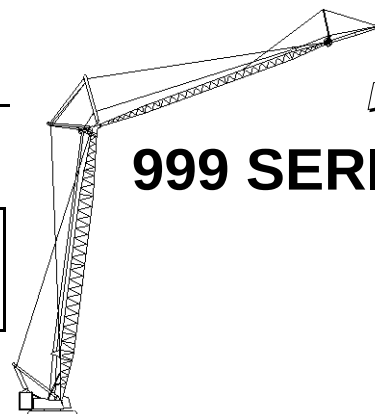
51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	74.6	107.1	10 200*							19.8
20.0	74.3	107.1	10 200*							20.0
22.0	72.2	106.4	10 100*							22.0
24.0	70.0	105.7	9 900*							24.0
26.0	67.7	104.9	9 700*							26.0
28.0	65.4	104.0	9 600*							28.0
30.0	63.1	103.0	9 300*	68.3	104.7	9 900*				30.0
32.0	60.7	101.9	8 800*	66.0	103.8	9 700*				32.0
34.0	58.3	100.6	8 500*	63.7	102.8	9 500*				34.0
36.0	55.8	99.3	8 100*	61.3	101.7	9 000*				36.0
38.0	53.2	97.8	7 800*	58.9	100.5	8 600*				38.0
40.0	50.5	96.2	7 500*	56.4	99.2	8 300*				40.0
42.0	47.7	94.4	7 200*	53.9	97.8	7 900*				42.0
44.0	44.8	92.4	6 900*	51.2	96.2	7 600*				44.0
46.0	41.7	90.2	6 700*	48.5	94.5	7 300*				46.0
48.0	38.4	87.8	6 500*	45.6	92.5	7 100*				48.0
50.0	34.9	85.0	6 300*	42.5	90.4	6 800*				50.0
52.0	31.0	81.8	6 100*	39.3	88.0	6 600*	55.6	95.9	8 200*	52.0
54.0	26.5	78.0	5 900*	35.8	85.3	6 400*	53.0	94.4	7 900*	54.0
56.0	21.1	73.3	5 800*	32.0	82.2	6 200*	50.4	92.8	7 600*	56.0
58.0				27.7	78.6	6 000*	47.6	91.0	7 300*	58.0
60.0				22.6	74.2	5 900*	44.6	89.0	7 000*	60.0
62.0				16.0	68.1	5 800*	41.5	86.8	6 800*	62.0
64.0							38.2	84.3	6 600*	64.0
68.0							30.7	78.3	6 200*	68.0
72.0							20.8	69.6	5 800	72.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.4	110.3	10 000*							19.8
20.0	75.2	110.2	10 000*							20.0
22.0	73.1	109.6	9 900*							22.0
24.0	71.1	109.0	9 700*							24.0
26.0	68.9	108.2	9 600*							26.0
28.0	66.8	107.3	9 500*							28.0
30.0	64.6	106.4	9 100*	69.5	108.0	9 700*				30.0
32.0	62.4	105.4	8 700*	67.3	107.1	9 600*				32.0
34.0	60.1	104.2	8 300*	65.2	106.2	9 300*				34.0
36.0	57.8	103.0	7 900*	63.0	105.2	8 900*				36.0
38.0	55.4	101.6	7 600*	60.7	104.1	8 500*				38.0
40.0	53.0	100.1	7 300*	58.4	102.9	8 100*				40.0
42.0	50.4	98.5	7 100*	56.0	101.6	7 800*				42.0
44.0	47.8	96.7	6 800*	53.6	100.1	7 500*				44.0
46.0	45.0	94.8	6 600*	51.1	98.5	7 200*				46.0
48.0	42.1	92.6	6 400*	48.5	96.8	6 900*				48.0
50.0	39.1	90.2	6 200*	45.8	94.8	6 700*				50.0
52.0	35.8	87.5	6 000*	42.9	92.7	6 500*	57.7	99.6	8 000*	52.0
54.0	32.1	84.4	5 800*	39.9	90.4	6 300*	55.3	98.2	7 700*	54.0
56.0	28.1	80.8	5 700*	36.6	87.8	6 100*	52.8	96.7	7 400*	56.0
58.0	23.4	76.5	5 600*	33.1	84.8	5 900*	50.3	95.1	7 200*	58.0
60.0	17.5	70.9	5 500*	29.2	81.4	5 800*	47.6	93.3	6 900*	60.0
62.0				24.7	77.3	5 600*	44.9	91.3	6 700*	62.0
64.0				19.2	72.1	5 500*	42.0	89.1	6 500*	64.0
68.0							35.5	84.0	6 100*	68.0
72.0							27.8	77.3	5 800	72.0
76.0							17.1	67.1	5 200	76.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

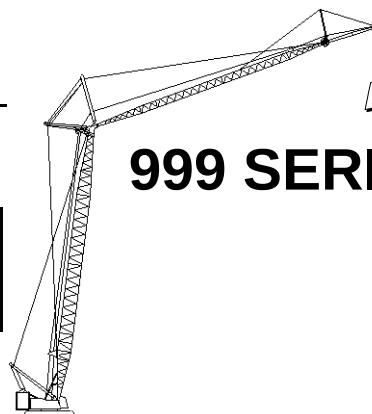
51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.7	113.0	9 700*							21.3
22.0	74.0	112.8	9 700*							22.0
24.0	72.0	112.2	9 500*							24.0
26.0	70.0	111.5	9 400*							26.0
28.0	68.0	110.7	9 200*							28.0
30.0	66.0	109.8	9 000*							30.0
32.0	63.9	108.8	8 500*	68.5	110.5	9 300*				32.0
34.0	61.8	107.7	8 200*	66.5	109.6	9 100*				34.0
36.0	59.6	106.6	7 800*	64.4	108.6	8 700*				36.0
38.0	57.4	105.3	7 500*	62.3	107.6	8 300*				38.0
40.0	55.1	103.9	7 200*	60.2	106.5	8 000*				40.0
42.0	52.8	102.4	7 000*	58.0	105.2	7 700*				42.0
44.0	50.4	100.8	6 700*	55.7	103.9	7 400*				44.0
46.0	47.9	99.0	6 500*	53.4	102.4	7 100*				46.0
48.0	45.3	97.1	6 300*	51.0	100.8	6 800*				48.0
50.0	42.5	94.9	6 100*	48.5	99.1	6 600*				50.0
52.0	39.6	92.6	6 000*	45.9	97.2	6 400*				52.0
54.0	36.5	89.9	5 800*	43.2	95.1	6 200*	57.3	101.9	7 500*	54.0
56.0	33.2	87.0	5 600*	40.4	92.8	6 000*	55.0	100.5	7 300*	56.0
58.0	29.5	83.6	5 500*	37.3	90.2	5 900*	52.6	99.0	7 000*	58.0
60.0	25.3	79.5	5 400*	34.0	87.3	5 700*	50.2	97.4	6 800*	60.0
62.0	20.3	74.6	5 200*	30.4	84.0	5 600*	47.7	95.6	6 600*	62.0
64.0	13.5	67.6	5 000*	26.4	80.2	5 500*	45.1	93.6	6 400*	64.0
68.0				15.5	69.3	5 200*	39.4	89.1	6 000*	68.0
72.0							32.9	83.4	5 600	72.0
76.0							25.0	76.0	5 000	76.0
80.0							12.9	63.7	4 500	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

51.8m (170 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.4	116.2	9 200*							21.3
22.0	74.8	116.0	9 200*							22.0
24.0	72.9	115.4	9 000*							24.0
26.0	71.0	114.7	8 900*							26.0
28.0	69.1	114.0	8 700*							28.0
30.0	67.2	113.1	8 600*							30.0
32.0	65.2	112.2	8 300*	69.6	113.7	8 400*				32.0
34.0	63.2	111.2	8 000*	67.7	112.9	8 400*				34.0
36.0	61.2	110.1	7 700*	65.7	112.0	8 300*				36.0
38.0	59.1	108.9	7 400*	63.7	111.0	8 100*				38.0
40.0	57.0	107.6	7 100*	61.7	110.0	7 800*				40.0
42.0	54.9	106.3	6 800*	59.7	108.8	7 500*				42.0
44.0	52.6	104.7	6 600*	57.6	107.6	7 200*				44.0
46.0	50.3	103.1	6 400*	55.4	106.2	6 900*				46.0
48.0	47.9	101.3	6 200*	53.2	104.7	6 700*				48.0
50.0	45.4	99.4	6 000*	50.9	103.1	6 500*				50.0
52.0	42.8	97.3	5 800*	48.5	101.4	6 300*				52.0
54.0	40.1	94.9	5 700*	46.1	99.5	6 100*				54.0
56.0	37.2	92.4	5 500*	43.5	97.4	5 900*				56.0
58.0	34.1	89.5	5 400*	40.8	95.1	5 700*	54.7	102.9	6 700*	58.0
60.0	30.7	86.2	5 300*	37.9	92.6	5 600*	52.5	101.3	6 600*	60.0
62.0	26.9	82.5	5 100*	34.9	89.8	5 500*	50.2	99.7	6 400*	62.0
64.0	22.5	77.9	4 900*	31.6	86.7	5 300*	47.8	97.9	6 300*	64.0
68.0				23.6	78.7	5 200*	42.7	93.8	5 900	68.0
72.0							37.0	88.9	5 300	72.0
76.0							30.4	82.7	4 900	76.0
80.0							22.1	74.3	4 400	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

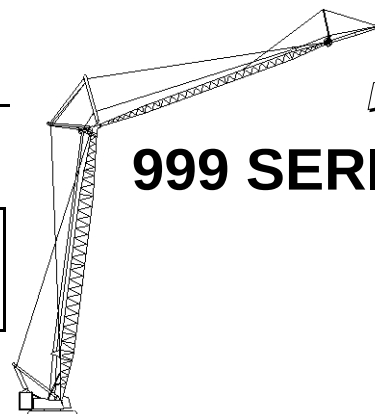
51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.5	110.3	8 700*							19.8
20.0	75.3	110.2	8 700*							20.0
22.0	73.2	109.6	8 600*							22.0
24.0	71.2	109.0	8 400*							24.0
26.0	69.0	108.2	8 300*							26.0
28.0	66.9	107.3	8 200*							28.0
30.0	64.7	106.4	8 000*	69.6	108.0	8 400*				30.0
32.0	62.5	105.4	7 800*	67.4	107.2	8 300*				32.0
34.0	60.2	104.2	7 400*	65.3	106.2	8 100*				34.0
36.0	57.9	103.0	7 100*	63.1	105.2	8 000*				36.0
38.0	55.5	101.6	6 800*	60.8	104.1	7 600*				38.0
40.0	53.1	100.1	6 500*	58.5	102.9	7 300*				40.0
42.0	50.5	98.5	6 300*	56.1	101.6	6 900*				42.0
44.0	47.9	96.7	6 100*	53.7	100.1	6 600*				44.0
46.0	45.1	94.8	5 800*	51.2	98.5	6 400*				46.0
48.0	42.2	92.6	5 600*	48.6	96.8	6 100*				48.0
50.0	39.2	90.2	5 400*	45.9	94.8	5 900*				50.0
52.0	35.8	87.5	5 300*	43.0	92.7	5 700*	57.8	99.6	7 200*	52.0
54.0	32.2	84.4	5 100*	40.0	90.4	5 500*	55.4	98.2	6 900*	54.0
56.0	28.2	80.8	5 000*	36.7	87.8	5 300*	52.9	96.7	6 600*	56.0
58.0	23.5	76.5	4 800*	33.2	84.8	5 200*	50.4	95.1	6 400*	58.0
60.0	17.6	70.9	4 700*	29.3	81.4	5 000*	47.7	93.3	6 100*	60.0
62.0				24.8	77.3	4 900*	45.0	91.3	5 900*	62.0
64.0				19.3	72.1	4 800*	42.1	89.1	5 700*	64.0
68.0							35.6	84.0	5 400*	68.0
72.0							27.9	77.3	5 000*	72.0
76.0							17.2	67.2	4 800*	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.7	113.0	8 500*							21.3
22.0	74.1	112.8	8 400*							22.0
24.0	72.1	112.2	8 300*							24.0
26.0	70.1	111.5	8 200*							26.0
28.0	68.1	110.7	8 000*							28.0
30.0	66.1	109.8	7 900*							30.0
32.0	64.0	108.8	7 700*	68.6	110.5	8 100*				32.0
34.0	61.9	107.7	7 300*	66.6	109.6	8 000*				34.0
36.0	59.7	106.6	7 000*	64.5	108.6	7 800*				36.0
38.0	57.5	105.3	6 700*	62.4	107.6	7 500*				38.0
40.0	55.2	103.9	6 400*	60.3	106.5	7 200*				40.0
42.0	52.9	102.4	6 200*	58.1	105.2	6 900*				42.0
44.0	50.5	100.8	6 000*	55.8	103.9	6 600*				44.0
46.0	48.0	99.0	5 700*	53.5	102.4	6 300*				46.0
48.0	45.3	97.1	5 600*	51.1	100.8	6 000*				48.0
50.0	42.6	94.9	5 400*	48.6	99.1	5 800*				50.0
52.0	39.7	92.6	5 200*	46.0	97.2	5 600*				52.0
54.0	36.6	89.9	5 000*	43.3	95.1	5 500*				54.0
56.0	33.3	87.0	4 900*	40.4	92.8	5 300*	55.1	100.5	6 500*	56.0
58.0	29.6	83.6	4 800*	37.4	90.2	5 100*	52.7	99.0	6 200*	58.0
60.0	25.4	79.6	4 600*	34.1	87.3	5 000*	50.3	97.4	6 000*	60.0
62.0	20.4	74.6	4 600*	30.5	84.0	4 800*	47.8	95.6	5 800*	62.0
64.0	13.6	67.6	4 500*	26.5	80.2	4 700*	45.2	93.6	5 600*	64.0
68.0				15.6	69.3	4 500*	39.5	89.1	5 300*	68.0
72.0							33.0	83.5	5 000*	72.0
76.0							25.1	76.0	4 700*	76.0
80.0							13.0	63.7	4 500*	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

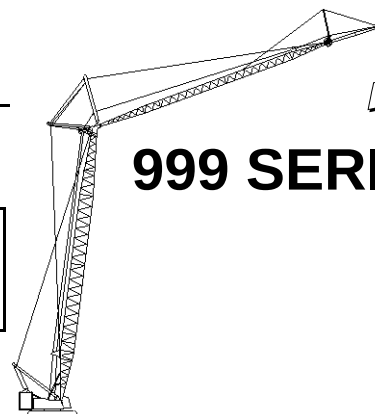
51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.5	116.2	8 300*							21.3
22.0	74.9	116.0	8 300*							22.0
24.0	73.0	115.4	8 100*							24.0
26.0	71.1	114.7	8 000*							26.0
28.0	69.2	114.0	7 900*							28.0
30.0	67.3	113.1	7 800*							30.0
32.0	65.3	112.2	7 500*	69.7	113.7	7 800*				32.0
34.0	63.3	111.2	7 200*	67.8	112.9	7 600*				34.0
36.0	61.3	110.1	6 900*	65.8	112.0	7 500*				36.0
38.0	59.2	108.9	6 600*	63.8	111.1	7 300*				38.0
40.0	57.1	107.6	6 300*	61.8	110.0	7 000*				40.0
42.0	54.9	106.3	6 100*	59.8	108.8	6 700*				42.0
44.0	52.7	104.7	5 900*	57.6	107.6	6 500*				44.0
46.0	50.4	103.1	5 600*	55.5	106.2	6 200*				46.0
48.0	48.0	101.3	5 500*	53.3	104.7	6 000*				48.0
50.0	45.5	99.4	5 300*	51.0	103.1	5 700*				50.0
52.0	42.9	97.3	5 200*	48.6	101.4	5 600*				52.0
54.0	40.2	94.9	5 000*	46.2	99.5	5 400*				54.0
56.0	37.3	92.4	4 800*	43.6	97.4	5 200*				56.0
58.0	34.2	89.5	4 700*	40.9	95.1	5 100*	54.8	102.9	6 100*	58.0
60.0	30.8	86.2	4 600*	38.0	92.6	4 900*	52.6	101.3	5 900*	60.0
62.0	27.0	82.5	4 500*	35.0	89.8	4 800*	50.2	99.7	5 700*	62.0
64.0	22.5	77.9	4 400*	31.6	86.7	4 700*	47.9	97.9	5 500*	64.0
68.0				23.7	78.7	4 400*	42.8	93.8	5 200*	68.0
72.0							37.1	88.9	4 900*	72.0
76.0							30.5	82.7	4 700*	76.0
80.0							22.2	74.3	4 500*	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

51.8m (170 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	74.8	118.9	7 800*							22.9
24.0	73.8	118.6	7 700*							24.0
26.0	72.0	117.9	7 600*							26.0
28.0	70.2	117.2	7 400*							28.0
30.0	68.4	116.4	7 300*							30.0
32.0	66.5	115.6	7 100*	70.7	117.0	7 200*				32.0
34.0	64.6	114.6	7 000*	68.8	116.2	7 100*				34.0
36.0	62.7	113.6	6 800*	67.0	115.4	7 000*				36.0
38.0	60.8	112.5	6 500*	65.1	114.5	6 900*				38.0
40.0	58.8	111.3	6 200*	63.2	113.4	6 800*				40.0
42.0	56.8	110.0	6 000*	61.3	112.4	6 600*				42.0
44.0	54.7	108.6	5 700*	59.3	111.2	6 300*				44.0
46.0	52.5	107.0	5 500*	57.3	109.9	6 100*				46.0
48.0	50.3	105.4	5 400*	55.2	108.5	5 800*				48.0
50.0	48.1	103.6	5 200*	53.1	107.0	5 600*				50.0
52.0	45.7	101.7	5 000*	50.9	105.4	5 500*				52.0
54.0	43.2	99.6	4 900*	48.6	103.7	5 300*				54.0
56.0	40.6	97.3	4 800*	46.3	101.8	5 100*				56.0
58.0	37.9	94.8	4 600*	43.9	99.7	5 000*	56.6	106.6	5 800*	58.0
60.0	35.0	92.0	4 500*	41.3	97.5	4 800*	54.5	105.2	5 800*	60.0
62.0	31.8	88.8	4 400*	38.6	95.0	4 700*	52.4	103.6	5 600*	62.0
64.0	28.3	85.3	4 300*	35.7	92.3	4 600*	50.2	102.0	5 400*	64.0
68.0	19.6	75.9	4 100*	29.2	85.8	4 400*	45.5	98.3	5 100*	68.0
72.0				20.9	76.9	4 200*	40.5	93.8	4 800*	72.0
76.0							34.8	88.5	4 600*	76.0
80.0							28.1	81.7	4 400	80.0
84.0							19.3	72.2	4 000	84.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

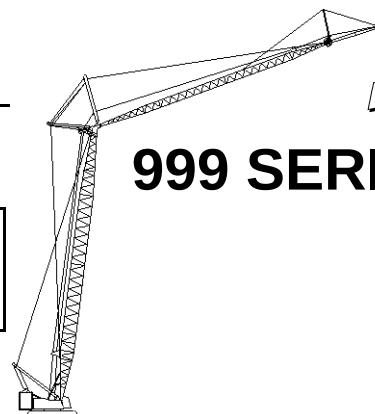
51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.5	113.0	7 300*							21.3
22.0	73.9	112.8	7 300*							22.0
24.0	71.9	112.2	7 100*							24.0
26.0	69.9	111.5	6 900*							26.0
28.0	67.9	110.7	6 700*							28.0
30.0	65.9	109.8	6 500*							30.0
32.0	63.8	108.8	6 300*	68.4	110.5	6 700*				32.0
34.0	61.7	107.8	6 200*	66.4	109.6	6 500*				34.0
36.0	59.5	106.6	6 000*	64.3	108.7	6 300*				36.0
38.0	57.3	105.3	5 900*	62.2	107.6	6 200*				38.0
40.0	55.0	104.0	5 700*	60.1	106.5	6 000*				40.0
42.0	52.7	102.5	5 600*	57.9	105.2	5 900*				42.0
44.0	50.3	100.8	5 400*	55.6	103.9	5 700*				44.0
46.0	47.8	99.0	5 200*	53.3	102.4	5 600*				46.0
48.0	45.2	97.1	5 000*	50.9	100.8	5 500*				48.0
50.0	42.4	94.9	4 800*	48.4	99.1	5 300*				50.0
52.0	39.5	92.6	4 700*	45.8	97.2	5 100*				52.0
54.0	36.4	89.9	4 500*	43.1	95.1	4 900*	57.2	101.9	5 500*	54.0
56.0	33.1	87.0	4 400*	40.3	92.8	4 700*	54.9	100.6	5 400*	56.0
58.0	29.4	83.6	4 300*	37.2	90.2	4 600*	52.5	99.1	5 300*	58.0
60.0	25.2	79.6	4 100*	34.0	87.3	4 400*	50.1	97.4	5 200*	60.0
62.0	20.2	74.6	4 000*	30.4	84.1	4 300*	47.6	95.6	5 200*	62.0
64.0	13.4	67.7	3 900*	26.3	80.2	4 200*	45.0	93.7	5 100*	64.0
68.0				15.4	69.3	4 000*	39.3	89.1	4 800*	68.0
72.0							32.9	83.5	4 500*	72.0
76.0							24.9	76.0	4 200*	76.0
80.0							12.9	63.8	4 000*	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.3	116.2	7 100*							21.3
22.0	74.7	116.0	7 000*							22.0
24.0	72.8	115.4	6 900*							24.0
26.0	70.9	114.7	6 700*							26.0
28.0	69.0	114.0	6 500*							28.0
30.0	67.1	113.1	6 300*							30.0
32.0	65.1	112.2	6 200*	69.5	113.8	6 400*				32.0
34.0	63.1	111.2	6 000*	67.6	112.9	6 300*				34.0
36.0	61.1	110.1	5 900*	65.6	112.0	6 100*				36.0
38.0	59.0	108.9	5 700*	63.7	111.1	6 000*				38.0
40.0	56.9	107.7	5 600*	61.6	110.0	5 900*				40.0
42.0	54.8	106.3	5 500*	59.6	108.8	5 700*				42.0
44.0	52.5	104.8	5 300*	57.5	107.6	5 600*				44.0
46.0	50.2	103.1	5 100*	55.3	106.2	5 500*				46.0
48.0	47.8	101.3	5 000*	53.1	104.7	5 400*				48.0
50.0	45.3	99.4	4 800*	50.8	103.1	5 200*				50.0
52.0	42.8	97.3	4 600*	48.4	101.4	5 000*				52.0
54.0	40.0	95.0	4 500*	46.0	99.5	4 800*				54.0
56.0	37.1	92.4	4 300*	43.4	97.4	4 700*	56.8	104.3	5 200*	56.0
58.0	34.0	89.5	4 200*	40.7	95.1	4 500*	54.6	102.9	5 200*	58.0
60.0	30.6	86.3	4 100*	37.9	92.6	4 400*	52.4	101.4	5 100*	60.0
62.0	26.8	82.5	4 000*	34.8	89.8	4 300*	50.1	99.7	5 000*	62.0
64.0	22.4	78.0	3 900*	31.5	86.7	4 100*	47.7	97.9	5 000*	64.0
68.0				23.6	78.8	3 900*	42.6	93.8	4 700*	68.0
72.0							36.9	88.9	4 400*	72.0
76.0							30.4	82.7	4 100*	76.0
80.0							22.1	74.3	3 900*	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

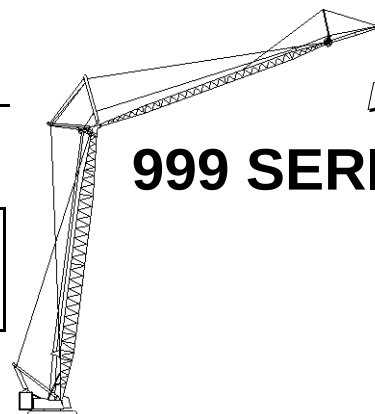
51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	76.0	119.4	6 800*							21.3
22.0	75.4	119.2	6 700*							22.0
24.0	73.6	118.6	6 600*							24.0
26.0	71.8	118.0	6 400*							26.0
28.0	70.0	117.2	6 300*							28.0
30.0	68.2	116.4	6 100*							30.0
32.0	66.3	115.6	6 000*	70.5	117.0	6 200*				32.0
34.0	64.5	114.6	5 800*	68.7	116.2	6 000*				34.0
36.0	62.5	113.6	5 700*	66.8	115.4	5 900*				36.0
38.0	60.6	112.5	5 600*	64.9	114.5	5 800*				38.0
40.0	58.6	111.3	5 500*	63.0	113.5	5 600*				40.0
42.0	56.6	110.0	5 300*	61.1	112.4	5 600*				42.0
44.0	54.5	108.6	5 200*	59.1	111.2	5 400*				44.0
46.0	52.4	107.1	5 100*	57.1	109.9	5 300*				46.0
48.0	50.2	105.4	4 900*	55.0	108.5	5 200*				48.0
50.0	47.9	103.6	4 700*	52.9	107.0	5 100*				50.0
52.0	45.5	101.7	4 600*	50.7	105.4	5 000*				52.0
54.0	43.1	99.6	4 400*	48.5	103.7	4 800*				54.0
56.0	40.5	97.3	4 300*	46.1	101.8	4 600*				56.0
58.0	37.7	94.8	4 200*	43.7	99.7	4 500*	56.5	106.6	4 900*	58.0
60.0	34.8	92.0	4 000*	41.1	97.5	4 400*	54.4	105.2	4 900*	60.0
62.0	31.6	88.9	3 900*	38.4	95.0	4 200*	52.2	103.7	4 800*	62.0
64.0	28.2	85.3	3 900*	35.6	92.3	4 100*	50.0	102.0	4 800*	64.0
68.0	19.5	75.9	3 700*	29.1	85.8	3 900*	45.4	98.3	4 600*	68.0
72.0				20.8	76.9	3 700*	40.3	93.9	4 300*	72.0
76.0							34.6	88.5	4 100*	76.0
80.0							27.9	81.7	3 900*	80.0
84.0							19.1	72.2	3 700*	84.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

51.8m (170 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.3	122.1	6 300*							22.9
24.0	74.4	121.8	6 300*							24.0
26.0	72.6	121.2	6 200*							26.0
28.0	70.9	120.5	6 000*							28.0
30.0	69.2	119.7	5 900*							30.0
32.0	67.4	118.9	5 800*							32.0
34.0	65.6	118.0	5 600*	69.6	119.5	5 800*				34.0
36.0	63.8	117.0	5 500*	67.9	118.7	5 700*				36.0
38.0	62.0	116.0	5 400*	66.1	117.8	5 500*				38.0
40.0	60.1	114.9	5 200*	64.3	116.9	5 400*				40.0
42.0	58.2	113.6	5 200*	62.5	115.9	5 300*				42.0
44.0	56.3	112.3	5 000*	60.6	114.7	5 200*				44.0
46.0	54.3	110.9	5 000*	58.7	113.5	5 200*				46.0
48.0	52.2	109.4	4 800*	56.8	112.2	5 000*				48.0
50.0	50.1	107.7	4 600*	54.8	110.8	4 900*				50.0
52.0	47.9	105.9	4 500*	52.7	109.3	4 900*				52.0
54.0	45.7	104.0	4 300*	50.6	107.7	4 700*				54.0
56.0	43.3	101.9	4 200*	48.5	106.0	4 600*				56.0
58.0	40.9	99.7	4 100*	46.3	104.1	4 400*				58.0
60.0	38.3	97.2	4 000*	43.9	102.1	4 300*	56.1	108.9	4 700*	60.0
62.0	35.5	94.5	3 900*	41.5	99.8	4 200*	54.1	107.5	4 600*	62.0
64.0	32.6	91.4	3 800*	38.9	97.4	4 000*	52.1	106.0	4 600*	64.0
68.0	25.7	84.1	3 600*	33.3	91.8	3 800*	47.8	102.5	4 500*	68.0
72.0	16.4	73.3	3 400*	26.7	84.7	3 600*	43.2	98.5	4 200*	72.0
76.0				17.8	74.6	3 500*	38.1	93.7	4 000*	76.0
80.0							32.4	87.9	3 800*	80.0
84.0							25.5	80.5	3 600*	84.0
88.0							16.0	69.6	3 500*	88.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

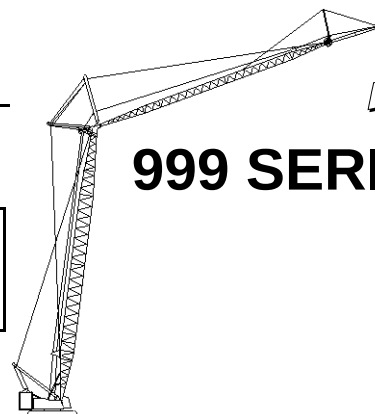
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
18.3	75.1	107.5	12 300*							18.3
20.0	73.1	107.0	12 100*							20.0
22.0	70.8	106.3	12 000*							22.0
24.0	68.4	105.5	11 800*							24.0
26.0	66.0	104.7	11 700*							26.0
28.0	63.6	103.7	11 500*	69.3	105.4	12 000*				28.0
30.0	61.1	102.6	11 000*	66.9	104.6	11 900*				30.0
32.0	58.5	101.4	10 500*	64.5	103.6	11 700*				32.0
34.0	55.9	100.1	10 000*	62.0	102.6	11 400*				34.0
36.0	53.2	98.7	9 600*	59.5	101.5	10 800*				36.0
38.0	50.3	97.1	9 200*	56.9	100.2	10 400*				38.0
40.0	47.4	95.3	8 900*	54.2	98.8	9 900*				40.0
42.0	44.3	93.3	8 600*	51.4	97.3	9 500*				42.0
44.0	41.0	91.1	8 300*	48.5	95.5	9 100*				44.0
46.0	37.5	88.6	8 000*	45.5	93.6	8 800*				46.0
48.0	33.7	85.7	7 800*	42.3	91.5	8 500*				48.0
50.0	29.4	82.4	7 500*	38.9	89.1	8 200*				50.0
52.0	24.4	78.4	7 200*	35.2	86.4	8 000*	54.3	95.8	8 900	52.0
54.0	18.2	73.1	6 800*	31.1	83.3	7 800*	51.5	94.2	8 500	54.0
56.0	8.2	64.2	6 400*	26.4	79.6	7 600*	48.6	92.5	8 100	56.0
58.0				20.8	74.9	7 300*	45.6	90.6	7 700	58.0
60.0				13.0	68.1	7 200*	42.4	88.5	7 300	60.0
62.0							39.0	86.1	7 000	62.0
64.0							35.3	83.4	6 700	64.0
68.0							26.6	76.6	6 100	68.0
72.0							13.2	65.2	5 500	72.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
18.3	75.9	110.6	12 000*							18.3
20.0	74.1	110.2	11 900*							20.0
22.0	71.9	109.5	11 700*							22.0
24.0	69.7	108.8	11 600*							24.0
26.0	67.4	108.0	11 500*							26.0
28.0	65.1	107.1	11 300*							28.0
30.0	62.8	106.1	10 700*	68.3	107.9	11 600*				30.0
32.0	60.4	105.0	10 300*	66.0	107.0	11 500*				32.0
34.0	58.0	103.8	9 800*	63.7	106.1	11 100*				34.0
36.0	55.5	102.4	9 400*	61.4	105.0	10 600*				36.0
38.0	52.9	101.0	9 100*	59.0	103.8	10 200*				38.0
40.0	50.3	99.4	8 700*	56.5	102.5	9 800*				40.0
42.0	47.5	97.6	8 400*	53.9	101.1	9 400*				42.0
44.0	44.6	95.6	8 200*	51.3	99.6	9 000*				44.0
46.0	41.5	93.4	7 900*	48.6	97.8	8 700*				46.0
48.0	38.2	91.0	7 700*	45.7	96.0	8 400*				48.0
50.0	34.7	88.2	7 400*	42.7	93.9	8 100*				50.0
52.0	30.8	85.1	7 000*	39.5	91.5	7 900*	56.5	99.5	8 800	52.0
54.0	26.4	81.3	6 700*	36.1	88.9	7 600*	54.0	98.1	8 300	54.0
56.0	21.1	76.6	6 300*	32.3	85.9	7 400*	51.4	96.5	7 900	56.0
58.0	14.0	70.1	6 000*	28.1	82.4	7 200*	48.6	94.8	7 600	58.0
60.0				23.2	78.1	7 100*	45.8	92.9	7 200	60.0
62.0				17.0	72.5	6 900*	42.8	90.9	6 800	62.0
64.0				6.3	62.3	6 800*	39.6	88.5	6 500	64.0
68.0							32.4	82.9	6 000	68.0
72.0							23.4	75.2	5 400	72.0
76.0							6.7	59.7	4 900	76.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

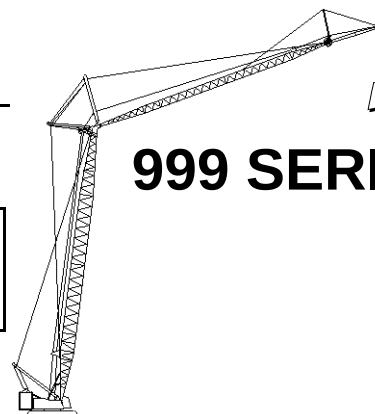
54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.1	113.4	11 600*							19.8
20.0	74.9	113.3	11 500*							20.0
22.0	72.9	112.7	11 300*							22.0
24.0	70.8	112.1	11 200*							24.0
26.0	68.7	111.3	11 100*							26.0
28.0	66.5	110.5	10 900*							28.0
30.0	64.4	109.5	10 500*	69.5	111.2	10 700*				30.0
32.0	62.1	108.5	10 100*	67.4	110.4	10 600*				32.0
34.0	59.9	107.4	9 700*	65.2	109.5	10 400*				34.0
36.0	57.6	106.1	9 300*	63.0	108.5	10 300*				36.0
38.0	55.2	104.8	8 900*	60.8	107.4	10 000*				38.0
40.0	52.7	103.3	8 600*	58.5	106.2	9 600*				40.0
42.0	50.2	101.7	8 300*	56.1	104.9	9 200*				42.0
44.0	47.6	99.9	8 100*	53.7	103.4	8 900*				44.0
46.0	44.8	97.9	7 800*	51.2	101.9	8 600*				46.0
48.0	41.9	95.8	7 500*	48.6	100.1	8 300*				48.0
50.0	38.9	93.4	7 200*	45.9	98.3	8 000*				50.0
52.0	35.6	90.7	6 800*	43.1	96.2	7 800*				52.0
54.0	32.0	87.6	6 500*	40.1	93.9	7 600*	56.2	101.8	8 000	54.0
56.0	28.0	84.1	6 200*	36.9	91.3	7 400*	53.7	100.4	7 600	56.0
58.0	23.3	79.8	5 900*	33.4	88.4	7 200*	51.2	98.8	7 200	58.0
60.0	17.6	74.3	5 600*	29.6	85.1	7 000*	48.6	97.1	6 900	60.0
62.0	8.4	65.3	5 400*	25.2	81.2	6 800*	45.9	95.3	6 500	62.0
64.0				20.0	76.2	6 700*	43.1	93.2	6 200	64.0
68.0							36.9	88.3	5 700	68.0
72.0							29.6	82.1	5 200	72.0
76.0							20.1	73.3	4 700	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.9	116.5	10 300*							19.8
20.0	75.7	116.5	10 300*							20.0
22.0	73.7	115.9	10 200*							22.0
24.0	71.8	115.3	10 000*							24.0
26.0	69.8	114.6	9 900*							26.0
28.0	67.8	113.8	9 700*							28.0
30.0	65.7	112.9	9 500*							30.0
32.0	63.6	111.9	9 400*	68.5	113.6	9 400*				32.0
34.0	61.5	110.9	9 300*	66.5	112.8	9 300*				34.0
36.0	59.4	109.7	9 100*	64.4	111.9	9 200*				36.0
38.0	57.2	108.4	8 700*	62.3	110.8	9 100*				38.0
40.0	54.9	107.1	8 400*	60.2	109.7	9 000*				40.0
42.0	52.6	105.6	8 100*	58.0	108.5	8 900*				42.0
44.0	50.1	104.0	7 800*	55.8	107.2	8 700*				44.0
46.0	47.6	102.2	7 500*	53.5	105.7	8 400*				46.0
48.0	45.0	100.2	7 200*	51.1	104.2	8 100*				48.0
50.0	42.3	98.1	6 900*	48.6	102.4	7 900*				50.0
52.0	39.4	95.8	6 600*	46.0	100.6	7 600*				52.0
54.0	36.3	93.1	6 300*	43.4	98.5	7 400*				54.0
56.0	33.0	90.2	6 000*	40.5	96.3	7 200*	55.8	104.2	7 300	56.0
58.0	29.3	86.8	5 700*	37.5	93.7	7 100*	53.5	102.7	7 000	58.0
60.0	25.2	82.9	5 500*	34.3	90.9	6 900*	51.1	101.1	6 600	60.0
62.0	20.2	78.0	5 300*	30.8	87.7	6 700*	48.7	99.4	6 300	62.0
64.0	13.6	71.2	5 100*	26.8	84.0	6 600*	46.1	97.6	6 000	64.0
68.0				16.5	73.7	6 400*	40.6	93.3	5 400	68.0
72.0							34.4	87.9	4 900	72.0
76.0							26.9	81.1	4 500	76.0
80.0							16.6	70.8	4 100	80.0

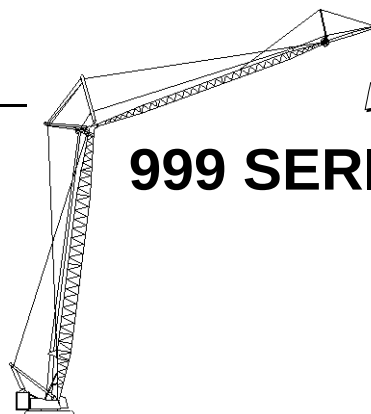


Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s



999 SERIES 3

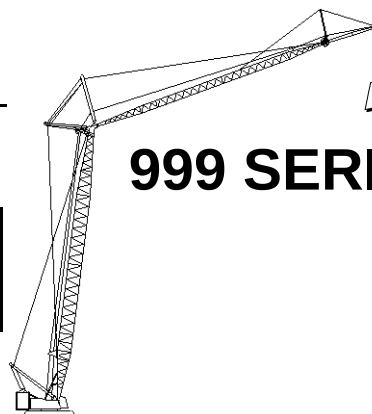
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	74.7	110.2	10 200*							19.8
20.0	74.5	110.1	10 100*							20.0
22.0	72.3	109.5	10 000*							22.0
24.0	70.1	108.8	9 800*							24.0
26.0	67.8	108.0	9 700*							26.0
28.0	65.6	107.1	9 500*							28.0
30.0	63.2	106.1	9 300*	68.7	107.9	9 800*				30.0
32.0	60.9	105.0	8 800*	66.4	107.0	9 700*				32.0
34.0	58.4	103.8	8 400*	64.1	106.0	9 500*				34.0
36.0	55.9	102.4	8 100*	61.8	105.0	9 100*				36.0
38.0	53.3	101.0	7 700*	59.4	103.8	8 700*				38.0
40.0	50.7	99.3	7 400*	56.9	102.5	8 300*				40.0
42.0	47.9	97.6	7 200*	54.3	101.1	8 000*				42.0
44.0	45.0	95.6	6 900*	51.7	99.5	7 700*				44.0
46.0	41.9	93.4	6 700*	49.0	97.8	7 400*				46.0
48.0	38.6	91.0	6 500*	46.1	95.9	7 100*				48.0
50.0	35.1	88.2	6 300*	43.1	93.8	6 900*				50.0
52.0	31.2	85.0	6 100*	39.9	91.5	6 600*	56.9	99.5	8 400*	52.0
54.0	26.7	81.3	5 900*	36.5	88.9	6 400*	54.4	98.1	8 000*	54.0
56.0	21.5	76.6	5 800*	32.7	85.9	6 200*	51.8	96.5	7 700*	56.0
58.0	14.3	70.0	5 700*	28.5	82.4	6 100*	49.0	94.8	7 500*	58.0
60.0				23.6	78.1	5 900*	46.2	92.9	7 200*	60.0
62.0				17.4	72.5	5 800*	43.2	90.8	6 900*	62.0
64.0				6.5	62.2	5 700*	40.0	88.5	6 700	64.0
68.0							32.8	82.9	6 100	68.0
72.0							23.7	75.1	5 500	72.0
76.0							7.0	59.6	5 000	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.5	113.4	10 000*							19.8
20.0	75.3	113.3	10 000*							20.0
22.0	73.2	112.7	9 800*							22.0
24.0	71.2	112.0	9 700*							24.0
26.0	69.1	111.3	9 500*							26.0
28.0	66.9	110.4	9 400*							28.0
30.0	64.7	109.5	9 100*	69.9	111.1	9 600*				30.0
32.0	62.5	108.5	8 700*	67.7	110.3	9 500*				32.0
34.0	60.3	107.3	8 300*	65.6	109.4	9 400*				34.0
36.0	58.0	106.1	7 900*	63.4	108.4	9 000*				36.0
38.0	55.6	104.7	7 600*	61.1	107.3	8 500*				38.0
40.0	53.1	103.3	7 300*	58.8	106.2	8 200*				40.0
42.0	50.6	101.6	7 100*	56.5	104.8	7 800*				42.0
44.0	48.0	99.9	6 800*	54.1	103.4	7 600*				44.0
46.0	45.2	97.9	6 600*	51.6	101.8	7 300*				46.0
48.0	42.3	95.7	6 400*	49.0	100.1	7 000*				48.0
50.0	39.2	93.4	6 200*	46.3	98.2	6 700*				50.0
52.0	35.9	90.7	6 000*	43.4	96.2	6 600*				52.0
54.0	32.3	87.6	5 800*	40.4	93.9	6 300*	56.5	101.8	7 900*	54.0
56.0	28.3	84.1	5 700*	37.2	91.3	6 200*	54.1	100.4	7 600*	56.0
58.0	23.7	79.8	5 600*	33.8	88.4	6 000*	51.6	98.8	7 300*	58.0
60.0	17.9	74.3	5 400*	29.9	85.1	5 800*	49.0	97.1	7 000*	60.0
62.0	8.7	65.2	5 200*	25.6	81.1	5 700*	46.3	95.2	6 800	62.0
64.0				20.3	76.2	5 600*	43.5	93.2	6 500	64.0
68.0							37.3	88.3	6 000	68.0
72.0							30.0	82.1	5 400	72.0
76.0							20.4	73.2	4 900	76.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

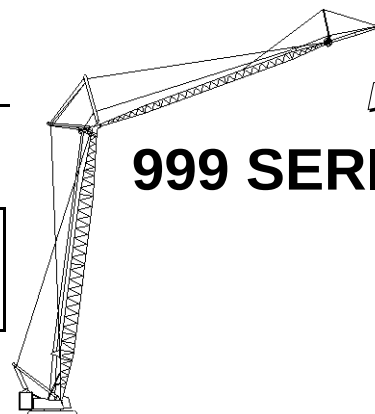
54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.8	116.1	9 600*							21.3
22.0	74.1	115.9	9 600*							22.0
24.0	72.1	115.3	9 500*							24.0
26.0	70.2	114.5	9 300*							26.0
28.0	68.1	113.8	9 200*							28.0
30.0	66.1	112.9	8 900*							30.0
32.0	64.0	111.9	8 500*	68.9	113.6	9 200*				32.0
34.0	61.9	110.8	8 100*	66.9	112.8	9 100*				34.0
36.0	59.7	109.7	7 800*	64.8	111.9	8 800*				36.0
38.0	57.5	108.4	7 500*	62.7	110.8	8 400*				38.0
40.0	55.3	107.1	7 200*	60.6	109.7	8 000*				40.0
42.0	52.9	105.6	7 000*	58.4	108.5	7 700*				42.0
44.0	50.5	103.9	6 700*	56.1	107.2	7 400*				44.0
46.0	48.0	102.2	6 500*	53.8	105.7	7 200*				46.0
48.0	45.4	100.2	6 300*	51.4	104.1	6 900*				48.0
50.0	42.7	98.1	6 100*	49.0	102.4	6 700*				50.0
52.0	39.8	95.7	5 900*	46.4	100.5	6 500*				52.0
54.0	36.7	93.1	5 800*	43.7	98.5	6 200*				54.0
56.0	33.4	90.2	5 600*	40.9	96.2	6 100*	56.2	104.1	7 400*	56.0
58.0	29.7	86.8	5 500*	37.9	93.7	5 900*	53.9	102.7	7 200	58.0
60.0	25.5	82.8	5 300*	34.7	90.9	5 800*	51.5	101.1	6 900	60.0
62.0	20.6	77.9	5 100*	31.1	87.7	5 600*	49.0	99.4	6 500	62.0
64.0	13.9	71.1	4 900*	27.2	84.0	5 500*	46.5	97.5	6 200	64.0
68.0				16.8	73.7	5 300*	41.0	93.2	5 700	68.0
72.0							34.7	87.9	5 200	72.0
76.0							27.3	81.0	4 700	76.0
80.0							16.9	70.8	4 300	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.5	119.3	9 100*							21.3
22.0	74.9	119.1	9 100*							22.0
24.0	73.0	118.5	8 900*							24.0
26.0	71.1	117.8	8 700*							26.0
28.0	69.2	117.0	8 600*							28.0
30.0	67.3	116.2	8 500*							30.0
32.0	65.3	115.3	8 300*	70.0	116.9	8 300*				32.0
34.0	63.4	114.3	7 900*	68.0	116.1	8 200*				34.0
36.0	61.3	113.2	7 600*	66.1	115.2	8 200*				36.0
38.0	59.3	112.0	7 300*	64.1	114.3	8 100*				38.0
40.0	57.1	110.8	7 100*	62.1	113.2	7 800*				40.0
42.0	55.0	109.4	6 800*	60.1	112.1	7 500*				42.0
44.0	52.7	107.9	6 600*	58.0	110.8	7 300*				44.0
46.0	50.4	106.2	6 400*	55.8	109.5	7 000*				46.0
48.0	48.1	104.5	6 200*	53.6	108.0	6 800*				48.0
50.0	45.6	102.5	6 000*	51.3	106.4	6 500*				50.0
52.0	43.0	100.4	5 800*	49.0	104.7	6 300*				52.0
54.0	40.3	98.1	5 700*	46.5	102.9	6 200*				54.0
56.0	37.4	95.5	5 600*	44.0	100.8	6 000*				56.0
58.0	34.2	92.7	5 400*	41.3	98.6	5 800*	55.9	106.5	6 600*	58.0
60.0	30.9	89.5	5 200*	38.5	96.1	5 700*	53.6	105.0	6 500	60.0
62.0	27.1	85.7	5 000*	35.5	93.4	5 500*	51.4	103.4	6 300	62.0
64.0	22.7	81.2	4 800*	32.2	90.3	5 400*	49.0	101.7	6 000	64.0
68.0	8.9	66.3	4 400*	24.5	82.6	5 200*	44.0	97.8	5 400	68.0
72.0				12.8	70.2	5 000*	38.6	93.1	4 900	72.0
76.0							32.3	87.3	4 500	76.0
80.0							24.6	79.7	4 100	80.0
84.0							13.0	67.3	3 700	84.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

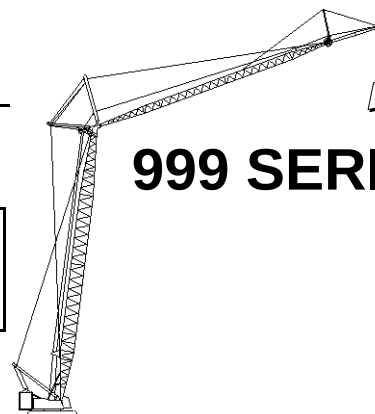
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.6	113.4	8 700*							19.8
20.0	75.4	113.3	8 700*							20.0
22.0	73.3	112.7	8 500*							22.0
24.0	71.3	112.0	8 400*							24.0
26.0	69.2	111.3	8 200*							26.0
28.0	67.0	110.4	8 100*							28.0
30.0	64.8	109.5	8 000*							30.0
32.0	62.6	108.5	7 800*	67.8	110.3	8 300*				32.0
34.0	60.4	107.3	7 400*	65.7	109.4	8 100*				34.0
36.0	58.0	106.1	7 100*	63.5	108.4	8 000*				36.0
38.0	55.7	104.7	6 800*	61.2	107.4	7 700*				38.0
40.0	53.2	103.3	6 500*	58.9	106.2	7 300*				40.0
42.0	50.7	101.6	6 200*	56.6	104.8	7 000*				42.0
44.0	48.0	99.9	6 000*	54.2	103.4	6 700*				44.0
46.0	45.3	97.9	5 800*	51.7	101.8	6 400*				46.0
48.0	42.4	95.8	5 600*	49.1	100.1	6 200*				48.0
50.0	39.3	93.4	5 400*	46.4	98.2	6 000*				50.0
52.0	36.0	90.7	5 200*	43.5	96.2	5 800*				52.0
54.0	32.4	87.6	5 100*	40.5	93.9	5 600*	56.6	101.8	7 000*	54.0
56.0	28.4	84.1	5 000*	37.3	91.3	5 400*	54.2	100.4	6 800*	56.0
58.0	23.8	79.8	4 800*	33.9	88.4	5 300*	51.7	98.8	6 500*	58.0
60.0	18.0	74.3	4 700*	30.0	85.1	5 100*	49.1	97.1	6 300*	60.0
62.0	8.8	65.2	4 700*	25.7	81.1	4 900*	46.4	95.2	6 000*	62.0
64.0				20.4	76.2	4 800*	43.6	93.2	5 800*	64.0
68.0							37.4	88.3	5 400*	68.0
72.0							30.1	82.1	5 100*	72.0
76.0							20.5	73.3	4 900*	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.8	116.1	8 400*							21.3
22.0	74.2	115.9	8 400*							22.0
24.0	72.2	115.3	8 200*							24.0
26.0	70.2	114.6	8 100*							26.0
28.0	68.2	113.8	8 000*							28.0
30.0	66.2	112.9	7 900*							30.0
32.0	64.1	111.9	7 700*	69.0	113.6	8 100*				32.0
34.0	62.0	110.9	7 300*	67.0	112.8	8 000*				34.0
36.0	59.8	109.7	7 000*	64.9	111.9	7 900*				36.0
38.0	57.6	108.4	6 700*	62.8	110.8	7 500*				38.0
40.0	55.3	107.1	6 400*	60.7	109.7	7 200*				40.0
42.0	53.0	105.6	6 200*	58.5	108.5	6 900*				42.0
44.0	50.6	103.9	5 900*	56.2	107.2	6 600*				44.0
46.0	48.1	102.2	5 700*	53.9	105.7	6 400*				46.0
48.0	45.5	100.2	5 500*	51.5	104.1	6 100*				48.0
50.0	42.8	98.1	5 400*	49.1	102.4	5 900*				50.0
52.0	39.9	95.7	5 200*	46.5	100.6	5 700*				52.0
54.0	36.8	93.1	5 000*	43.8	98.5	5 500*				54.0
56.0	33.4	90.2	4 900*	41.0	96.2	5 300*	56.3	104.1	6 600*	56.0
58.0	29.8	86.8	4 800*	38.0	93.7	5 200*	54.0	102.7	6 400*	58.0
60.0	25.6	82.8	4 600*	34.8	90.9	5 000*	51.6	101.1	6 100*	60.0
62.0	20.7	77.9	4 600*	31.2	87.7	4 900*	49.1	99.4	5 900*	62.0
64.0	14.0	71.1	4 400*	27.3	84.0	4 800*	46.6	97.5	5 800*	64.0
68.0				16.9	73.7	4 500*	41.1	93.2	5 400*	68.0
72.0							34.8	87.9	5 000*	72.0
76.0							27.4	81.0	4 800*	76.0
80.0							17.0	70.8	4 500	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

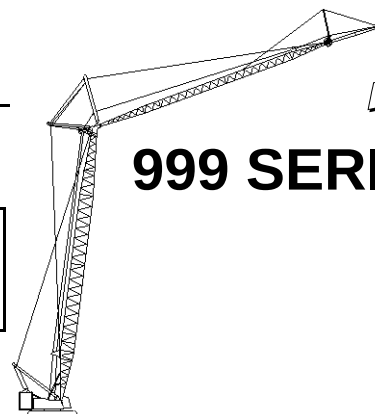
54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.6	119.3	8 300*							21.3
22.0	75.0	119.1	8 200*							22.0
24.0	73.1	118.5	8 100*							24.0
26.0	71.2	117.8	8 000*							26.0
28.0	69.3	117.0	7 800*							28.0
30.0	67.4	116.2	7 700*							30.0
32.0	65.4	115.3	7 500*	70.1	116.9	7 700*				32.0
34.0	63.4	114.3	7 200*	68.1	116.1	7 500*				34.0
36.0	61.4	113.2	6 800*	66.2	115.2	7 400*				36.0
38.0	59.3	112.0	6 600*	64.2	114.3	7 300*				38.0
40.0	57.2	110.8	6 300*	62.2	113.2	7 100*				40.0
42.0	55.1	109.4	6 100*	60.1	112.1	6 800*				42.0
44.0	52.8	107.9	5 900*	58.0	110.8	6 500*				44.0
46.0	50.5	106.2	5 600*	55.9	109.5	6 300*				46.0
48.0	48.1	104.5	5 500*	53.7	108.0	6 000*				48.0
50.0	45.7	102.5	5 300*	51.4	106.4	5 800*				50.0
52.0	43.1	100.4	5 100*	49.1	104.7	5 600*				52.0
54.0	40.3	98.1	5 000*	46.6	102.9	5 400*				54.0
56.0	37.4	95.5	4 800*	44.1	100.8	5 200*				56.0
58.0	34.3	92.7	4 700*	41.4	98.6	5 100*	55.9	106.5	6 200*	58.0
60.0	30.9	89.5	4 600*	38.6	96.1	5 000*	53.7	105.0	6 000*	60.0
62.0	27.2	85.7	4 500*	35.6	93.4	4 800*	51.5	103.4	5 800*	62.0
64.0	22.8	81.2	4 400*	32.3	90.3	4 700*	49.1	101.7	5 600*	64.0
68.0	9.0	66.3	4 200*	24.6	82.6	4 500*	44.1	97.8	5 300*	68.0
72.0				12.9	70.2	4 300*	38.6	93.1	5 000*	72.0
76.0							32.4	87.3	4 700	76.0
80.0							24.7	79.7	4 300	80.0
84.0							13.1	67.4	3 900	84.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	74.9	122.0	7 700*							22.9
24.0	73.9	121.7	7 600*							24.0
26.0	72.1	121.0	7 400*							26.0
28.0	70.3	120.3	7 300*							28.0
30.0	68.5	119.5	7 200*							30.0
32.0	66.6	118.7	7 100*	71.0	120.2	7 200*				32.0
34.0	64.7	117.7	6 900*	69.2	119.4	7 000*				34.0
36.0	62.8	116.7	6 700*	67.3	118.6	6 900*				36.0
38.0	60.9	115.6	6 400*	65.5	117.7	6 800*				38.0
40.0	58.9	114.4	6 200*	63.6	116.7	6 700*				40.0
42.0	56.9	113.1	5 900*	61.6	115.6	6 600*				42.0
44.0	54.8	111.7	5 700*	59.7	114.4	6 400*				44.0
46.0	52.7	110.2	5 500*	57.6	113.2	6 100*				46.0
48.0	50.5	108.5	5 400*	55.6	111.8	5 900*				48.0
50.0	48.2	106.8	5 200*	53.5	110.3	5 700*				50.0
52.0	45.8	104.8	5 000*	51.3	108.7	5 500*				52.0
54.0	43.4	102.8	4 900*	49.1	107.0	5 300*				54.0
56.0	40.8	100.5	4 700*	46.7	105.2	5 200*				56.0
58.0	38.0	98.0	4 600*	44.3	103.1	5 000*	57.7	110.1	5 700*	58.0
60.0	35.1	95.2	4 500*	41.8	100.9	4 900*	55.6	108.8	5 700*	60.0
62.0	32.0	92.1	4 400*	39.1	98.5	4 700*	53.5	107.3	5 700*	62.0
64.0	28.5	88.5	4 300*	36.3	95.8	4 600*	51.4	105.7	5 500*	64.0
68.0	19.9	79.2	4 100*	29.9	89.5	4 400*	46.8	102.2	5 200*	68.0
72.0				21.8	80.9	4 200*	41.8	97.9	4 900	72.0
76.0				7.5	64.6	4 100*	36.3	92.9	4 500	76.0
80.0							30.0	86.5	4 100	80.0
84.0							21.9	78.0	3 700	84.0
88.0							7.8	61.9	3 400	88.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

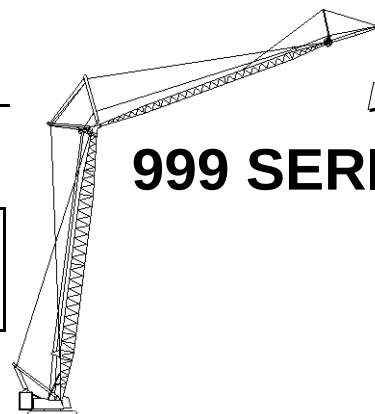
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.6	116.1	7 300*							21.3
22.0	74.0	115.9	7 200*							22.0
24.0	72.0	115.3	7 000*							24.0
26.0	70.1	114.6	6 800*							26.0
28.0	68.0	113.8	6 700*							28.0
30.0	66.0	112.9	6 500*							30.0
32.0	63.9	111.9	6 300*	68.8	113.6	6 600*				32.0
34.0	61.8	110.9	6 100*	66.8	112.8	6 400*				34.0
36.0	59.6	109.7	6 000*	64.7	111.9	6 300*				36.0
38.0	57.4	108.4	5 900*	62.6	110.8	6 100*				38.0
40.0	55.2	107.1	5 700*	60.5	109.7	6 000*				40.0
42.0	52.8	105.6	5 600*	58.3	108.5	5 900*				42.0
44.0	50.4	104.0	5 400*	56.0	107.2	5 700*				44.0
46.0	47.9	102.2	5 200*	53.7	105.7	5 600*				46.0
48.0	45.3	100.2	5 000*	51.3	104.2	5 500*				48.0
50.0	42.6	98.1	4 800*	48.9	102.4	5 300*				50.0
52.0	39.7	95.8	4 700*	46.3	100.6	5 100*				52.0
54.0	36.6	93.1	4 500*	43.6	98.5	5 000*				54.0
56.0	33.3	90.2	4 400*	40.8	96.3	4 800*	56.1	104.2	5 400*	56.0
58.0	29.6	86.8	4 300*	37.8	93.7	4 600*	53.8	102.7	5 300*	58.0
60.0	25.4	82.9	4 100*	34.6	90.9	4 500*	51.4	101.1	5 200*	60.0
62.0	20.5	78.0	4 000*	31.1	87.7	4 400*	48.9	99.4	5 200*	62.0
64.0	13.9	71.2	3 900*	27.1	84.0	4 200*	46.4	97.6	5 100*	64.0
68.0				16.7	73.7	4 000*	40.9	93.3	4 900*	68.0
72.0							34.7	87.9	4 600*	72.0
76.0							27.2	81.1	4 300*	76.0
80.0							16.9	70.8	4 100*	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.4	119.3	7 000*							21.3
22.0	74.8	119.1	7 000*							22.0
24.0	72.9	118.5	6 800*							24.0
26.0	71.0	117.8	6 600*							26.0
28.0	69.1	117.1	6 500*							28.0
30.0	67.2	116.2	6 300*							30.0
32.0	65.2	115.3	6 100*	69.9	116.9	6 400*				32.0
34.0	63.3	114.3	6 000*	67.9	116.1	6 300*				34.0
36.0	61.2	113.2	5 800*	66.0	115.2	6 100*				36.0
38.0	59.2	112.1	5 700*	64.0	114.3	6 000*				38.0
40.0	57.0	110.8	5 600*	62.0	113.2	5 800*				40.0
42.0	54.9	109.4	5 400*	60.0	112.1	5 700*				42.0
44.0	52.6	107.9	5 300*	57.9	110.8	5 600*				44.0
46.0	50.3	106.3	5 100*	55.7	109.5	5 500*				46.0
48.0	48.0	104.5	4 900*	53.5	108.0	5 300*				48.0
50.0	45.5	102.6	4 800*	51.2	106.5	5 300*				50.0
52.0	42.9	100.4	4 600*	48.9	104.7	5 100*				52.0
54.0	40.2	98.1	4 400*	46.4	102.9	4 900*				54.0
56.0	37.3	95.6	4 300*	43.9	100.8	4 700*				56.0
58.0	34.2	92.7	4 200*	41.2	98.6	4 600*	55.8	106.5	5 100*	58.0
60.0	30.8	89.5	4 100*	38.4	96.1	4 400*	53.6	105.0	5 100*	60.0
62.0	27.0	85.8	4 000*	35.4	93.4	4 300*	51.3	103.4	5 000*	62.0
64.0	22.6	81.3	3 900*	32.1	90.3	4 200*	48.9	101.7	5 000*	64.0
68.0	8.9	66.4	3 700*	24.4	82.7	4 000*	44.0	97.8	4 800*	68.0
72.0				12.8	70.3	3 800*	38.5	93.2	4 500*	72.0
76.0							32.2	87.4	4 200*	76.0
80.0							24.5	79.7	4 000*	80.0
84.0							13.0	67.4	3 800*	84.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

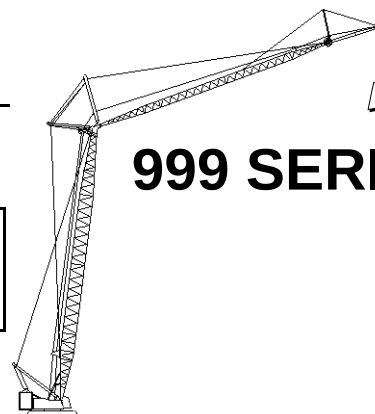
54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	74.7	122.0	6 600*							22.9
24.0	73.7	121.7	6 500*							24.0
26.0	71.9	121.0	6 300*							26.0
28.0	70.1	120.3	6 200*							28.0
30.0	68.3	119.5	6 100*							30.0
32.0	66.4	118.7	5 900*	70.8	120.2	6 200*				32.0
34.0	64.6	117.7	5 800*	69.0	119.4	6 000*				34.0
36.0	62.7	116.7	5 700*	67.2	118.6	5 900*				36.0
38.0	60.7	115.6	5 500*	65.3	117.7	5 800*				38.0
40.0	58.7	114.4	5 400*	63.4	116.7	5 600*				40.0
42.0	56.7	113.1	5 300*	61.5	115.6	5 500*				42.0
44.0	54.6	111.7	5 200*	59.5	114.4	5 400*				44.0
46.0	52.5	110.2	5 100*	57.5	113.2	5 300*				46.0
48.0	50.3	108.6	4 900*	55.4	111.8	5 200*				48.0
50.0	48.0	106.8	4 700*	53.3	110.4	5 100*				50.0
52.0	45.6	104.9	4 600*	51.1	108.8	5 000*				52.0
54.0	43.2	102.8	4 400*	48.9	107.0	4 800*				54.0
56.0	40.6	100.5	4 300*	46.6	105.2	4 700*				56.0
58.0	37.9	98.0	4 200*	44.1	103.2	4 500*	57.5	110.2	4 900*	58.0
60.0	35.0	95.2	4 000*	41.6	101.0	4 400*	55.5	108.8	4 900*	60.0
62.0	31.8	92.1	3 900*	38.9	98.5	4 200*	53.4	107.3	4 800*	62.0
64.0	28.3	88.5	3 800*	36.1	95.9	4 100*	51.2	105.7	4 800*	64.0
68.0	19.8	79.3	3 600*	29.7	89.5	3 900*	46.6	102.2	4 700*	68.0
72.0				21.7	81.0	3 700*	41.7	98.0	4 400*	72.0
76.0				7.4	64.8	3 600*	36.2	92.9	4 200*	76.0
80.0							29.8	86.5	3 900*	80.0
84.0							21.8	78.0	3 800*	84.0
88.0							7.7	62.1	3 600	88.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

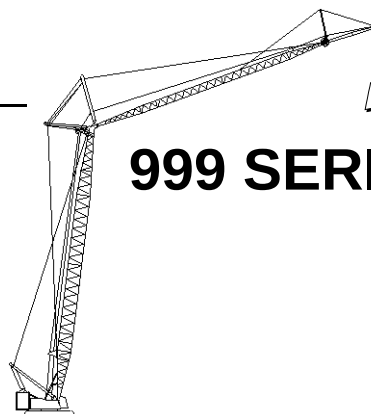
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.4	125.2	6 300*							22.9
24.0	74.4	124.9	6 200*							24.0
26.0	72.7	124.3	6 100*							26.0
28.0	71.0	123.6	5 900*							28.0
30.0	69.3	122.8	5 800*							30.0
32.0	67.5	122.0	5 700*							32.0
34.0	65.7	121.1	5 600*	70.0	122.7	5 700*				34.0
36.0	63.9	120.1	5 400*	68.2	121.9	5 600*				36.0
38.0	62.1	119.1	5 300*	66.4	121.0	5 500*				38.0
40.0	60.2	118.0	5 200*	64.6	120.1	5 400*				40.0
42.0	58.3	116.7	5 100*	62.8	119.1	5 300*				42.0
44.0	56.4	115.4	5 000*	60.9	118.0	5 200*				44.0
46.0	54.4	114.0	4 900*	59.1	116.8	5 100*				46.0
48.0	52.3	112.5	4 800*	57.1	115.5	5 000*				48.0
50.0	50.2	110.9	4 600*	55.1	114.1	4 900*				50.0
52.0	48.1	109.1	4 500*	53.1	112.7	4 800*				52.0
54.0	45.8	107.2	4 300*	51.0	111.1	4 800*				54.0
56.0	43.5	105.1	4 200*	48.9	109.3	4 600*				56.0
58.0	41.0	102.8	4 100*	46.7	107.5	4 400*				58.0
60.0	38.4	100.4	4 000*	44.4	105.5	4 300*	57.2	112.5	4 600*	60.0
62.0	35.7	97.7	3 900*	42.0	103.3	4 100*	55.2	111.1	4 600*	62.0
64.0	32.7	94.7	3 800*	39.4	100.9	4 000*	53.2	109.6	4 500*	64.0
68.0	25.9	87.3	3 600*	33.9	95.4	3 800*	48.9	106.3	4 500*	68.0
72.0	16.7	76.7	3 400*	27.4	88.5	3 700*	44.4	102.5	4 300*	72.0
76.0				18.8	78.8	3 500*	39.5	97.9	4 100*	76.0
80.0							33.9	92.4	3 900*	80.0
84.0							27.4	85.5	3 700	84.0
88.0							18.9	75.9	3 400	88.0



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

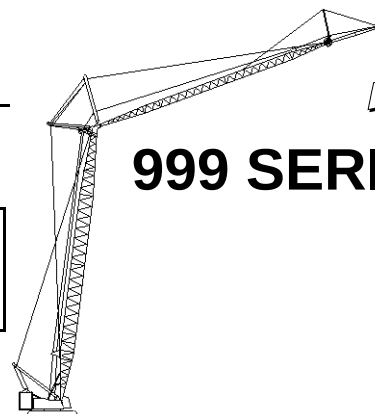
57.9m (190 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
18.3	75.2	110.6	12 200*							18.3
20.0	73.2	110.1	12 000*							20.0
22.0	70.9	109.4	11 900*							22.0
24.0	68.5	108.6	11 700*							24.0
26.0	66.1	107.8	11 600*							26.0
28.0	63.7	106.8	11 400*	69.8	108.6	11 900*				28.0
30.0	61.2	105.7	11 000*	67.4	107.8	11 800*				30.0
32.0	58.7	104.5	10 500*	65.0	106.9	11 700*				32.0
34.0	56.0	103.2	10 000*	62.5	105.8	11 500*				34.0
36.0	53.3	101.8	9 600*	60.0	104.7	10 900*				36.0
38.0	50.5	100.2	9 200*	57.4	103.5	10 500*				38.0
40.0	47.6	98.4	8 900*	54.7	102.1	10 000*				40.0
42.0	44.5	96.5	8 600*	52.0	100.6	9 600*				42.0
44.0	41.2	94.3	8 300*	49.1	98.9	9 200*				44.0
46.0	37.7	91.8	8 000*	46.1	97.0	8 900*				46.0
48.0	33.9	88.9	7 800*	42.9	95.0	8 600*				48.0
50.0	29.6	85.6	7 400*	39.5	92.6	8 300*				50.0
52.0	24.7	81.6	6 900*	35.9	90.0	8 000*	55.7	99.4	8 400	52.0
54.0	18.6	76.5	6 600*	31.9	87.0	7 800*	53.0	97.9	8 000	54.0
56.0	9.0	68.0	6 300*	27.4	83.4	7 600*	50.1	96.3	7 600	56.0
58.0				22.0	78.9	7 400*	47.2	94.5	7 200	58.0
60.0				14.8	72.7	7 200*	44.1	92.5	6 900	60.0
62.0							40.8	90.3	6 600	62.0
64.0							37.2	87.8	6 300	64.0
68.0							29.1	81.5	5 700	68.0
72.0							17.7	72.0	5 300	72.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

57.9m (190 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
18.3	76.0	113.7	11 900*							18.3
20.0	74.2	113.2	11 800*							20.0
22.0	72.0	112.6	11 700*							22.0
24.0	69.8	111.9	11 500*							24.0
26.0	67.5	111.1	11 400*							26.0
28.0	65.3	110.2	11 200*							28.0
30.0	62.9	109.2	10 800*	68.7	111.1	11 500*				30.0
32.0	60.6	108.1	10 300*	66.4	110.2	11 400*				32.0
34.0	58.1	106.9	9 800*	64.1	109.3	11 200*				34.0
36.0	55.7	105.6	9 500*	61.8	108.2	10 700*				36.0
38.0	53.1	104.1	9 100*	59.4	107.1	10 200*				38.0
40.0	50.4	102.5	8 800*	56.9	105.8	9 800*				40.0
42.0	47.6	100.7	8 400*	54.4	104.4	9 400*				42.0
44.0	44.7	98.8	8 200*	51.8	102.9	9 100*				44.0
46.0	41.7	96.6	7 900*	49.1	101.2	8 700*				46.0
48.0	38.4	94.2	7 600*	46.3	99.3	8 500*				48.0
50.0	34.9	91.4	7 200*	43.3	97.3	8 200*				50.0
52.0	31.0	88.3	6 900*	40.1	95.0	7 900*				52.0
54.0	26.6	84.6	6 500*	36.7	92.4	7 700*	55.3	101.7	7 900	54.0
56.0	21.4	80.0	6 200*	33.0	89.5	7 500*	52.7	100.2	7 500	56.0
58.0	14.4	73.6	5 900*	29.0	86.1	7 300*	50.1	98.6	7 100	58.0
60.0				24.2	82.0	7 100*	47.3	96.8	6 800	60.0
62.0				18.4	76.7	7 000*	44.4	94.8	6 500	62.0
64.0				9.3	68.3	6 800*	41.3	92.6	6 200	64.0
68.0							34.4	87.4	5 600	68.0
72.0							26.0	80.4	5 100	72.0
76.0							13.3	68.8	4 700	76.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

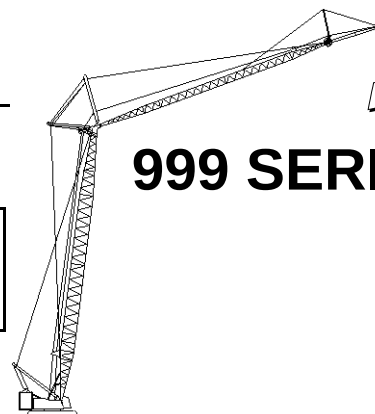
57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.2	116.5	11 300*							19.8
20.0	75.0	116.4	11 300*							20.0
22.0	73.0	115.8	11 100*							22.0
24.0	70.9	115.1	11 000*							24.0
26.0	68.8	114.4	10 800*							26.0
28.0	66.6	113.5	10 700*							28.0
30.0	64.5	112.6	10 500*	69.9	114.3	10 400*				30.0
32.0	62.3	111.6	10 100*	67.8	113.5	10 400*				32.0
34.0	60.0	110.5	9 700*	65.6	112.6	10 300*				34.0
36.0	57.7	109.2	9 300*	63.4	111.7	10 200*				36.0
38.0	55.3	107.9	8 900*	61.2	110.6	10 000*				38.0
40.0	52.9	106.4	8 600*	58.9	109.4	9 600*				40.0
42.0	50.3	104.8	8 400*	56.5	108.1	9 300*				42.0
44.0	47.7	103.0	8 000*	54.1	106.7	8 900*				44.0
46.0	45.0	101.1	7 700*	51.7	105.2	8 600*				46.0
48.0	42.1	98.9	7 300*	49.1	103.5	8 300*				48.0
50.0	39.0	96.6	7 000*	46.4	101.7	8 100*				50.0
52.0	35.7	93.9	6 600*	43.6	99.6	7 800*				52.0
54.0	32.2	90.9	6 300*	40.6	97.4	7 600*				54.0
56.0	28.2	87.4	6 000*	37.5	94.9	7 400*	55.0	104.0	7 200	56.0
58.0	23.6	83.1	5 700*	34.1	92.0	7 200*	52.6	102.5	6 800	58.0
60.0	17.9	77.7	5 500*	30.3	88.8	7 000*	50.0	100.9	6 500	60.0
62.0	9.2	69.1	5 300*	26.1	85.0	6 900*	47.4	99.1	6 100	62.0
64.0				21.0	80.3	6 800*	44.6	97.2	5 800	64.0
68.0							38.6	92.6	5 300	68.0
72.0							31.7	86.8	4 800	72.0
76.0							22.9	78.9	4 400	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	76.0	119.6	10 100*							19.8
20.0	75.8	119.6	10 100*							20.0
22.0	73.8	119.0	10 000*							22.0
24.0	71.9	118.4	9 800*							24.0
26.0	69.9	117.7	9 700*							26.0
28.0	67.9	116.9	9 500*							28.0
30.0	65.8	116.0	9 400*							30.0
32.0	63.8	115.0	9 200*	68.9	116.8	9 200*				32.0
34.0	61.6	114.0	9 100*	66.9	116.0	9 100*				34.0
36.0	59.5	112.8	8 900*	64.8	115.1	9 000*				36.0
38.0	57.3	111.6	8 500*	62.7	114.1	8 900*				38.0
40.0	55.0	110.2	8 200*	60.6	113.0	8 900*				40.0
42.0	52.7	108.7	7 900*	58.4	111.8	8 800*				42.0
44.0	50.3	107.1	7 600*	56.2	110.5	8 700*				44.0
46.0	47.8	105.3	7 300*	53.9	109.0	8 400*				46.0
48.0	45.2	103.4	7 000*	51.5	107.5	8 200*				48.0
50.0	42.4	101.3	6 700*	49.1	105.8	7 900*				50.0
52.0	39.6	98.9	6 400*	46.5	104.0	7 700*				52.0
54.0	36.5	96.3	6 100*	43.9	101.9	7 500*				54.0
56.0	33.2	93.4	5 900*	41.1	99.7	7 300*				56.0
58.0	29.5	90.1	5 600*	38.1	97.3	7 100*	54.7	106.3	6 600	58.0
60.0	25.4	86.1	5 300*	34.9	94.5	6 900*	52.4	104.8	6 200	60.0
62.0	20.5	81.3	5 100*	31.5	91.4	6 800*	50.0	103.2	5 900	62.0
64.0	14.1	74.7	4 900*	27.6	87.8	6 600*	47.5	101.4	5 600	64.0
68.0				17.7	78.0	6 400*	42.1	97.3	5 000	68.0
72.0							36.1	92.3	4 600	72.0
76.0							29.0	85.9	4 100	76.0
80.0							19.8	76.9	3 800	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

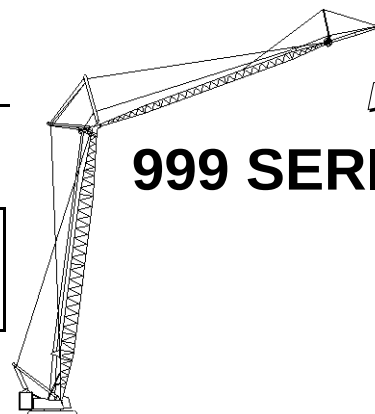
57.9m (190 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	74.8	113.3	10 100*							19.8
20.0	74.6	113.2	10 100*							20.0
22.0	72.4	112.6	9 900*							22.0
24.0	70.2	111.9	9 800*							24.0
26.0	68.0	111.1	9 600*							26.0
28.0	65.7	110.2	9 500*							28.0
30.0	63.4	109.2	9 300*	69.1	111.0	9 800*				30.0
32.0	61.0	108.1	8 800*	66.9	110.2	9 700*				32.0
34.0	58.6	106.9	8 400*	64.6	109.3	9 600*				34.0
36.0	56.1	105.5	8 100*	62.2	108.2	9 200*				36.0
38.0	53.5	104.1	7 800*	59.8	107.1	8 800*				38.0
40.0	50.8	102.5	7 500*	57.4	105.8	8 400*				40.0
42.0	48.0	100.7	7 200*	54.8	104.4	8 100*				42.0
44.0	45.1	98.7	6 900*	52.2	102.9	7 700*				44.0
46.0	42.1	96.6	6 700*	49.5	101.2	7 400*				46.0
48.0	38.8	94.1	6 500*	46.7	99.3	7 200*				48.0
50.0	35.3	91.4	6 300*	43.7	97.3	6 900*				50.0
52.0	31.4	88.3	6 100*	40.5	95.0	6 700*				52.0
54.0	27.0	84.5	5 900*	37.1	92.4	6 500*	55.7	101.7	8 000	54.0
56.0	21.8	79.9	5 800*	33.4	89.5	6 300*	53.2	100.2	7 600	56.0
58.0	14.8	73.5	5 700*	29.3	86.1	6 100*	50.5	98.6	7 200	58.0
60.0				24.6	82.0	5 900*	47.7	96.8	6 900	60.0
62.0				18.7	76.7	5 800*	44.8	94.8	6 600	62.0
64.0				9.6	68.2	5 700*	41.7	92.6	6 300	64.0
68.0							34.8	87.4	5 700	68.0
72.0							26.4	80.3	5 300	72.0
76.0							13.6	68.8	4 800	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

57.9m (190 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.6	116.4	9 900*							19.8
20.0	75.4	116.4	9 900*							20.0
22.0	73.4	115.8	9 700*							22.0
24.0	71.3	115.1	9 600*							24.0
26.0	69.2	114.4	9 500*							26.0
28.0	67.0	113.5	9 400*							28.0
30.0	64.9	112.6	9 100*							30.0
32.0	62.7	111.6	8 700*	68.1	113.5	9 500*				32.0
34.0	60.4	110.4	8 300*	66.0	112.6	9 400*				34.0
36.0	58.1	109.2	7 900*	63.8	111.7	9 100*				36.0
38.0	55.7	107.9	7 600*	61.6	110.6	8 600*				38.0
40.0	53.3	106.4	7 300*	59.3	109.4	8 300*				40.0
42.0	50.7	104.8	7 100*	56.9	108.1	7 900*				42.0
44.0	48.1	103.0	6 800*	54.5	106.7	7 600*				44.0
46.0	45.3	101.1	6 600*	52.0	105.2	7 300*				46.0
48.0	42.5	98.9	6 400*	49.5	103.5	7 100*				48.0
50.0	39.4	96.5	6 200*	46.8	101.6	6 800*				50.0
52.0	36.1	93.9	6 000*	44.0	99.6	6 600*				52.0
54.0	32.5	90.8	5 800*	41.0	97.3	6 400*				54.0
56.0	28.6	87.3	5 700*	37.8	94.8	6 200*	55.4	104.0	7 500	56.0
58.0	24.0	83.1	5 600*	34.4	92.0	6 000*	52.9	102.5	7 100	58.0
60.0	18.3	77.7	5 300*	30.7	88.8	5 900*	50.4	100.9	6 700	60.0
62.0	9.5	69.0	5 100*	26.4	84.9	5 700*	47.8	99.1	6 400	62.0
64.0				21.4	80.2	5 600*	45.0	97.1	6 100	64.0
68.0							39.0	92.5	5 600	68.0
72.0							32.1	86.8	5 100	72.0
76.0							23.3	78.8	4 700	76.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

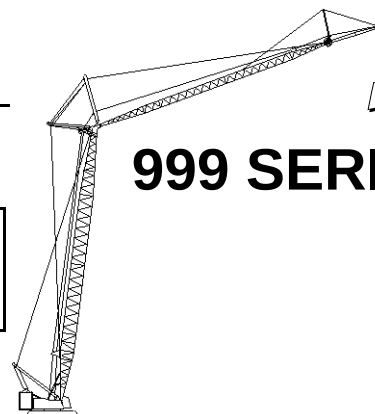
57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.9	119.2	9 600*							21.3
22.0	74.2	119.0	9 500*							22.0
24.0	72.2	118.3	9 400*							24.0
26.0	70.3	117.6	9 300*							26.0
28.0	68.2	116.8	9 200*							28.0
30.0	66.2	116.0	8 900*							30.0
32.0	64.1	115.0	8 500*	69.3	116.8	9 100*				32.0
34.0	62.0	114.0	8 100*	67.3	116.0	9 000*				34.0
36.0	59.9	112.8	7 800*	65.2	115.1	8 800*				36.0
38.0	57.6	111.5	7 500*	63.1	114.1	8 500*				38.0
40.0	55.4	110.2	7 200*	61.0	113.0	8 100*				40.0
42.0	53.0	108.7	7 000*	58.8	111.8	7 800*				42.0
44.0	50.6	107.1	6 700*	56.6	110.4	7 500*				44.0
46.0	48.1	105.3	6 500*	54.3	109.0	7 200*				46.0
48.0	45.5	103.4	6 300*	51.9	107.5	6 900*				48.0
50.0	42.8	101.3	6 100*	49.4	105.8	6 700*				50.0
52.0	39.9	98.9	6 000*	46.9	103.9	6 500*				52.0
54.0	36.9	96.3	5 800*	44.2	101.9	6 300*				54.0
56.0	33.5	93.4	5 600*	41.4	99.7	6 100*				56.0
58.0	29.9	90.0	5 500*	38.5	97.2	5 900*	55.1	106.3	6 800	58.0
60.0	25.8	86.1	5 200*	35.3	94.5	5 800*	52.7	104.8	6 400	60.0
62.0	20.9	81.3	5 000*	31.8	91.4	5 600*	50.3	103.2	6 100	62.0
64.0	14.4	74.6	4 800*	28.0	87.8	5 500*	47.8	101.4	5 800	64.0
68.0				18.0	77.9	5 300*	42.5	97.3	5 300	68.0
72.0							36.4	92.3	4 800	72.0
76.0							29.4	85.9	4 400	76.0
80.0							20.2	76.9	4 000	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.6	122.3	8 900*							21.3
22.0	75.0	122.2	8 900*							22.0
24.0	73.1	121.6	8 700*							24.0
26.0	71.2	120.9	8 600*							26.0
28.0	69.3	120.1	8 500*							28.0
30.0	67.4	119.3	8 300*							30.0
32.0	65.4	118.4	8 300*	70.3	120.1	8 200*				32.0
34.0	63.5	117.4	8 000*	68.4	119.3	8 100*				34.0
36.0	61.4	116.3	7 600*	66.5	118.4	8 000*				36.0
38.0	59.4	115.2	7 400*	64.5	117.5	7 900*				38.0
40.0	57.3	113.9	7 100*	62.5	116.4	7 900*				40.0
42.0	55.1	112.5	6 800*	60.4	115.3	7 600*				42.0
44.0	52.9	111.0	6 600*	58.3	114.1	7 300*				44.0
46.0	50.6	109.4	6 400*	56.2	112.8	7 000*				46.0
48.0	48.2	107.6	6 200*	54.0	111.3	6 800*				48.0
50.0	45.7	105.7	6 000*	51.8	109.8	6 600*				50.0
52.0	43.1	103.6	5 800*	49.4	108.1	6 400*				52.0
54.0	40.4	101.3	5 700*	47.0	106.2	6 200*				54.0
56.0	37.5	98.7	5 500*	44.5	104.2	6 000*				56.0
58.0	34.4	95.9	5 300*	41.8	102.0	5 800*	57.0	110.0	6 500	58.0
60.0	31.0	92.7	5 100*	39.0	99.6	5 700*	54.8	108.6	6 200	60.0
62.0	27.3	89.0	4 900*	36.0	96.9	5 600*	52.6	107.1	5 900	62.0
64.0	23.0	84.6	4 700*	32.8	93.9	5 400*	50.3	105.5	5 600	64.0
68.0	9.5	70.1	4 300*	25.3	86.5	5 200*	45.4	101.8	5 000	68.0
72.0				14.3	74.9	5 000*	40.0	97.3	4 600	72.0
76.0							34.0	91.8	4 100	76.0
80.0							26.8	84.8	3 800	80.0
84.0							16.8	74.4	3 400	84.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

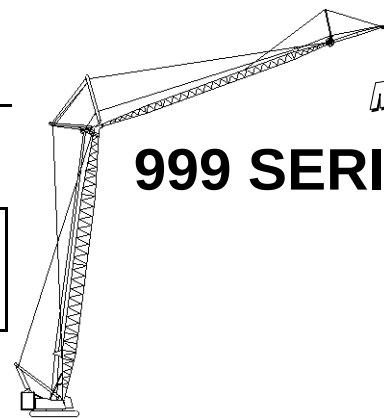
57.9m (190 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.7	116.4	8 700*							19.8
20.0	75.5	116.4	8 600*							20.0
22.0	73.5	115.8	8 500*							22.0
24.0	71.4	115.1	8 300*							24.0
26.0	69.3	114.4	8 200*							26.0
28.0	67.1	113.5	8 100*							28.0
30.0	65.0	112.6	7 900*							30.0
32.0	62.7	111.6	7 800*	68.2	113.5	8 200*				32.0
34.0	60.5	110.4	7 400*	66.1	112.6	8 100*				34.0
36.0	58.2	109.2	7 100*	63.9	111.7	8 000*				36.0
38.0	55.8	107.9	6 800*	61.7	110.6	7 800*				38.0
40.0	53.4	106.4	6 500*	59.4	109.4	7 400*				40.0
42.0	50.8	104.8	6 300*	57.0	108.1	7 100*				42.0
44.0	48.2	103.0	6 100*	54.6	106.7	6 800*				44.0
46.0	45.4	101.1	5 800*	52.1	105.2	6 500*				46.0
48.0	42.6	98.9	5 600*	49.6	103.5	6 300*				48.0
50.0	39.5	96.5	5 500*	46.9	101.6	6 000*				50.0
52.0	36.2	93.9	5 300*	44.1	99.6	5 800*				52.0
54.0	32.6	90.8	5 100*	41.1	97.3	5 600*				54.0
56.0	28.7	87.3	5 000*	37.9	94.8	5 400*	55.5	104.0	6 900*	56.0
58.0	24.1	83.1	4 800*	34.5	92.0	5 300*	53.0	102.5	6 700*	58.0
60.0	18.4	77.7	4 700*	30.8	88.8	5 100*	50.5	100.9	6 400*	60.0
62.0	9.6	69.0	4 700*	26.5	84.9	5 000*	47.8	99.1	6 200*	62.0
64.0				21.5	80.2	4 800*	45.1	97.1	5 900*	64.0
68.0							39.1	92.5	5 600*	68.0
72.0							32.2	86.8	5 200	72.0
76.0							23.4	78.8	4 800	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

57.9m (190 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.9	119.2	8 400*							21.3
22.0	74.3	119.0	8 300*							22.0
24.0	72.3	118.4	8 200*							24.0
26.0	70.4	117.6	8 100*							26.0
28.0	68.3	116.8	7 900*							28.0
30.0	66.3	116.0	7 800*							30.0
32.0	64.2	115.0	7 700*	69.4	116.8	8 100*				32.0
34.0	62.1	114.0	7 300*	67.4	116.0	8 000*				34.0
36.0	59.9	112.8	7 000*	65.3	115.1	7 800*				36.0
38.0	57.7	111.6	6 700*	63.2	114.1	7 600*				38.0
40.0	55.5	110.2	6 400*	61.1	113.0	7 300*				40.0
42.0	53.1	108.7	6 100*	58.9	111.8	6 900*				42.0
44.0	50.7	107.1	6 000*	56.6	110.4	6 600*				44.0
46.0	48.2	105.3	5 700*	54.3	109.0	6 400*				46.0
48.0	45.6	103.4	5 600*	52.0	107.5	6 200*				48.0
50.0	42.9	101.3	5 400*	49.5	105.8	5 900*				50.0
52.0	40.0	98.9	5 200*	47.0	103.9	5 700*				52.0
54.0	37.0	96.3	5 000*	44.3	101.9	5 500*				54.0
56.0	33.6	93.4	4 900*	41.5	99.7	5 300*				56.0
58.0	30.0	90.0	4 800*	38.6	97.2	5 200*	55.2	106.3	6 500*	58.0
60.0	25.9	86.1	4 700*	35.4	94.5	5 000*	52.8	104.8	6 300*	60.0
62.0	21.0	81.3	4 600*	31.9	91.4	4 900*	50.4	103.2	6 100*	62.0
64.0	14.5	74.6	4 500*	28.1	87.8	4 800*	47.9	101.4	5 800*	64.0
68.0				18.1	77.9	4 600*	42.5	97.3	5 500*	68.0
72.0							36.5	92.3	5 100	72.0
76.0							29.5	85.9	4 600	76.0
80.0							20.3	76.9	4 300	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

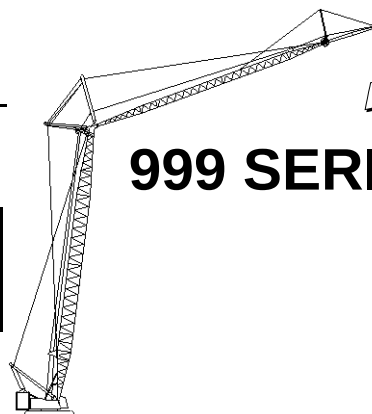
57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.7	122.3	8 200*							21.3
22.0	75.1	122.2	8 200*							22.0
24.0	73.2	121.6	8 000*							24.0
26.0	71.3	120.9	7 900*							26.0
28.0	69.4	120.1	7 700*							28.0
30.0	67.5	119.3	7 600*							30.0
32.0	65.5	118.4	7 400*	70.4	120.1	7 600*				32.0
34.0	63.5	117.4	7 200*	68.5	119.3	7 500*				34.0
36.0	61.5	116.3	6 900*	66.5	118.4	7 400*				36.0
38.0	59.5	115.2	6 600*	64.6	117.5	7 300*				38.0
40.0	57.3	113.9	6 300*	62.6	116.4	7 100*				40.0
42.0	55.2	112.5	6 100*	60.5	115.3	6 800*				42.0
44.0	52.9	111.0	5 900*	58.4	114.1	6 500*				44.0
46.0	50.6	109.4	5 600*	56.3	112.8	6 300*				46.0
48.0	48.3	107.6	5 500*	54.1	111.3	6 100*				48.0
50.0	45.8	105.7	5 300*	51.8	109.8	5 800*				50.0
52.0	43.2	103.6	5 200*	49.5	108.1	5 600*				52.0
54.0	40.5	101.3	5 000*	47.1	106.2	5 500*				54.0
56.0	37.6	98.7	4 800*	44.6	104.2	5 300*				56.0
58.0	34.5	95.9	4 700*	41.9	102.0	5 100*	57.1	110.0	6 100*	58.0
60.0	31.1	92.7	4 600*	39.1	99.6	5 000*	54.9	108.6	6 100*	60.0
62.0	27.4	89.0	4 500*	36.1	96.9	4 800*	52.7	107.1	5 900*	62.0
64.0	23.1	84.6	4 400*	32.9	93.9	4 700*	50.3	105.5	5 800*	64.0
68.0	9.6	70.1	4 200*	25.4	86.5	4 500*	45.5	101.8	5 300	68.0
72.0				14.4	74.9	4 300*	40.1	97.3	4 800	72.0
76.0							34.1	91.8	4 400	76.0
80.0							26.9	84.8	4 000	80.0
84.0							16.9	74.4	3 700	84.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.0	125.1	7 600*							22.9
24.0	74.0	124.7	7 500*							24.0
26.0	72.2	124.1	7 300*							26.0
28.0	70.4	123.4	7 200*							28.0
30.0	68.6	122.6	7 100*							30.0
32.0	66.7	121.8	7 000*							32.0
34.0	64.8	120.8	6 900*	69.5	122.6	7 000*				34.0
36.0	62.9	119.8	6 700*	67.7	121.8	6 900*				36.0
38.0	61.0	118.7	6 400*	65.8	120.9	6 800*				38.0
40.0	59.0	117.5	6 200*	63.9	119.9	6 700*				40.0
42.0	57.0	116.2	6 000*	62.0	118.8	6 600*				42.0
44.0	54.9	114.8	5 700*	60.0	117.7	6 400*				44.0
46.0	52.8	113.3	5 500*	58.0	116.4	6 200*				46.0
48.0	50.6	111.7	5 400*	56.0	115.1	5 900*				48.0
50.0	48.3	109.9	5 200*	53.9	113.6	5 700*				50.0
52.0	45.9	108.0	5 000*	51.7	112.1	5 500*				52.0
54.0	43.5	105.9	4 900*	49.5	110.4	5 300*				54.0
56.0	40.9	103.6	4 800*	47.2	108.5	5 200*				56.0
58.0	38.2	101.1	4 600*	44.8	106.6	5 000*				58.0
60.0	35.3	98.4	4 500*	42.3	104.4	4 900*	56.7	112.4	5 600*	60.0
62.0	32.2	95.3	4 400*	39.6	102.0	4 700*	54.6	111.0	5 600*	62.0
64.0	28.7	91.8	4 300*	36.8	99.4	4 600*	52.5	109.4	5 600	64.0
68.0	20.2	82.6	4 100*	30.5	93.2	4 400*	48.0	106.0	5 000	68.0
72.0				22.7	84.9	4 200*	43.2	102.0	4 500	72.0
76.0				9.8	70.4	4 100*	37.8	97.1	4 100	76.0
80.0							31.7	91.2	3 700	80.0
84.0							24.3	83.4	3 400	84.0
88.0							13.1	71.0	3 100	88.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

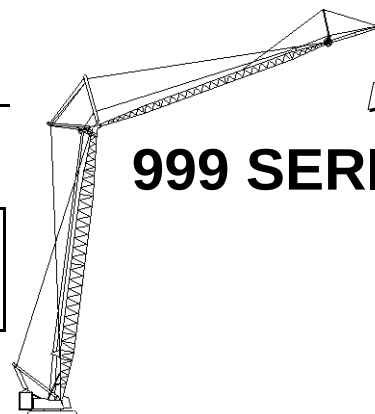
57.9m (190 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.8	119.2	7 300*							21.3
22.0	74.1	119.0	7 200*							22.0
24.0	72.1	118.4	7 000*							24.0
26.0	70.2	117.7	6 800*							26.0
28.0	68.1	116.9	6 600*							28.0
30.0	66.1	116.0	6 400*							30.0
32.0	64.0	115.0	6 300*	69.2	116.8	6 600*				32.0
34.0	61.9	114.0	6 100*	67.2	116.0	6 400*				34.0
36.0	59.8	112.8	5 900*	65.1	115.1	6 300*				36.0
38.0	57.5	111.6	5 800*	63.0	114.1	6 100*				38.0
40.0	55.3	110.2	5 700*	60.9	113.0	6 000*				40.0
42.0	52.9	108.7	5 600*	58.7	111.8	5 800*				42.0
44.0	50.5	107.1	5 400*	56.5	110.5	5 700*				44.0
46.0	48.0	105.3	5 200*	54.2	109.0	5 600*				46.0
48.0	45.4	103.4	5 000*	51.8	107.5	5 500*				48.0
50.0	42.7	101.3	4 800*	49.3	105.8	5 400*				50.0
52.0	39.8	98.9	4 700*	46.8	104.0	5 200*				52.0
54.0	36.8	96.3	4 500*	44.1	101.9	5 000*				54.0
56.0	33.5	93.4	4 400*	41.3	99.7	4 800*				56.0
58.0	29.8	90.1	4 300*	38.4	97.3	4 700*	55.0	106.3	5 300*	58.0
60.0	25.7	86.1	4 100*	35.2	94.5	4 500*	52.6	104.8	5 200*	60.0
62.0	20.8	81.3	4 000*	31.7	91.4	4 400*	50.2	103.2	5 200*	62.0
64.0	14.3	74.7	3 900*	27.9	87.8	4 300*	47.7	101.4	5 100*	64.0
68.0				18.0	78.0	4 000*	42.4	97.3	5 000*	68.0
72.0							36.4	92.3	4 600*	72.0
76.0							29.3	85.9	4 400*	76.0
80.0							20.1	76.9	4 100*	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

57.9m (190 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.5	122.4	6 900*							21.3
22.0	74.9	122.2	6 900*							22.0
24.0	73.0	121.6	6 700*							24.0
26.0	71.1	120.9	6 600*							26.0
28.0	69.2	120.1	6 400*							28.0
30.0	67.3	119.3	6 300*							30.0
32.0	65.4	118.4	6 100*	70.2	120.1	6 400*				32.0
34.0	63.4	117.4	5 900*	68.3	119.3	6 200*				34.0
36.0	61.3	116.3	5 800*	66.4	118.4	6 100*				36.0
38.0	59.3	115.2	5 700*	64.4	117.5	5 900*				38.0
40.0	57.2	113.9	5 600*	62.4	116.5	5 800*				40.0
42.0	55.0	112.5	5 400*	60.3	115.3	5 700*				42.0
44.0	52.8	111.0	5 300*	58.3	114.1	5 600*				44.0
46.0	50.5	109.4	5 100*	56.1	112.8	5 500*				46.0
48.0	48.1	107.6	5 000*	53.9	111.4	5 300*				48.0
50.0	45.6	105.7	4 800*	51.7	109.8	5 300*				50.0
52.0	43.0	103.6	4 600*	49.3	108.1	5 100*				52.0
54.0	40.3	101.3	4 500*	46.9	106.3	4 900*				54.0
56.0	37.4	98.8	4 300*	44.4	104.3	4 700*				56.0
58.0	34.3	95.9	4 200*	41.7	102.1	4 600*	56.9	110.1	5 100*	58.0
60.0	31.0	92.7	4 100*	38.9	99.6	4 400*	54.7	108.7	5 100*	60.0
62.0	27.2	89.0	4 000*	36.0	97.0	4 300*	52.5	107.2	5 000*	62.0
64.0	22.9	84.6	3 900*	32.7	94.0	4 200*	50.2	105.5	4 900*	64.0
68.0	9.5	70.2	3 800*	25.2	86.5	4 000*	45.3	101.8	4 800*	68.0
72.0				14.3	74.9	3 800*	40.0	97.3	4 600*	72.0
76.0							33.9	91.9	4 300*	76.0
80.0							26.7	84.8	4 100*	80.0
84.0							16.8	74.4	3 800	84.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

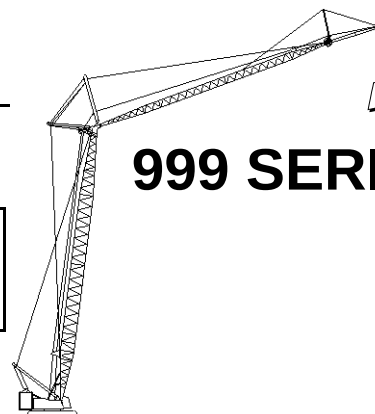
57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	74.8	125.1	6 500*							22.9
24.0	73.8	124.8	6 500*							24.0
26.0	72.0	124.1	6 300*							26.0
28.0	70.2	123.4	6 200*							28.0
30.0	68.4	122.6	6 000*							30.0
32.0	66.5	121.8	5 900*							32.0
34.0	64.7	120.8	5 700*	69.3	122.6	6 000*				34.0
36.0	62.8	119.8	5 600*	67.5	121.8	5 900*				36.0
38.0	60.8	118.7	5 500*	65.6	120.9	5 700*				38.0
40.0	58.8	117.5	5 400*	63.7	119.9	5 600*				40.0
42.0	56.8	116.2	5 300*	61.8	118.8	5 500*				42.0
44.0	54.7	114.8	5 200*	59.9	117.7	5 400*				44.0
46.0	52.6	113.3	5 100*	57.9	116.5	5 300*				46.0
48.0	50.4	111.7	4 900*	55.8	115.1	5 200*				48.0
50.0	48.1	109.9	4 700*	53.7	113.7	5 100*				50.0
52.0	45.8	108.0	4 600*	51.5	112.1	5 000*				52.0
54.0	43.3	105.9	4 400*	49.3	110.4	4 900*				54.0
56.0	40.7	103.7	4 300*	47.0	108.6	4 700*				56.0
58.0	38.0	101.2	4 200*	44.6	106.6	4 500*				58.0
60.0	35.1	98.4	4 000*	42.1	104.4	4 400*	56.5	112.4	4 800*	60.0
62.0	32.0	95.3	3 900*	39.4	102.0	4 300*	54.5	111.0	4 800*	62.0
64.0	28.5	91.8	3 900*	36.6	99.4	4 200*	52.3	109.5	4 800*	64.0
68.0	20.0	82.6	3 700*	30.4	93.2	3 900*	47.8	106.0	4 700*	68.0
72.0				22.5	84.9	3 700*	43.0	102.0	4 500*	72.0
76.0				9.7	70.5	3 600*	37.7	97.2	4 200*	76.0
80.0							31.6	91.2	3 900	80.0
84.0							24.1	83.4	3 600	84.0
88.0							13.0	71.0	3 300	88.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.5	128.3	6 200*							22.9
24.0	74.5	127.9	6 100*							24.0
26.0	72.8	127.3	6 000*							26.0
28.0	71.1	126.7	5 900*							28.0
30.0	69.4	125.9	5 800*							30.0
32.0	67.6	125.1	5 700*							32.0
34.0	65.8	124.2	5 500*	70.3	125.8	5 700*				34.0
36.0	64.0	123.2	5 400*	68.5	125.1	5 600*				36.0
38.0	62.2	122.2	5 300*	66.8	124.2	5 500*				38.0
40.0	60.3	121.1	5 200*	65.0	123.3	5 400*				40.0
42.0	58.4	119.9	5 100*	63.1	122.3	5 300*				42.0
44.0	56.5	118.6	5 000*	61.3	121.2	5 200*				44.0
46.0	54.5	117.1	4 900*	59.4	120.0	5 100*				46.0
48.0	52.4	115.6	4 800*	57.5	118.8	5 000*				48.0
50.0	50.3	114.0	4 600*	55.5	117.4	4 900*				50.0
52.0	48.2	112.2	4 500*	53.5	116.0	4 800*				52.0
54.0	45.9	110.3	4 300*	51.4	114.4	4 800*				54.0
56.0	43.6	108.3	4 200*	49.3	112.7	4 600*				56.0
58.0	41.1	106.0	4 100*	47.1	110.9	4 500*				58.0
60.0	38.6	103.6	4 000*	44.8	108.9	4 300*				60.0
62.0	35.8	100.9	3 900*	42.4	106.7	4 200*	56.2	114.7	4 500*	62.0
64.0	32.9	97.9	3 800*	39.9	104.4	4 100*	54.2	113.3	4 500*	64.0
68.0	26.1	90.6	3 600*	34.4	99.0	3 800*	50.1	110.1	4 400*	68.0
72.0	17.0	80.2	3 400*	28.0	92.2	3 700*	45.6	106.4	4 400*	72.0
76.0				19.8	82.9	3 500*	40.8	102.0	4 100	76.0
80.0							35.5	96.8	3 700	80.0
84.0							29.3	90.4	3 400	84.0
88.0							21.5	81.7	3 100	88.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

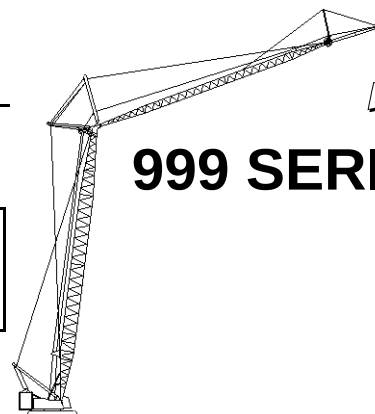
61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
18.3	75.3	113.6	12 100*							18.3
20.0	73.3	113.1	12 000*							20.0
22.0	71.0	112.5	11 800*							22.0
24.0	68.7	111.7	11 700*							24.0
26.0	66.3	110.9	11 500*							26.0
28.0	63.8	109.9	11 400*	70.2	111.7	11 800*				28.0
30.0	61.3	108.8	11 000*	67.8	110.9	11 700*				30.0
32.0	58.8	107.7	10 500*	65.4	110.1	11 600*				32.0
34.0	56.2	106.4	10 000*	63.0	109.1	11 500*				34.0
36.0	53.5	104.9	9 600*	60.5	108.0	11 000*				36.0
38.0	50.6	103.3	9 300*	57.9	106.7	10 500*				38.0
40.0	47.7	101.6	8 900*	55.2	105.4	10 100*				40.0
42.0	44.6	99.6	8 600*	52.5	103.9	9 700*				42.0
44.0	41.4	97.4	8 300*	49.6	102.3	9 300*				44.0
46.0	37.9	95.0	8 000*	46.7	100.4	8 900*				46.0
48.0	34.1	92.1	7 600*	43.5	98.4	8 600*				48.0
50.0	29.9	88.9	7 200*	40.2	96.1	8 300*				50.0
52.0	25.0	84.9	6 800*	36.6	93.5	8 100*	57.1	103.0	8 000	52.0
54.0	19.0	79.8	6 500*	32.7	90.6	7 900*	54.4	101.6	7 600	54.0
56.0	9.8	71.7	6 200*	28.3	87.1	7 600*	51.6	100.0	7 200	56.0
58.0				23.1	82.8	7 400*	48.7	98.3	6 800	58.0
60.0				16.4	77.1	7 300*	45.7	96.4	6 500	60.0
62.0							42.5	94.3	6 200	62.0
64.0							39.1	92.0	5 900	64.0
68.0							31.4	86.2	5 400	68.0
72.0							21.2	77.9	4 900	72.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	74.5	116.4	11 700*							19.8
20.0	74.3	116.3	11 700*							20.0
22.0	72.1	115.7	11 600*							22.0
24.0	69.9	115.0	11 400*							24.0
26.0	67.7	114.2	11 300*							26.0
28.0	65.4	113.3	11 100*							28.0
30.0	63.1	112.3	10 800*	69.1	114.2	11 400*				30.0
32.0	60.7	111.2	10 300*	66.9	113.4	11 300*				32.0
34.0	58.3	110.0	9 800*	64.6	112.5	11 200*				34.0
36.0	55.8	108.7	9 500*	62.2	111.5	10 800*				36.0
38.0	53.2	107.2	9 100*	59.9	110.3	10 300*				38.0
40.0	50.6	105.6	8 800*	57.4	109.1	9 900*				40.0
42.0	47.8	103.9	8 500*	54.9	107.7	9 500*				42.0
44.0	44.9	101.9	8 200*	52.3	106.2	9 100*				44.0
46.0	41.8	99.8	7 800*	49.6	104.6	8 800*				46.0
48.0	38.6	97.4	7 400*	46.8	102.7	8 500*				48.0
50.0	35.1	94.6	7 000*	43.8	100.7	8 200*				50.0
52.0	31.2	91.5	6 700*	40.7	98.5	8 000*				52.0
54.0	26.9	87.8	6 300*	37.4	96.0	7 700*	56.6	105.3	7 400	54.0
56.0	21.7	83.3	6 000*	33.8	93.1	7 500*	54.1	103.9	7 000	56.0
58.0	14.9	77.0	5 700*	29.8	89.8	7 300*	51.5	102.3	6 700	58.0
60.0				25.2	85.9	7 200*	48.7	100.6	6 400	60.0
62.0				19.6	80.9	7 000*	45.9	98.8	6 000	62.0
64.0				11.6	73.4	6 800*	42.9	96.7	5 800	64.0
68.0							36.3	91.7	5 200	68.0
72.0							28.4	85.3	4 800	72.0
76.0							17.5	75.6	4 400	76.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

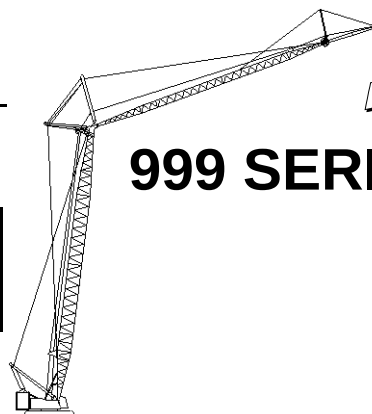
61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.3	119.5	11 000*							19.8
20.0	75.1	119.5	11 000*							20.0
22.0	73.1	118.9	10 900*							22.0
24.0	71.0	118.2	10 700*							24.0
26.0	68.9	117.5	10 600*							26.0
28.0	66.8	116.6	10 500*							28.0
30.0	64.6	115.7	10 300*							30.0
32.0	62.4	114.7	10 000*	68.1	116.7	10 100*				32.0
34.0	60.1	113.6	9 600*	66.0	115.8	10 100*				34.0
36.0	57.8	112.3	9 300*	63.8	114.9	10 000*				36.0
38.0	55.4	111.0	8 900*	61.6	113.8	9 900*				38.0
40.0	53.0	109.5	8 500*	59.3	112.7	9 700*				40.0
42.0	50.5	107.9	8 200*	57.0	111.4	9 300*				42.0
44.0	47.9	106.2	7 800*	54.6	110.0	9 000*				44.0
46.0	45.1	104.2	7 500*	52.1	108.5	8 700*				46.0
48.0	42.2	102.1	7 100*	49.6	106.9	8 400*				48.0
50.0	39.2	99.7	6 800*	46.9	105.0	8 100*				50.0
52.0	35.9	97.1	6 500*	44.1	103.0	7 900*				52.0
54.0	32.4	94.1	6 200*	41.2	100.8	7 600*				54.0
56.0	28.4	90.6	5 900*	38.1	98.4	7 400*	56.3	107.6	6 700	56.0
58.0	23.9	86.4	5 600*	34.7	95.6	7 200*	53.8	106.2	6 400	58.0
60.0	18.3	81.1	5 400*	31.0	92.4	7 100*	51.3	104.6	6 100	60.0
62.0	9.8	72.8	5 200*	26.9	88.8	6 900*	48.8	102.9	5 700	62.0
64.0				22.0	84.3	6 800*	46.1	101.1	5 500	64.0
68.0							40.2	96.7	4 900	68.0
72.0							33.6	91.3	4 500	72.0
76.0							25.5	84.1	4 000	76.0
80.0							13.3	72.4	3 700	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.6	122.3	9 800*							21.3
22.0	73.9	122.1	9 800*							22.0
24.0	72.0	121.4	9 600*							24.0
26.0	70.0	120.7	9 500*							26.0
28.0	68.0	120.0	9 300*							28.0
30.0	65.9	119.1	9 200*							30.0
32.0	63.9	118.1	9 100*	69.3	120.0	9 100*				32.0
34.0	61.8	117.1	8 900*	67.3	119.2	9 000*				34.0
36.0	59.6	115.9	8 600*	65.2	118.3	8 900*				36.0
38.0	57.4	114.7	8 300*	63.1	117.3	8 800*				38.0
40.0	55.1	113.3	8 000*	61.0	116.2	8 700*				40.0
42.0	52.8	111.8	7 700*	58.8	115.0	8 600*				42.0
44.0	50.4	110.2	7 400*	56.6	113.7	8 600*				44.0
46.0	47.9	108.5	7 100*	54.3	112.3	8 500*				46.0
48.0	45.3	106.5	6 800*	52.0	110.8	8 200*				48.0
50.0	42.6	104.4	6 500*	49.5	109.2	7 900*				50.0
52.0	39.7	102.1	6 200*	47.0	107.3	7 700*				52.0
54.0	36.7	99.5	6 000*	44.4	105.4	7 500*				54.0
56.0	33.4	96.6	5 700*	41.6	103.2	7 300*				56.0
58.0	29.7	93.3	5 500*	38.7	100.8	7 100*	55.9	109.9	6 100	58.0
60.0	25.7	89.4	5 200*	35.5	98.1	6 900*	53.6	108.5	5 800	60.0
62.0	20.8	84.6	5 000*	32.1	95.0	6 800*	51.2	106.9	5 500	62.0
64.0	14.5	78.2	4 800*	28.4	91.5	6 700*	48.8	105.2	5 200	64.0
68.0				18.8	82.2	6 300*	43.5	101.3	4 700	68.0
72.0							37.7	96.6	4 200	72.0
76.0							31.0	90.6	3 800	76.0
80.0							22.6	82.6	3 500	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

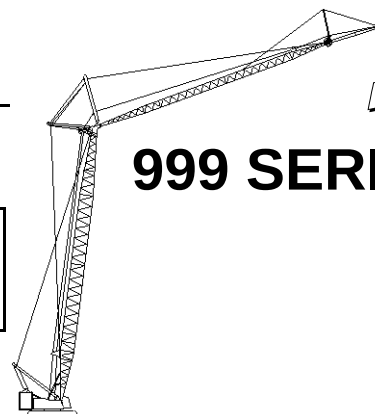
61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	74.9	116.4	10 000*							19.8
20.0	74.7	116.3	10 000*							20.0
22.0	72.5	115.7	9 800*							22.0
24.0	70.3	115.0	9 700*							24.0
26.0	68.1	114.2	9 600*							26.0
28.0	65.8	113.3	9 400*							28.0
30.0	63.5	112.3	9 200*	69.5	114.2	9 700*				30.0
32.0	61.1	111.2	8 800*	67.3	113.4	9 600*				32.0
34.0	58.7	110.0	8 500*	65.0	112.5	9 500*				34.0
36.0	56.2	108.7	8 100*	62.7	111.4	9 300*				36.0
38.0	53.6	107.2	7 800*	60.3	110.3	8 900*				38.0
40.0	51.0	105.6	7 500*	57.8	109.1	8 500*				40.0
42.0	48.2	103.8	7 200*	55.3	107.7	8 100*				42.0
44.0	45.3	101.9	7 000*	52.7	106.2	7 800*				44.0
46.0	42.2	99.7	6 700*	50.0	104.5	7 500*				46.0
48.0	39.0	97.3	6 500*	47.2	102.7	7 200*				48.0
50.0	35.5	94.6	6 300*	44.2	100.7	7 000*				50.0
52.0	31.6	91.5	6 100*	41.1	98.4	6 700*				52.0
54.0	27.2	87.8	6 000*	37.8	95.9	6 500*	57.1	105.3	7 500	54.0
56.0	22.1	83.2	5 800*	34.2	93.1	6 300*	54.5	103.9	7 200	56.0
58.0	15.2	77.0	5 500*	30.1	89.8	6 200*	51.9	102.3	6 800	58.0
60.0				25.5	85.8	6 000*	49.2	100.6	6 500	60.0
62.0				20.0	80.8	5 800*	46.3	98.7	6 200	62.0
64.0				11.9	73.4	5 700*	43.3	96.7	5 900	64.0
68.0							36.7	91.7	5 400	68.0
72.0							28.8	85.3	4 900	72.0
76.0							17.9	75.6	4 500	76.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.7	119.5	9 800*							19.8
20.0	75.5	119.5	9 800*							20.0
22.0	73.5	118.9	9 700*							22.0
24.0	71.4	118.2	9 500*							24.0
26.0	69.3	117.5	9 400*							26.0
28.0	67.2	116.6	9 300*							28.0
30.0	65.0	115.7	9 100*							30.0
32.0	62.8	114.7	8 700*	68.5	116.7	9 400*				32.0
34.0	60.5	113.6	8 300*	66.4	115.8	9 300*				34.0
36.0	58.2	112.3	7 900*	64.2	114.9	9 100*				36.0
38.0	55.8	111.0	7 600*	62.0	113.8	8 700*				38.0
40.0	53.4	109.5	7 300*	59.7	112.7	8 300*				40.0
42.0	50.9	107.9	7 100*	57.4	111.4	8 000*				42.0
44.0	48.2	106.1	6 800*	55.0	110.0	7 700*				44.0
46.0	45.5	104.2	6 600*	52.5	108.5	7 400*				46.0
48.0	42.6	102.1	6 400*	50.0	106.8	7 100*				48.0
50.0	39.6	99.7	6 200*	47.3	105.0	6 900*				50.0
52.0	36.3	97.1	6 000*	44.5	103.0	6 600*				52.0
54.0	32.7	94.1	5 900*	41.6	100.8	6 400*				54.0
56.0	28.8	90.6	5 700*	38.4	98.3	6 200*	56.6	107.6	7 000	56.0
58.0	24.2	86.4	5 500*	35.1	95.6	6 100*	54.2	106.2	6 700	58.0
60.0	18.6	81.1	5 200*	31.4	92.4	5 900*	51.7	104.6	6 300	60.0
62.0	10.1	72.7	5 000*	27.3	88.7	5 700*	49.1	102.9	6 100	62.0
64.0				22.4	84.2	5 600*	46.4	101.0	5 800	64.0
68.0							40.6	96.7	5 200	68.0
72.0							34.0	91.3	4 800	72.0
76.0							25.9	84.1	4 300	76.0
80.0							13.7	72.4	4 000	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

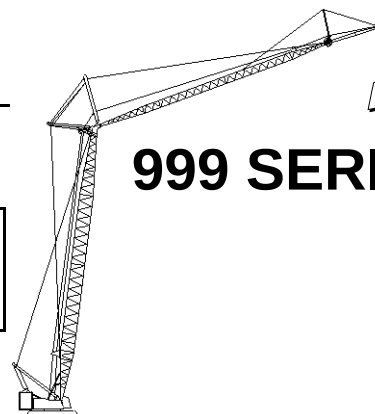
61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.0	122.3	9 500*							21.3
22.0	74.3	122.1	9 400*							22.0
24.0	72.4	121.4	9 300*							24.0
26.0	70.4	120.7	9 200*							26.0
28.0	68.4	119.9	9 100*							28.0
30.0	66.3	119.1	8 900*							30.0
32.0	64.2	118.1	8 500*	69.7	120.0	8 900*				32.0
34.0	62.1	117.1	8 100*	67.6	119.2	8 800*				34.0
36.0	60.0	115.9	7 800*	65.6	118.3	8 700*				36.0
38.0	57.8	114.7	7 500*	63.5	117.3	8 500*				38.0
40.0	55.5	113.3	7 200*	61.4	116.2	8 100*				40.0
42.0	53.2	111.8	7 000*	59.2	115.0	7 800*				42.0
44.0	50.8	110.2	6 700*	57.0	113.7	7 500*				44.0
46.0	48.3	108.4	6 500*	54.7	112.3	7 300*				46.0
48.0	45.7	106.5	6 300*	52.3	110.8	7 000*				48.0
50.0	43.0	104.4	6 100*	49.9	109.1	6 700*				50.0
52.0	40.1	102.1	6 000*	47.4	107.3	6 600*				52.0
54.0	37.0	99.5	5 800*	44.7	105.3	6 300*				54.0
56.0	33.7	96.6	5 600*	42.0	103.1	6 200*				56.0
58.0	30.1	93.3	5 300*	39.0	100.7	6 000*	56.3	109.9	6 400	58.0
60.0	26.0	89.4	5 100*	35.9	98.0	5 800*	54.0	108.5	6 000	60.0
62.0	21.2	84.6	4 900*	32.5	95.0	5 700*	51.6	106.9	5 700	62.0
64.0	14.8	78.1	4 700*	28.7	91.5	5 500*	49.1	105.2	5 400	64.0
68.0				19.2	82.1	5 300*	43.9	101.3	4 900	68.0
72.0							38.1	96.6	4 400	72.0
76.0							31.4	90.6	4 000	76.0
80.0							22.9	82.5	3 700	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.7	125.4	8 700*							21.3
22.0	75.1	125.2	8 700*							22.0
24.0	73.2	124.6	8 600*							24.0
26.0	71.3	124.0	8 500*							26.0
28.0	69.4	123.2	8 300*							28.0
30.0	67.5	122.4	8 200*							30.0
32.0	65.6	121.5	8 100*	70.7	123.2	8 100*				32.0
34.0	63.6	120.5	8 000*	68.8	122.5	8 000*				34.0
36.0	61.5	119.4	7 600*	66.8	121.6	7 900*				36.0
38.0	59.5	118.3	7 300*	64.9	120.7	7 800*				38.0
40.0	57.4	117.0	7 100*	62.9	119.7	7 700*				40.0
42.0	55.2	115.6	6 800*	60.8	118.6	7 600*				42.0
44.0	53.0	114.1	6 600*	58.7	117.4	7 400*				44.0
46.0	50.7	112.5	6 400*	56.6	116.0	7 100*				46.0
48.0	48.3	110.8	6 200*	54.4	114.6	6 800*				48.0
50.0	45.8	108.8	6 000*	52.2	113.1	6 600*				50.0
52.0	43.3	106.7	5 800*	49.9	111.4	6 400*				52.0
54.0	40.6	104.5	5 600*	47.5	109.6	6 200*				54.0
56.0	37.7	101.9	5 400*	44.9	107.6	6 000*				56.0
58.0	34.6	99.1	5 200*	42.3	105.5	5 900*				58.0
60.0	31.2	95.9	5 000*	39.6	103.1	5 700*	55.9	112.3	5 800	60.0
62.0	27.5	92.2	4 800*	36.6	100.5	5 600*	53.7	110.8	5 500	62.0
64.0	23.2	87.9	4 500*	33.4	97.5	5 400*	51.5	109.2	5 200	64.0
68.0	10.1	73.8	4 200*	26.1	90.3	5 200*	46.7	105.7	4 700	68.0
72.0				15.7	79.4	5 000*	41.5	101.4	4 200	72.0
76.0							35.7	96.2	3 800	76.0
80.0							28.8	89.7	3 500	80.0
84.0							19.9	80.5	3 100	84.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

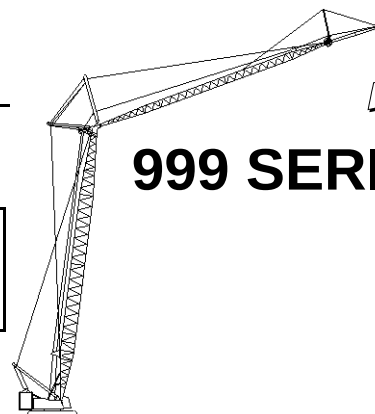
61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
19.8	75.8	119.5	8 600*							19.8
20.0	75.6	119.5	8 600*							20.0
22.0	73.6	118.9	8 400*							22.0
24.0	71.5	118.2	8 300*							24.0
26.0	69.4	117.5	8 200*							26.0
28.0	67.2	116.6	8 000*							28.0
30.0	65.1	115.7	7 900*							30.0
32.0	62.9	114.7	7 800*	68.6	116.7	8 200*				32.0
34.0	60.6	113.6	7 400*	66.5	115.8	8 100*				34.0
36.0	58.3	112.3	7 100*	64.3	114.9	8 000*				36.0
38.0	55.9	111.0	6 800*	62.1	113.8	7 800*				38.0
40.0	53.5	109.5	6 500*	59.8	112.7	7 500*				40.0
42.0	51.0	107.9	6 300*	57.5	111.4	7 100*				42.0
44.0	48.3	106.2	6 100*	55.1	110.0	6 800*				44.0
46.0	45.6	104.2	5 800*	52.6	108.5	6 500*				46.0
48.0	42.7	102.1	5 600*	50.0	106.8	6 300*				48.0
50.0	39.7	99.7	5 500*	47.4	105.0	6 100*				50.0
52.0	36.4	97.1	5 300*	44.6	103.0	5 900*				52.0
54.0	32.8	94.1	5 100*	41.7	100.8	5 600*				54.0
56.0	28.9	90.6	5 000*	38.5	98.3	5 500*				56.0
58.0	24.3	86.4	4 800*	35.2	95.6	5 300*	54.3	106.2	6 800	58.0
60.0	18.7	81.1	4 800*	31.5	92.4	5 200*	51.8	104.6	6 400	60.0
62.0	10.3	72.7	4 700*	27.4	88.7	5 000*	49.2	102.9	6 100	62.0
64.0				22.5	84.2	4 900*	46.5	101.0	5 800	64.0
68.0							40.7	96.7	5 300	68.0
72.0							34.1	91.3	4 900	72.0
76.0							26.0	84.1	4 500	76.0
80.0							13.8	72.4	4 100	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.1	122.3	8 300*							21.3
22.0	74.4	122.1	8 300*							22.0
24.0	72.4	121.4	8 100*							24.0
26.0	70.5	120.7	8 000*							26.0
28.0	68.4	119.9	7 900*							28.0
30.0	66.4	119.1	7 800*							30.0
32.0	64.3	118.1	7 700*	69.8	120.0	8 000*				32.0
34.0	62.2	117.1	7 300*	67.7	119.2	7 900*				34.0
36.0	60.1	115.9	7 000*	65.7	118.3	7 700*				36.0
38.0	57.9	114.7	6 700*	63.6	117.3	7 600*				38.0
40.0	55.6	113.3	6 400*	61.5	116.2	7 300*				40.0
42.0	53.3	111.8	6 200*	59.3	115.0	7 000*				42.0
44.0	50.9	110.2	6 000*	57.1	113.7	6 700*				44.0
46.0	48.4	108.5	5 700*	54.8	112.3	6 400*				46.0
48.0	45.8	106.5	5 600*	52.4	110.8	6 200*				48.0
50.0	43.1	104.4	5 400*	50.0	109.1	6 000*				50.0
52.0	40.2	102.1	5 200*	47.5	107.3	5 800*				52.0
54.0	37.1	99.5	5 100*	44.8	105.3	5 600*				54.0
56.0	33.8	96.6	4 900*	42.1	103.2	5 400*				56.0
58.0	30.2	93.3	4 800*	39.1	100.7	5 200*	56.4	109.9	6 500	58.0
60.0	26.1	89.4	4 700*	36.0	98.0	5 100*	54.1	108.5	6 300	60.0
62.0	21.2	84.6	4 600*	32.6	95.0	4 900*	51.7	106.9	6 000	62.0
64.0	14.9	78.1	4 500*	28.8	91.5	4 800*	49.2	105.2	5 700	64.0
68.0				19.3	82.1	4 600*	44.0	101.3	5 200	68.0
72.0							38.2	96.6	4 700	72.0
76.0							31.5	90.6	4 300	76.0
80.0							23.0	82.5	4 000	80.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

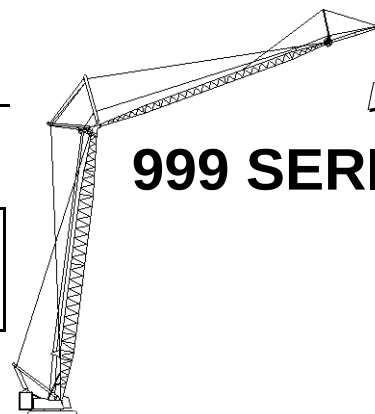
61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.8	125.4	8 100*							21.3
22.0	75.2	125.2	8 100*							22.0
24.0	73.3	124.6	7 900*							24.0
26.0	71.4	124.0	7 800*							26.0
28.0	69.5	123.2	7 600*							28.0
30.0	67.6	122.4	7 500*							30.0
32.0	65.6	121.5	7 400*	70.8	123.2	7 500*				32.0
34.0	63.7	120.5	7 200*	68.8	122.5	7 400*				34.0
36.0	61.6	119.4	6 900*	66.9	121.6	7 300*				36.0
38.0	59.6	118.3	6 600*	64.9	120.7	7 200*				38.0
40.0	57.5	117.0	6 300*	62.9	119.7	7 000*				40.0
42.0	55.3	115.6	6 100*	60.9	118.6	6 900*				42.0
44.0	53.1	114.1	5 900*	58.8	117.4	6 600*				44.0
46.0	50.8	112.5	5 700*	56.7	116.1	6 400*				46.0
48.0	48.4	110.8	5 500*	54.5	114.6	6 100*				48.0
50.0	45.9	108.8	5 300*	52.3	113.1	5 900*				50.0
52.0	43.4	106.8	5 200*	49.9	111.4	5 700*				52.0
54.0	40.6	104.5	5 000*	47.5	109.6	5 500*				54.0
56.0	37.8	101.9	4 800*	45.0	107.6	5 300*				56.0
58.0	34.7	99.1	4 700*	42.4	105.5	5 200*				58.0
60.0	31.3	95.9	4 600*	39.6	103.1	5 000*	56.0	112.3	6 000	60.0
62.0	27.6	92.2	4 500*	36.7	100.5	4 900*	53.8	110.8	5 700	62.0
64.0	23.3	87.9	4 400*	33.5	97.6	4 800*	51.6	109.2	5 400	64.0
68.0	10.2	73.8	4 100*	26.2	90.3	4 500*	46.8	105.7	4 900	68.0
72.0				15.8	79.4	4 300*	41.6	101.4	4 400	72.0
76.0							35.8	96.3	4 000	76.0
80.0							28.9	89.7	3 600	80.0
84.0							20.0	80.5	3 300	84.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.1	128.2	7 400*							22.9
24.0	74.1	127.8	7 400*							24.0
26.0	72.3	127.2	7 200*							26.0
28.0	70.5	126.5	7 100*							28.0
30.0	68.7	125.7	7 000*							30.0
32.0	66.8	124.9	6 900*							32.0
34.0	64.9	123.9	6 800*	69.9	125.7	6 900*				34.0
36.0	63.0	122.9	6 700*	68.0	124.9	6 800*				36.0
38.0	61.1	121.8	6 500*	66.2	124.1	6 700*				38.0
40.0	59.1	120.6	6 200*	64.3	123.1	6 600*				40.0
42.0	57.1	119.3	6 000*	62.4	122.1	6 500*				42.0
44.0	55.0	117.9	5 700*	60.4	120.9	6 400*				44.0
46.0	52.9	116.4	5 500*	58.4	119.7	6 200*				46.0
48.0	50.7	114.8	5 400*	56.4	118.4	6 000*				48.0
50.0	48.4	113.1	5 200*	54.3	116.9	5 800*				50.0
52.0	46.1	111.1	5 100*	52.1	115.4	5 600*				52.0
54.0	43.6	109.1	4 900*	49.9	113.7	5 400*				54.0
56.0	41.1	106.8	4 800*	47.6	111.9	5 200*				56.0
58.0	38.3	104.3	4 600*	45.2	110.0	5 100*				58.0
60.0	35.4	101.6	4 500*	42.7	107.8	4 900*				60.0
62.0	32.3	98.5	4 400*	40.1	105.5	4 800*	55.7	114.6	5 400	62.0
64.0	28.9	95.0	4 300*	37.3	102.9	4 700*	53.6	113.1	5 200	64.0
68.0	20.5	85.9	4 000*	31.2	96.9	4 400*	49.2	109.8	4 700	68.0
72.0				23.5	88.8	4 200*	44.5	106.0	4 200	72.0
76.0				11.7	75.5	4 100*	39.3	101.4	3 800	76.0
80.0							33.4	95.7	3 400	80.0
84.0							26.4	88.5	3 100	84.0
88.0							16.8	78.0	2 800	88.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s

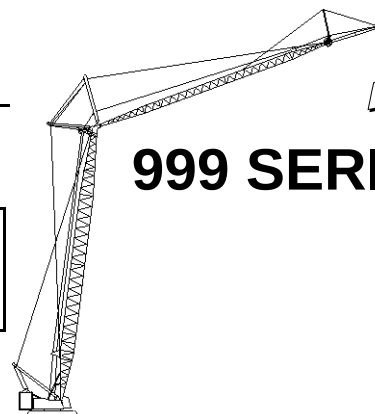
61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	74.9	122.3	7 200*							21.3
22.0	74.2	122.1	7 100*							22.0
24.0	72.2	121.4	6 900*							24.0
26.0	70.3	120.7	6 700*							26.0
28.0	68.3	120.0	6 600*							28.0
30.0	66.2	119.1	6 400*							30.0
32.0	64.1	118.1	6 300*	69.6	120.0	6 600*				32.0
34.0	62.0	117.1	6 100*	67.5	119.2	6 400*				34.0
36.0	59.9	115.9	5 900*	65.5	118.3	6 300*				36.0
38.0	57.7	114.7	5 800*	63.4	117.3	6 100*				38.0
40.0	55.4	113.3	5 700*	61.3	116.2	6 000*				40.0
42.0	53.1	111.8	5 500*	59.1	115.0	5 800*				42.0
44.0	50.7	110.2	5 400*	56.9	113.7	5 700*				44.0
46.0	48.2	108.5	5 200*	54.6	112.3	5 600*				46.0
48.0	45.6	106.5	5 000*	52.2	110.8	5 500*				48.0
50.0	42.9	104.4	4 900*	49.8	109.2	5 400*				50.0
52.0	40.0	102.1	4 700*	47.3	107.3	5 200*				52.0
54.0	36.9	99.5	4 500*	44.6	105.4	5 100*				54.0
56.0	33.6	96.6	4 400*	41.9	103.2	4 900*				56.0
58.0	30.0	93.3	4 300*	38.9	100.8	4 700*	56.2	109.9	5 300*	58.0
60.0	25.9	89.4	4 100*	35.8	98.1	4 600*	53.9	108.5	5 200*	60.0
62.0	21.1	84.6	4 000*	32.4	95.0	4 400*	51.5	106.9	5 200*	62.0
64.0	14.7	78.2	3 900*	28.6	91.5	4 300*	49.0	105.2	5 100*	64.0
68.0				19.1	82.2	4 100*	43.8	101.3	5 000*	68.0
72.0							38.0	96.6	4 700*	72.0
76.0							31.3	90.6	4 400	76.0
80.0							22.8	82.6	4 100	80.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
21.3	75.6	125.4	6 900*							21.3
22.0	75.0	125.3	6 900*							22.0
24.0	73.1	124.7	6 700*							24.0
26.0	71.2	124.0	6 600*							26.0
28.0	69.3	123.2	6 400*							28.0
30.0	67.4	122.4	6 200*							30.0
32.0	65.5	121.5	6 100*	70.6	123.3	6 300*				32.0
34.0	63.5	120.5	5 900*	68.7	122.5	6 200*				34.0
36.0	61.4	119.5	5 800*	66.7	121.6	6 100*				36.0
38.0	59.4	118.3	5 600*	64.8	120.7	5 900*				38.0
40.0	57.3	117.0	5 500*	62.8	119.7	5 800*				40.0
42.0	55.1	115.6	5 400*	60.7	118.6	5 700*				42.0
44.0	52.9	114.1	5 300*	58.6	117.4	5 500*				44.0
46.0	50.6	112.5	5 100*	56.5	116.1	5 500*				46.0
48.0	48.2	110.8	5 000*	54.3	114.7	5 300*				48.0
50.0	45.8	108.9	4 800*	52.1	113.1	5 200*				50.0
52.0	43.2	106.8	4 600*	49.8	111.5	5 200*				52.0
54.0	40.5	104.5	4 500*	47.4	109.6	5 000*				54.0
56.0	37.6	101.9	4 300*	44.9	107.7	4 800*				56.0
58.0	34.5	99.1	4 200*	42.2	105.5	4 600*				58.0
60.0	31.2	95.9	4 100*	39.5	103.1	4 500*	55.9	112.3	5 100*	60.0
62.0	27.4	92.3	4 000*	36.5	100.5	4 400*	53.6	110.8	5 000*	62.0
64.0	23.1	87.9	3 900*	33.4	97.6	4 200*	51.4	109.2	4 900*	64.0
68.0	10.1	73.9	3 700*	26.0	90.4	4 000*	46.6	105.7	4 800*	68.0
72.0				15.6	79.4	3 800*	41.4	101.4	4 600	72.0
76.0							35.6	96.3	4 300	76.0
80.0							28.8	89.7	3 900	80.0
84.0							19.8	80.6	3 600	84.0



Liftcrane Fixed Jib Capacities

999 SERIES 3

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

7 m/s

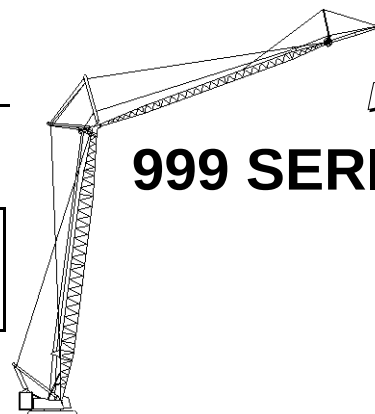
61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	74.9	128.2	6 500*							22.9
24.0	73.9	127.8	6 400*							24.0
26.0	72.1	127.2	6 200*							26.0
28.0	70.3	126.5	6 100*							28.0
30.0	68.5	125.7	6 000*							30.0
32.0	66.6	124.9	5 900*							32.0
34.0	64.8	123.9	5 700*	69.7	125.8	6 000*				34.0
36.0	62.9	122.9	5 600*	67.8	125.0	5 800*				36.0
38.0	60.9	121.8	5 500*	66.0	124.1	5 700*				38.0
40.0	58.9	120.6	5 400*	64.1	123.1	5 600*				40.0
42.0	56.9	119.3	5 300*	62.2	122.1	5 500*				42.0
44.0	54.8	118.0	5 100*	60.2	120.9	5 400*				44.0
46.0	52.7	116.5	5 100*	58.2	119.7	5 300*				46.0
48.0	50.5	114.8	4 900*	56.2	118.4	5 200*				48.0
50.0	48.3	113.1	4 700*	54.1	117.0	5 100*				50.0
52.0	45.9	111.2	4 600*	51.9	115.4	5 000*				52.0
54.0	43.5	109.1	4 400*	49.7	113.8	4 900*				54.0
56.0	40.9	106.8	4 300*	47.4	111.9	4 800*				56.0
58.0	38.2	104.4	4 200*	45.1	110.0	4 600*				58.0
60.0	35.3	101.6	4 000*	42.6	107.8	4 400*				60.0
62.0	32.2	98.5	3 900*	40.0	105.5	4 300*	55.5	114.6	4 800*	62.0
64.0	28.7	95.0	3 900*	37.2	102.9	4 200*	53.4	113.1	4 700*	64.0
68.0	20.3	86.0	3 700*	31.0	96.9	4 000*	49.0	109.8	4 600*	68.0
72.0				23.4	88.9	3 700*	44.3	106.0	4 400	72.0
76.0				11.6	75.6	3 600*	39.1	101.4	4 000	76.0
80.0							33.3	95.8	3 600	80.0
84.0							26.2	88.6	3 300	84.0
88.0							16.6	78.0	3 000	88.0

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
99 610 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
7 m/s



999 SERIES 3

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Ang. Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	
22.9	75.6	131.3	6 200*							22.9
24.0	74.6	131.0	6 100*							24.0
26.0	72.9	130.4	6 000*							26.0
28.0	71.2	129.7	5 800*							28.0
30.0	69.5	129.0	5 700*							30.0
32.0	67.7	128.2	5 600*							32.0
34.0	65.9	127.3	5 500*	70.6	129.0	5 700*				34.0
36.0	64.1	126.3	5 400*	68.9	128.2	5 600*				36.0
38.0	62.3	125.3	5 300*	67.1	127.4	5 400*				38.0
40.0	60.4	124.2	5 100*	65.3	126.5	5 300*				40.0
42.0	58.5	123.0	5 000*	63.5	125.5	5 300*				42.0
44.0	56.6	121.7	5 000*	61.6	124.4	5 200*				44.0
46.0	54.6	120.3	4 900*	59.8	123.3	5 100*				46.0
48.0	52.6	118.8	4 800*	57.8	122.1	5 000*				48.0
50.0	50.5	117.1	4 600*	55.9	120.7	4 900*				50.0
52.0	48.3	115.4	4 500*	53.9	119.3	4 800*				52.0
54.0	46.0	113.5	4 400*	51.8	117.7	4 800*				54.0
56.0	43.7	111.4	4 200*	49.7	116.1	4 600*				56.0
58.0	41.3	109.2	4 100*	47.5	114.2	4 500*				58.0
60.0	38.7	106.7	4 000*	45.2	112.3	4 400*				60.0
62.0	36.0	104.1	3 900*	42.9	110.2	4 200*				62.0
64.0	33.1	101.1	3 800*	40.4	107.9	4 100*	55.3	116.9	4 500*	64.0
68.0	26.3	93.9	3 600*	35.0	102.6	3 900*	51.2	113.8	4 400*	68.0
72.0	17.3	83.6	3 400*	28.7	96.0	3 700*	46.8	110.3	4 200	72.0
76.0				20.7	87.0	3 500*	42.1	106.1	3 800	76.0
80.0							36.9	101.2	3 400	80.0
84.0							31.0	95.1	3 100	84.0
88.0							23.7	87.1	2 800	88.0
92.0							13.1	74.6	2 500	92.0