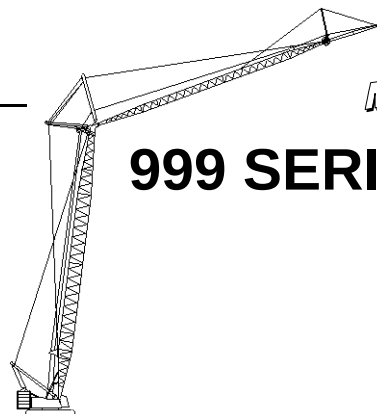


Liftcrane Fixed Jib Capacities

**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**

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



999 SERIES 3

wLIFTING 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 do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

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

Lower boom point assembly must be completely removed from:

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

When equipped with boom catwalks, refer to the appropriate raising table for any additional restrictions.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom, luffing jib point and fixed jib point sheaves, is considered part of fixed jib load. 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** or **No. A09286** (Boom No. 22EL) or **No. 196200** or **No. A09287** (Boom No. 82), Wire Rope Specification chart **No. 8247-B** and Luffing Jib Raising Procedure chart **No. 8248-B**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8249-B**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line. Boom angle is angle between horizontal and centerline of boom butt and

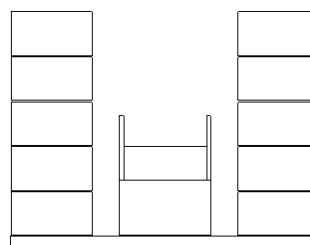
inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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 on 26 mm or 1 in. wire rope when auxiliary drum is used).

Consult chart **No. 8237-AM** for luffing jib capacities. Consult chart **No. 8586-AM** for intermediate fall capacities with fixed jib attached.



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

Intermediate Fall Deduct

Deduct 450 kg from capacities when luffing jib is equipped with intermediate fall.

Boom Catwalks Deduct

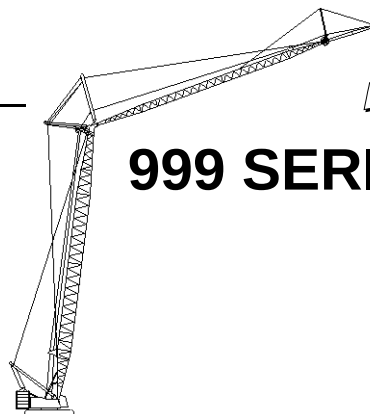
Deduct 150 kg from capacities when boom catwalks are attached.



Liftcrane Fixed Jib Capacities

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999 SERIES 3

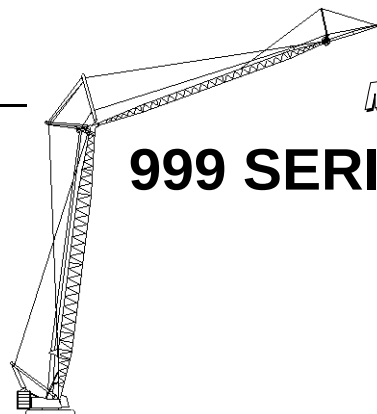
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	8 300*	60.0
62.0							35.1	77.6	8 000*	62.0
64.0							31.0	74.5	7 800	64.0
68.0							20.7	66.0	7 100	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

Designed And Tested
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999 SERIES 3

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

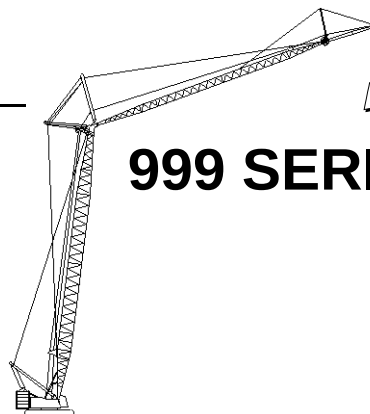
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	8 200*	60.0
62.0				14.1	63.7	6 900*	39.4	82.7	7 900*	62.0
64.0							36.0	80.1	7 700*	64.0
68.0							28.0	73.5	7 100	68.0
72.0							16.9	63.6	6 400	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

Designed And Tested
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999 SERIES 3

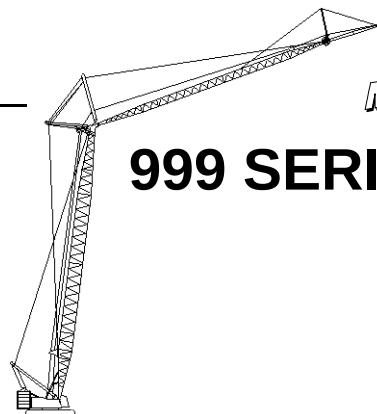
48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	8 300*	58.0
60.0	16.8	67.5	5 900*	28.0	77.7	6 900*	45.8	89.4	8 000*	60.0
62.0				23.4	73.4	6 800*	43.0	87.4	7 800*	62.0
64.0				17.6	67.9	6 700*	40.0	85.1	7 600	64.0
68.0							33.3	79.6	6 900	68.0
72.0							25.1	72.3	6 300	72.0
76.0							12.5	60.2	5 700	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

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999 SERIES 3

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

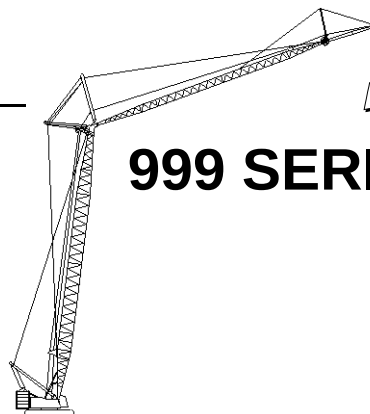
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	7 600*	56.0
58.0	28.9	80.3	6 000*	36.4	86.7	7 000*	51.0	95.3	7 600*	58.0
60.0	24.7	76.3	5 700*	33.0	83.7	6 800*	48.6	93.6	7 500*	60.0
62.0	19.6	71.3	5 500*	29.4	80.4	6 700*	46.0	91.7	7 400*	62.0
64.0	12.7	64.2	5 300*	25.2	76.4	6 500*	43.3	89.7	7 400*	64.0
68.0				13.7	64.8	6 300*	37.5	84.9	6 800	68.0
72.0							30.7	78.9	6 200	72.0
76.0							22.1	70.7	5 600	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

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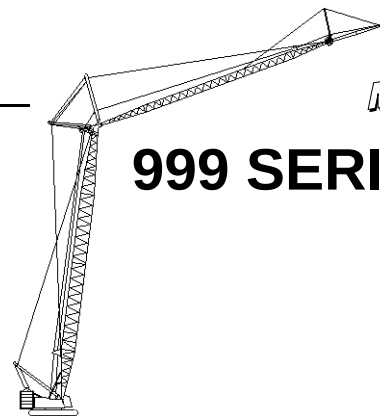
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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
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999 SERIES 3

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

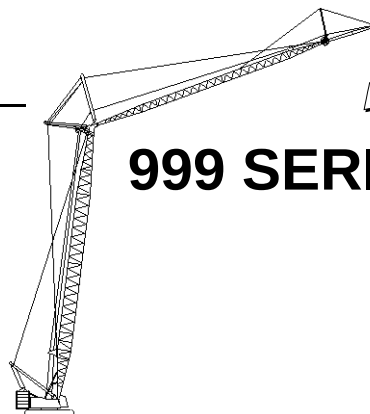
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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

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



999 SERIES 3

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

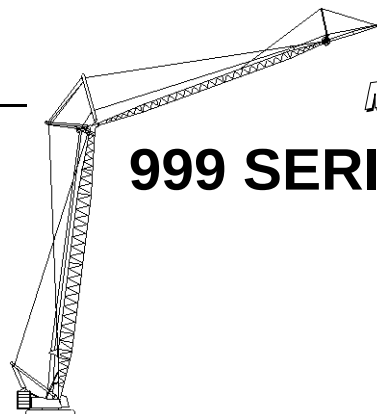
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 400*	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

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



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

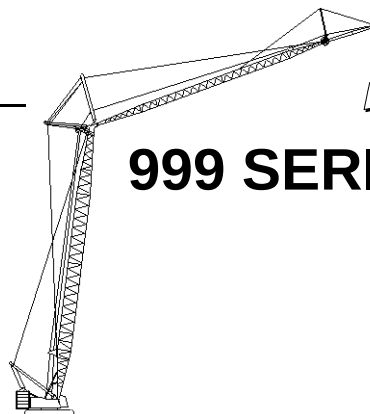
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 300*	76.0
80.0							19.4	68.6	5 100*	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

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



999 SERIES 3

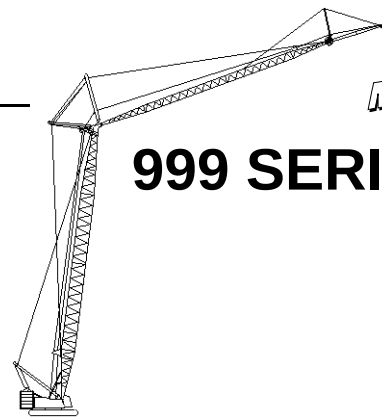
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

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

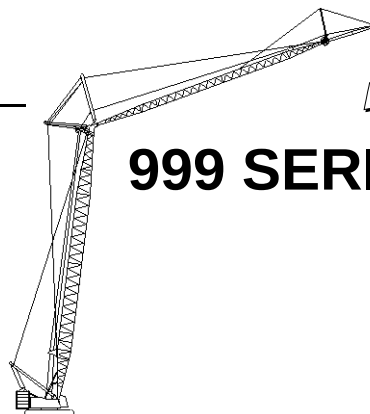
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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

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



999 SERIES 3

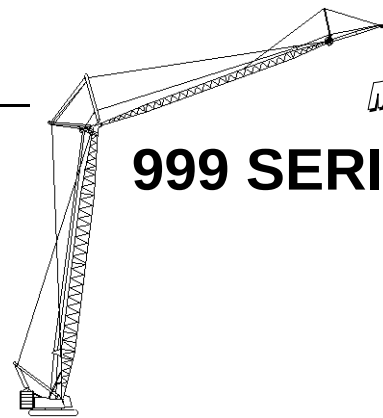
48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

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

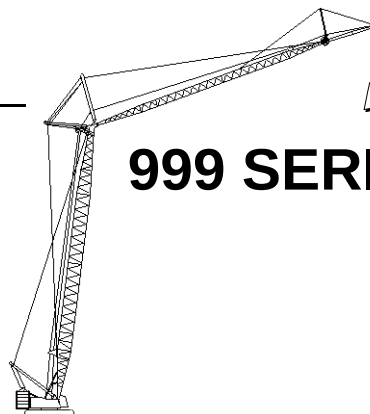
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

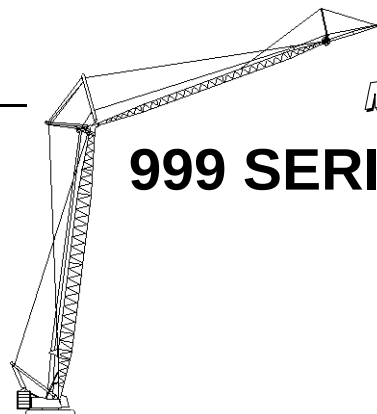
48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

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

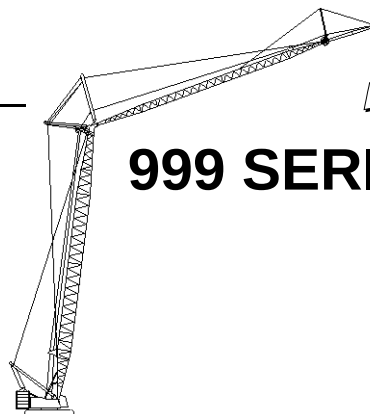
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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

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



999 SERIES 3

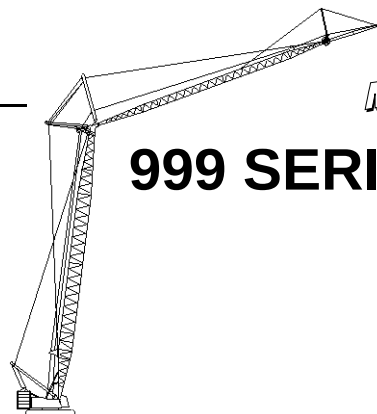
48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

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

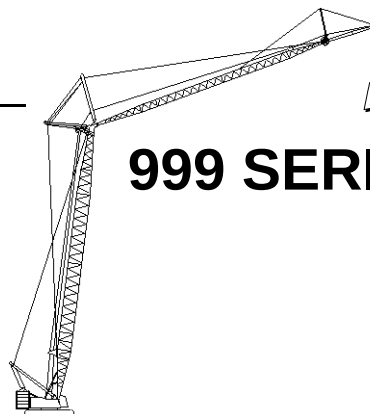
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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

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



999 SERIES 3

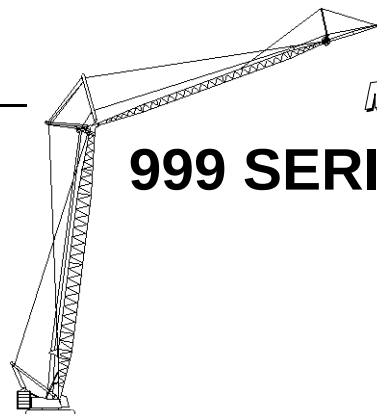
51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	10 100*	50.0
52.0	24.2	75.1	7 300*	34.5	82.9	7 900*	52.8	92.1	9 700*	52.0
54.0	17.9	69.7	6 900*	30.3	79.6	7 700*	50.0	90.5	9 400*	54.0
56.0				25.5	75.8	7 500*	47.0	88.7	9 000*	56.0
58.0				19.6	70.8	7 300*	43.9	86.7	8 700	58.0
60.0							40.6	84.5	8 300	60.0
62.0							37.1	81.9	7 900	62.0
64.0							33.2	79.0	7 500	64.0
68.0							23.8	71.5	6 900	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

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



999 SERIES 3

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

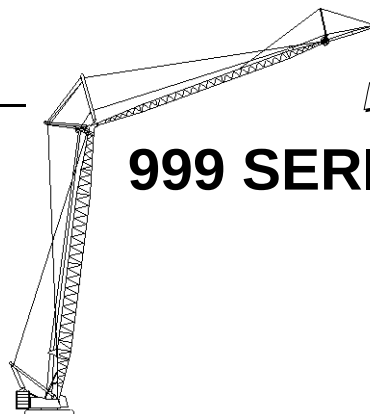
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	9 500*	52.0
54.0	26.1	78.0	6 800*	35.4	85.3	7 600*	52.6	94.4	9 200*	54.0
56.0	20.8	73.3	6 500*	31.6	82.3	7 400*	49.9	92.8	8 900*	56.0
58.0				27.3	78.6	7 200*	47.2	91.0	8 600	58.0
60.0				22.2	74.2	7 000*	44.2	89.0	8 200	60.0
62.0				15.6	68.2	6 900*	41.1	86.8	7 900	62.0
64.0							37.8	84.3	7 500	64.0
68.0							30.3	78.3	6 800	68.0
72.0							20.4	69.6	6 200	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

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



999 SERIES 3

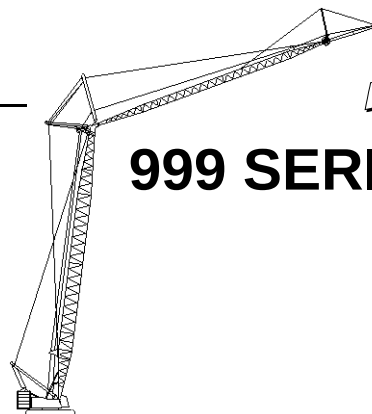
51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	8 500*	56.0
58.0	23.1	76.5	6 000*	32.7	84.8	7 200*	49.9	95.1	8 400	58.0
60.0	17.2	70.9	5 800*	28.8	81.4	7 000*	47.3	93.3	8 100	60.0
62.0				24.3	77.3	6 800*	44.5	91.3	7 700	62.0
64.0				18.8	72.1	6 700*	41.6	89.2	7 300	64.0
68.0							35.2	84.0	6 700	68.0
72.0							27.5	77.3	6 100	72.0
76.0							16.7	67.2	5 500	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

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



999 SERIES 3

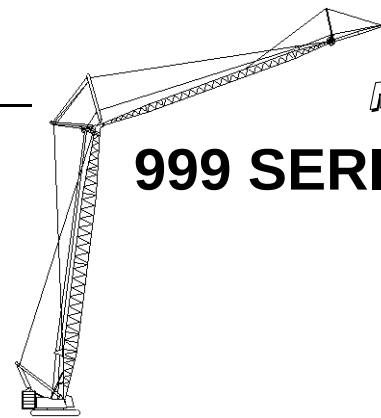
51.8m (170 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	7 400*	56.0
58.0	29.1	83.6	5 900*	37.0	90.2	7 000*	52.3	99.1	7 400*	58.0
60.0	24.9	79.6	5 600*	33.7	87.3	6 900*	49.9	97.4	7 300*	60.0
62.0	19.9	74.6	5 400*	30.1	84.1	6 700*	47.3	95.6	7 300*	62.0
64.0	13.2	67.7	5 200*	26.1	80.2	6 600*	44.7	93.7	7 200	64.0
68.0				15.2	69.3	6 300*	39.1	89.1	6 500	68.0
72.0							32.6	83.5	5 900	72.0
76.0							24.7	76.0	5 400	76.0
80.0							12.6	63.8	4 900	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

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



999 SERIES 3

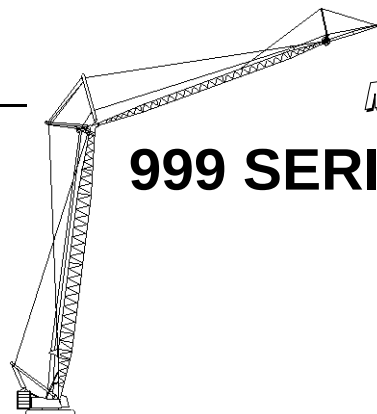
51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 900*	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

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



999 SERIES 3

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

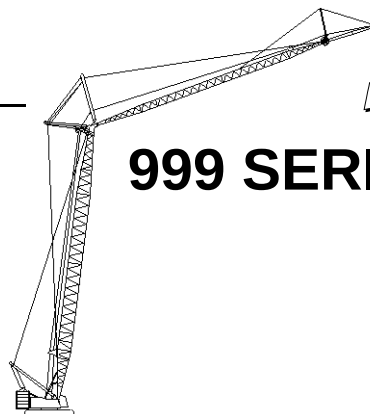
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 500*	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

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



999 SERIES 3

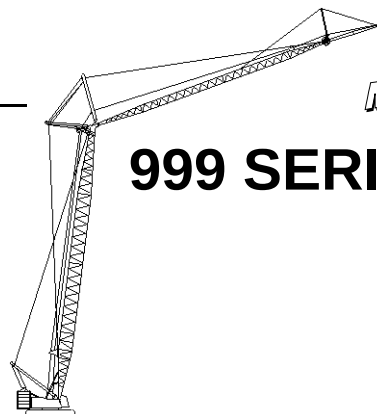
51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 700*	72.0
76.0							25.0	76.0	5 500*	76.0
80.0							12.9	63.7	5 100	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

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



999 SERIES 3

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

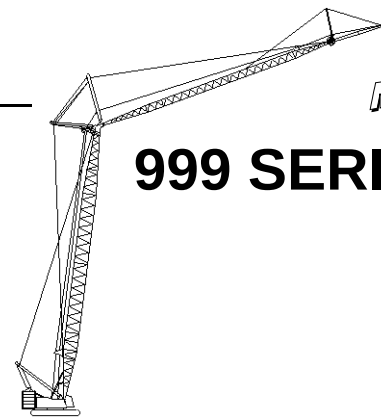
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 600*	72.0
76.0							30.4	82.7	5 400*	76.0
80.0							22.1	74.3	5 000	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

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



999 SERIES 3

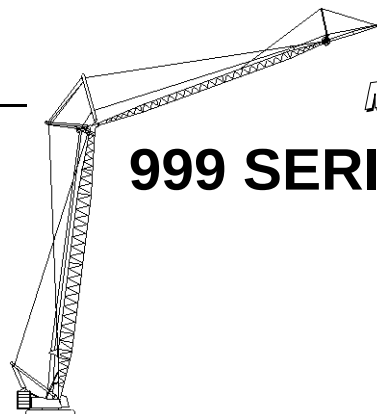
51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

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

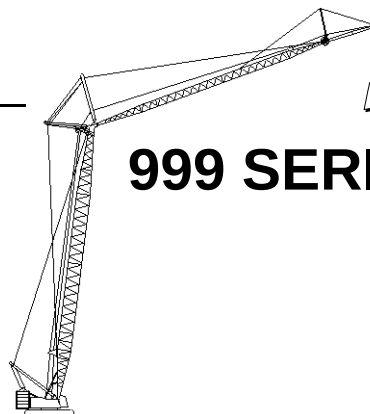
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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

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



999 SERIES 3

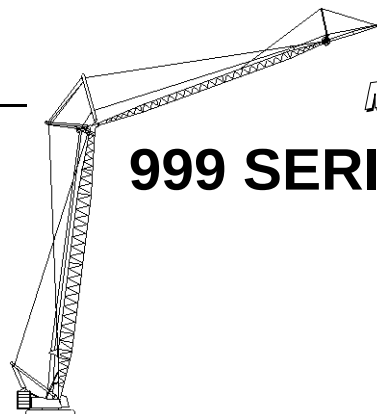
51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

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

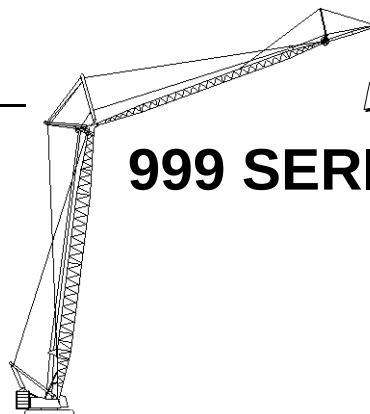
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 200*	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

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



999 SERIES 3

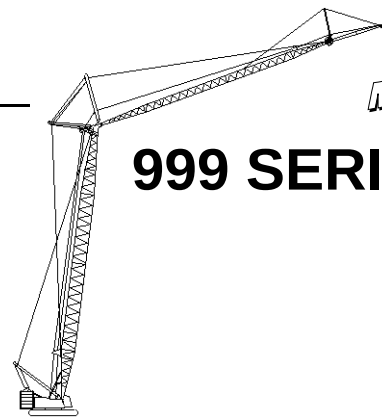
51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

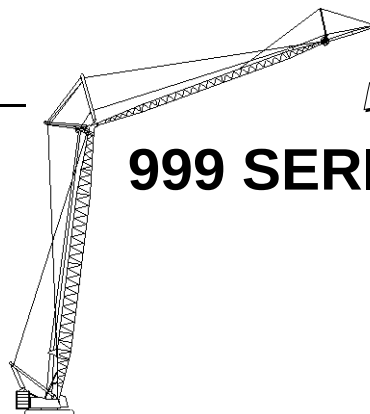
51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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

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



999 SERIES 3

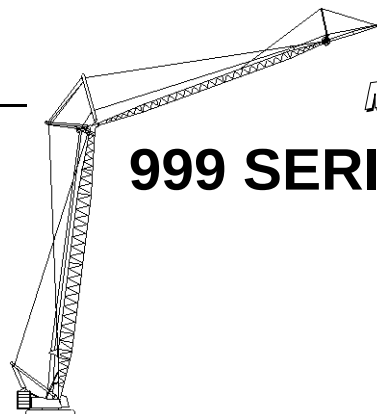
51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

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

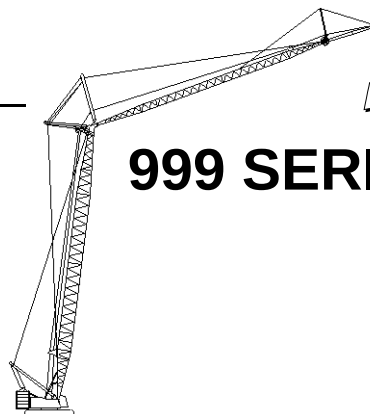
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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

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



999 SERIES 3

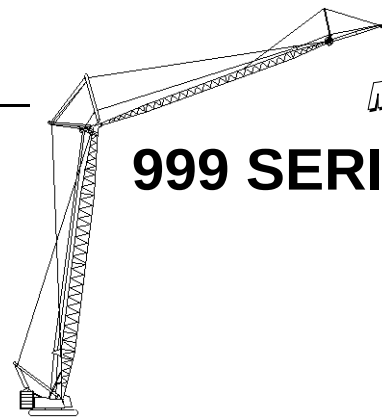
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	9 800	52.0
54.0	18.2	73.1	6 800*	31.1	83.3	7 800*	51.5	94.2	9 300	54.0
56.0	8.2	64.2	6 400*	26.4	79.6	7 600*	48.6	92.5	8 800	56.0
58.0				20.8	74.9	7 300*	45.6	90.6	8 400	58.0
60.0				13.0	68.1	7 200*	42.4	88.5	8 000	60.0
62.0							39.0	86.1	7 600	62.0
64.0							35.3	83.4	7 300	64.0
68.0							26.6	76.6	6 600	68.0
72.0							13.2	65.2	6 000	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

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



999 SERIES 3

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

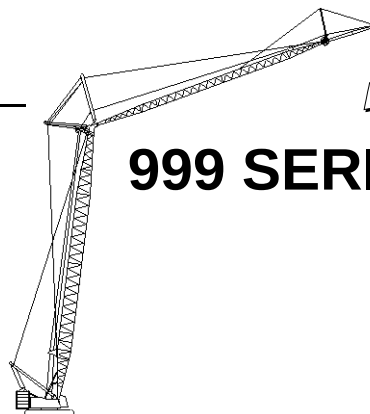
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	9 600	52.0
54.0	26.4	81.3	6 700*	36.1	88.9	7 600*	54.0	98.1	9 300	54.0
56.0	21.1	76.6	6 300*	32.3	85.9	7 400*	51.4	96.5	8 800	56.0
58.0	14.0	70.1	6 000*	28.1	82.4	7 200*	48.6	94.8	8 400	58.0
60.0				23.2	78.1	7 100*	45.8	92.9	8 000	60.0
62.0				17.0	72.5	6 900*	42.8	90.9	7 600	62.0
64.0				6.3	62.3	6 800*	39.6	88.5	7 200	64.0
68.0							32.4	82.9	6 600	68.0
72.0							23.4	75.2	6 000	72.0
76.0							6.7	59.7	5 400	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

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



999 SERIES 3

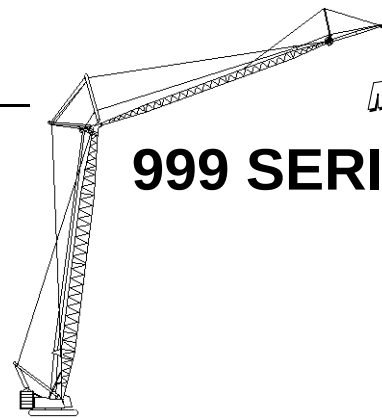
54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	8 400*	54.0
56.0	28.0	84.1	6 200*	36.9	91.3	7 400*	53.7	100.4	8 300*	56.0
58.0	23.3	79.8	5 900*	33.4	88.4	7 200*	51.2	98.8	8 200	58.0
60.0	17.6	74.3	5 600*	29.6	85.1	7 000*	48.6	97.1	7 800	60.0
62.0	8.4	65.3	5 400*	25.2	81.2	6 800*	45.9	95.3	7 400	62.0
64.0				20.0	76.2	6 700*	43.1	93.2	7 000	64.0
68.0							36.9	88.3	6 400	68.0
72.0							29.6	82.1	5 800	72.0
76.0							20.1	73.3	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

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



999 SERIES 3

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

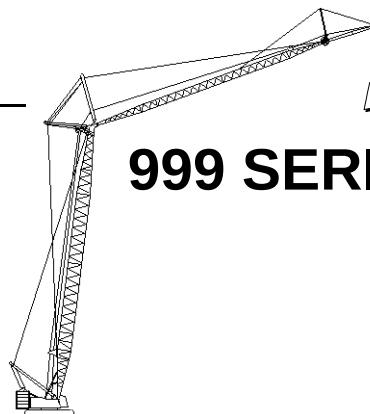
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	7 400*	56.0
58.0	29.3	86.8	5 700*	37.5	93.7	7 100*	53.5	102.7	7 300*	58.0
60.0	25.2	82.9	5 500*	34.3	90.9	6 900*	51.1	101.1	7 200*	60.0
62.0	20.2	78.0	5 300*	30.8	87.7	6 700*	48.7	99.4	7 200	62.0
64.0	13.6	71.2	5 100*	26.8	84.0	6 600*	46.1	97.6	6 900	64.0
68.0				16.5	73.7	6 400*	40.6	93.3	6 200	68.0
72.0							34.4	87.9	5 700	72.0
76.0							26.9	81.1	5 200	76.0
80.0							16.6	70.8	4 700	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

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



999 SERIES 3

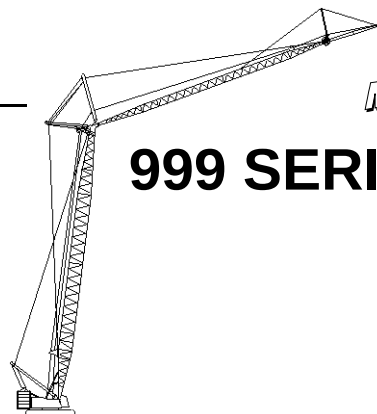
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 400*	68.0
72.0							23.7	75.1	6 000	72.0
76.0							7.0	59.6	5 500	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

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



999 SERIES 3

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

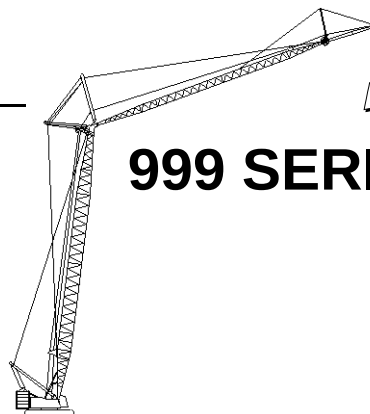
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 600*	64.0
68.0							37.3	88.3	6 200*	68.0
72.0							30.0	82.1	5 900*	72.0
76.0							20.4	73.2	5 500	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

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



999 SERIES 3

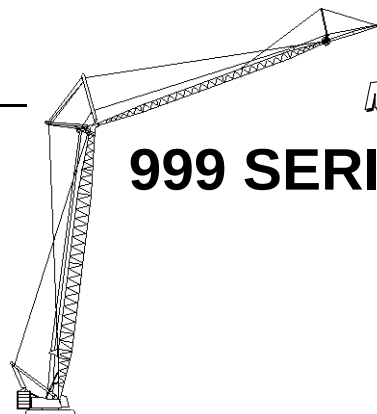
54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 700*	62.0
64.0	13.9	71.1	4 900*	27.2	84.0	5 500*	46.5	97.5	6 500*	64.0
68.0				16.8	73.7	5 300*	41.0	93.2	6 100*	68.0
72.0							34.7	87.9	5 800	72.0
76.0							27.3	81.0	5 300	76.0
80.0							16.9	70.8	4 800	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

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



999 SERIES 3

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

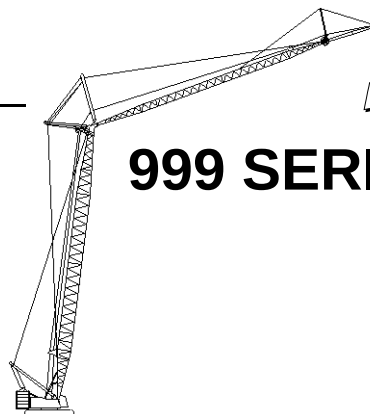
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 500*	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	6 400*	62.0
64.0	22.7	81.2	4 800*	32.2	90.3	5 400*	49.0	101.7	6 300*	64.0
68.0	8.9	66.3	4 400*	24.5	82.6	5 200*	44.0	97.8	6 000*	68.0
72.0				12.8	70.2	5 000*	38.6	93.1	5 700	72.0
76.0							32.3	87.3	5 200	76.0
80.0							24.6	79.7	4 800	80.0
84.0							13.0	67.3	4 300	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

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



999 SERIES 3

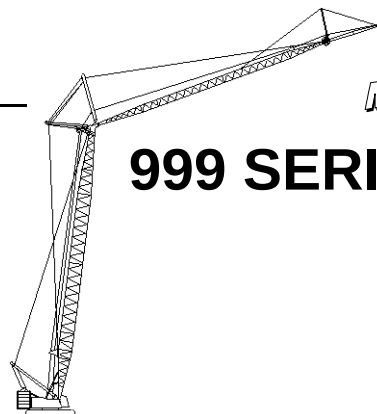
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

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

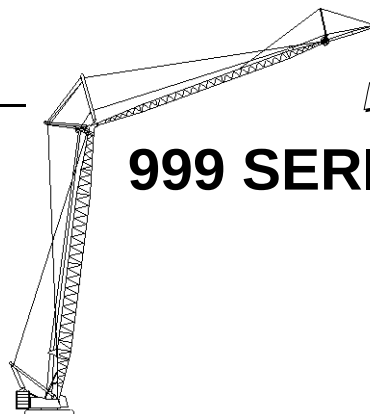
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 600*	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

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



999 SERIES 3

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

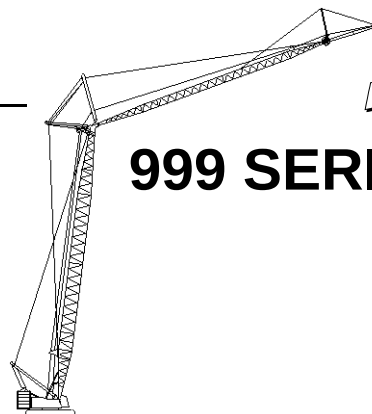
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 500*	80.0
84.0							13.1	67.4	4 300*	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

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



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

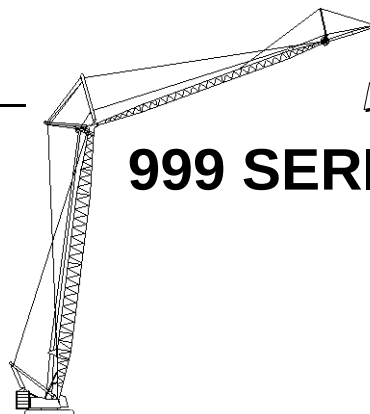
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 600*	60.0
62.0	32.0	92.1	4 400*	39.1	98.5	4 700*	53.5	107.3	5 500*	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	4 600*	76.0
80.0							30.0	86.5	4 400*	80.0
84.0							21.9	78.0	4 300*	84.0
88.0							7.8	61.9	4 000	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

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



999 SERIES 3

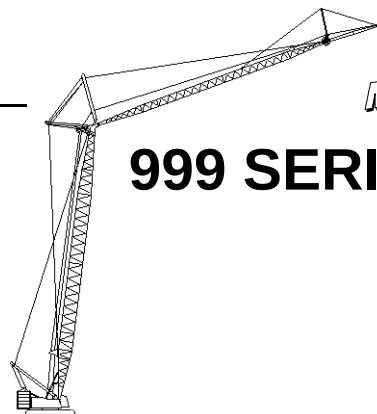
54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

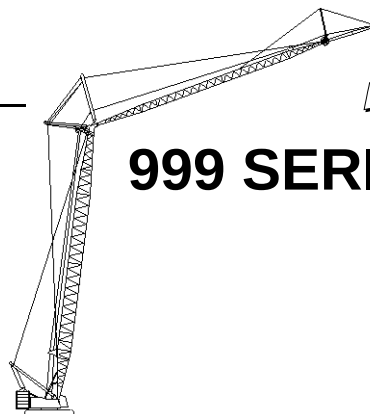
54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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

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



999 SERIES 3

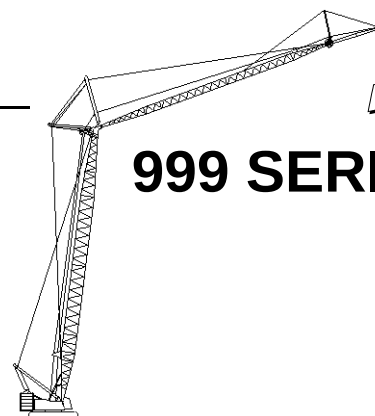
54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

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

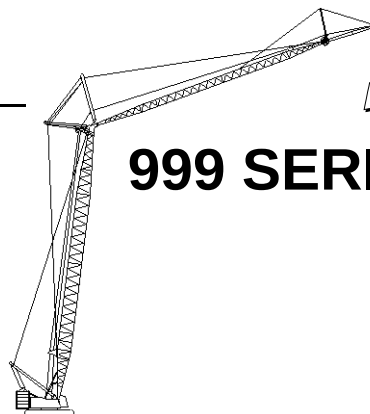
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	3 500*	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

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



999 SERIES 3

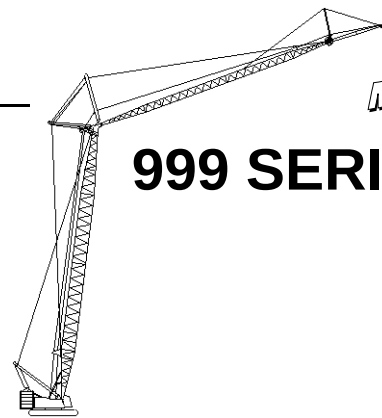
57.9m (190 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	9 600	52.0
54.0	18.6	76.5	6 600*	31.9	87.0	7 800*	53.0	97.9	9 000	54.0
56.0	9.0	68.0	6 300*	27.4	83.4	7 600*	50.1	96.3	8 600	56.0
58.0				22.0	78.9	7 400*	47.2	94.5	8 200	58.0
60.0				14.8	72.7	7 200*	44.1	92.5	7 800	60.0
62.0							40.8	90.3	7 400	62.0
64.0							37.2	87.8	7 000	64.0
68.0							29.1	81.5	6 400	68.0
72.0							17.7	72.0	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

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



999 SERIES 3

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

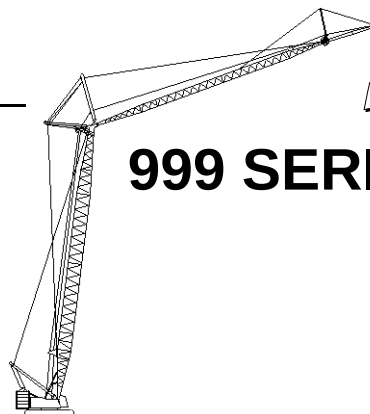
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	9 000	54.0
56.0	21.4	80.0	6 200*	33.0	89.5	7 500*	52.7	100.2	8 500	56.0
58.0	14.4	73.6	5 900*	29.0	86.1	7 300*	50.1	98.6	8 100	58.0
60.0				24.2	82.0	7 100*	47.3	96.8	7 700	60.0
62.0				18.4	76.7	7 000*	44.4	94.8	7 300	62.0
64.0				9.3	68.3	6 800*	41.3	92.6	7 000	64.0
68.0							34.4	87.4	6 300	68.0
72.0							26.0	80.4	5 800	72.0
76.0							13.3	68.8	5 200	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

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



999 SERIES 3

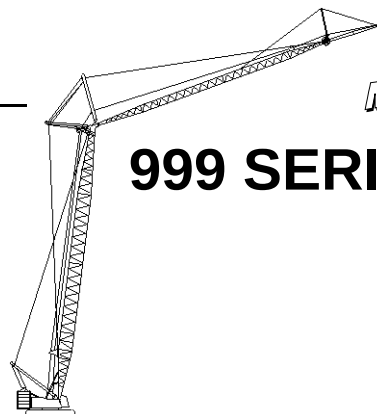
57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	10 500*				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	8 300	56.0
58.0	23.6	83.1	5 700*	34.1	92.0	7 200*	52.6	102.5	7 900	58.0
60.0	17.9	77.7	5 500*	30.3	88.8	7 000*	50.0	100.9	7 500	60.0
62.0	9.2	69.1	5 300*	26.1	85.0	6 900*	47.4	99.1	7 200	62.0
64.0				21.0	80.3	6 800*	44.6	97.2	6 800	64.0
68.0							38.6	92.6	6 200	68.0
72.0							31.7	86.8	5 600	72.0
76.0							22.9	78.9	5 100	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

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



999 SERIES 3

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

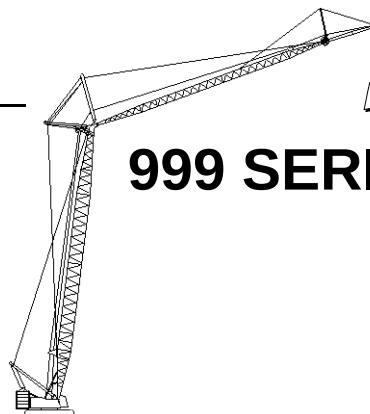
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	7 200*	58.0
60.0	25.4	86.1	5 300*	34.9	94.5	6 900*	52.4	104.8	7 100*	60.0
62.0	20.5	81.3	5 100*	31.5	91.4	6 800*	50.0	103.2	7 000	62.0
64.0	14.1	74.7	4 900*	27.6	87.8	6 600*	47.5	101.4	6 700	64.0
68.0				17.7	78.0	6 400*	42.1	97.3	6 100	68.0
72.0							36.1	92.3	5 500	72.0
76.0							29.0	85.9	5 000	76.0
80.0							19.8	76.9	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

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



999 SERIES 3

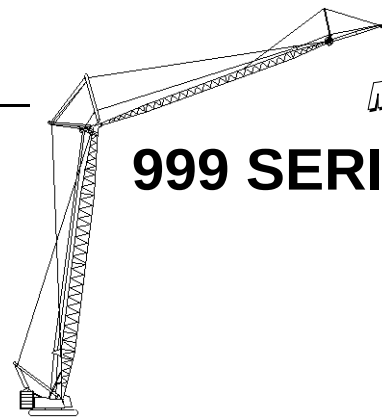
57.9m (190 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	8 200*	54.0
56.0	21.8	79.9	5 800*	33.4	89.5	6 300*	53.2	100.2	7 900*	56.0
58.0	14.8	73.5	5 700*	29.3	86.1	6 100*	50.5	98.6	7 600*	58.0
60.0				24.6	82.0	5 900*	47.7	96.8	7 400*	60.0
62.0				18.7	76.7	5 800*	44.8	94.8	7 100*	62.0
64.0				9.6	68.2	5 700*	41.7	92.6	6 800*	64.0
68.0							34.8	87.4	6 400	68.0
72.0							26.4	80.3	5 900	72.0
76.0							13.6	68.8	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

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



999 SERIES 3

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

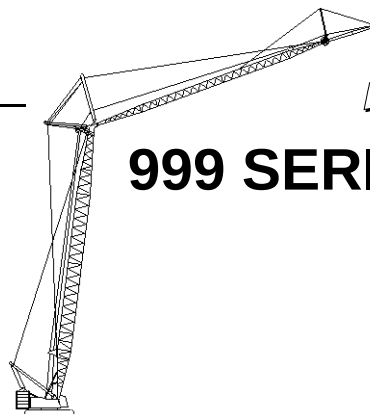
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	7 700*	56.0
58.0	24.0	83.1	5 600*	34.4	92.0	6 000*	52.9	102.5	7 500*	58.0
60.0	18.3	77.7	5 300*	30.7	88.8	5 900*	50.4	100.9	7 200*	60.0
62.0	9.5	69.0	5 100*	26.4	84.9	5 700*	47.8	99.1	6 900*	62.0
64.0				21.4	80.2	5 600*	45.0	97.1	6 800*	64.0
68.0							39.0	92.5	6 400*	68.0
72.0							32.1	86.8	5 800	72.0
76.0							23.3	78.8	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

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



999 SERIES 3

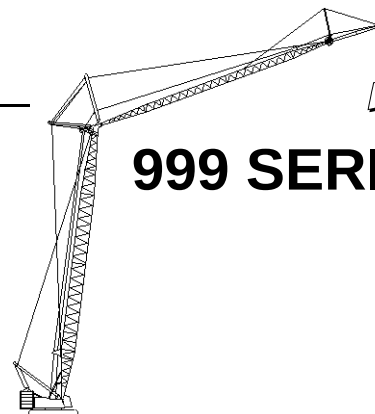
57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	7 200*	58.0
60.0	25.8	86.1	5 200*	35.3	94.5	5 800*	52.7	104.8	7 100*	60.0
62.0	20.9	81.3	5 000*	31.8	91.4	5 600*	50.3	103.2	6 800*	62.0
64.0	14.4	74.6	4 800*	28.0	87.8	5 500*	47.8	101.4	6 600*	64.0
68.0				18.0	77.9	5 300*	42.5	97.3	6 200	68.0
72.0							36.4	92.3	5 700	72.0
76.0							29.4	85.9	5 100	76.0
80.0							20.2	76.9	4 700	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

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



999 SERIES 3

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

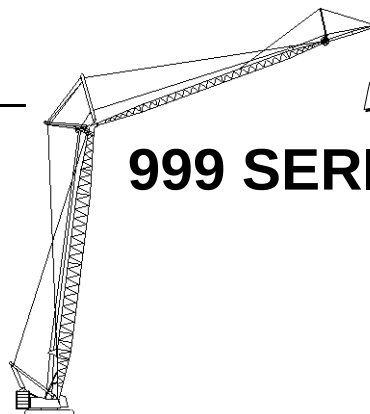
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 400*	60.0
62.0	27.3	89.0	4 900*	36.0	96.9	5 600*	52.6	107.1	6 400*	62.0
64.0	23.0	84.6	4 700*	32.8	93.9	5 400*	50.3	105.5	6 300*	64.0
68.0	9.5	70.1	4 300*	25.3	86.5	5 200*	45.4	101.8	6 100	68.0
72.0				14.3	74.9	5 000*	40.0	97.3	5 500	72.0
76.0							34.0	91.8	5 100	76.0
80.0							26.8	84.8	4 600	80.0
84.0							16.8	74.4	4 100	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

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



999 SERIES 3

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

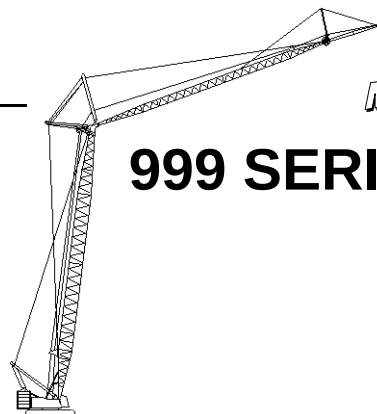
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 900*	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

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



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

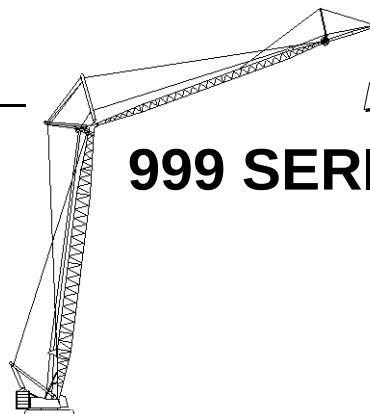
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 900*	76.0
80.0							20.3	76.9	4 600*	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

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



999 SERIES 3

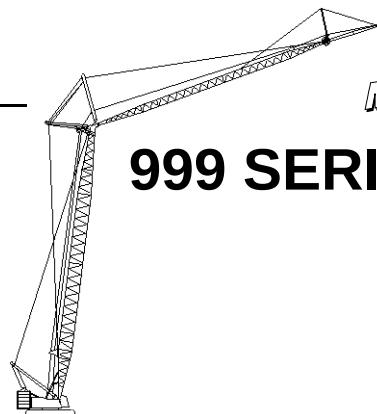
57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 400*	68.0
72.0				14.4	74.9	4 300*	40.1	97.3	5 100*	72.0
76.0							34.1	91.8	4 800*	76.0
80.0							26.9	84.8	4 600*	80.0
84.0							16.9	74.4	4 300	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

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



999 SERIES 3

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

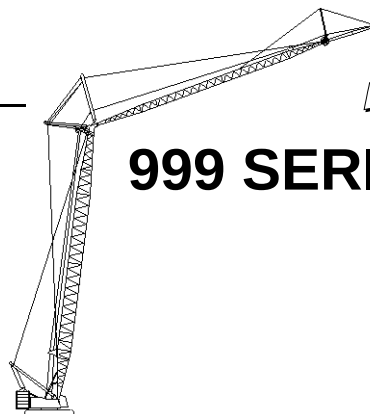
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 500*	62.0
64.0	28.7	91.8	4 300*	36.8	99.4	4 600*	52.5	109.4	5 400*	64.0
68.0	20.2	82.6	4 100*	30.5	93.2	4 400*	48.0	106.0	5 300*	68.0
72.0				22.7	84.9	4 200*	43.2	102.0	5 000*	72.0
76.0				9.8	70.4	4 100*	37.8	97.1	4 700*	76.0
80.0							31.7	91.2	4 500*	80.0
84.0							24.3	83.4	4 200	84.0
88.0							13.1	71.0	3 800	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

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



999 SERIES 3

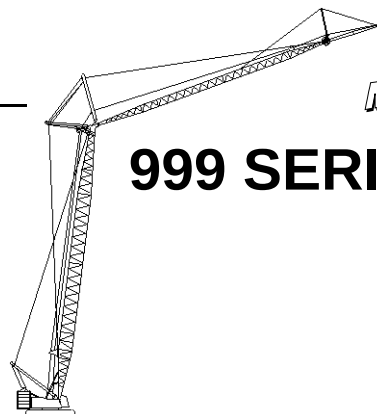
57.9m (190 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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



999 SERIES 3

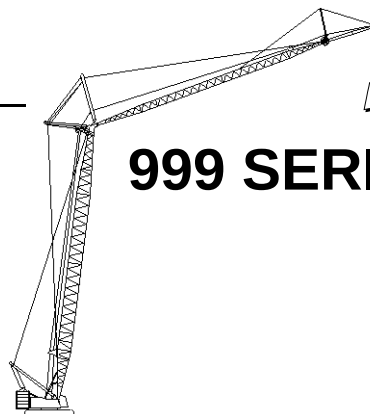
57.9m (190 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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

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

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



999 SERIES 3

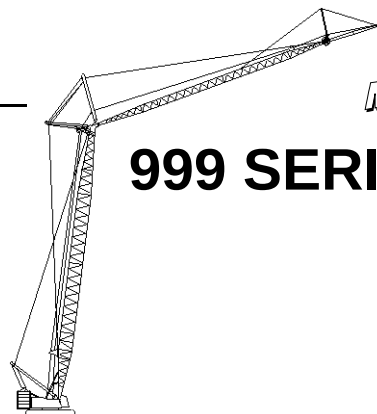
57.9m (190 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 000*	80.0
84.0							24.1	83.4	3 800*	84.0
88.0							13.0	71.0	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

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



999 SERIES 3

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

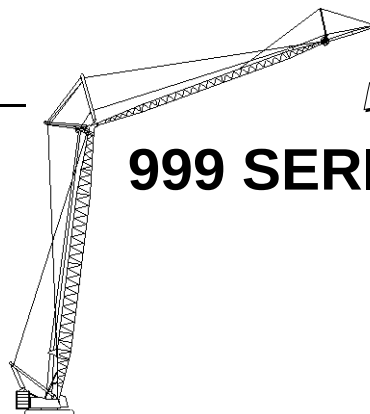
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	3 900*	80.0
84.0							29.3	90.4	3 800*	84.0
88.0							21.5	81.7	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

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



999 SERIES 3

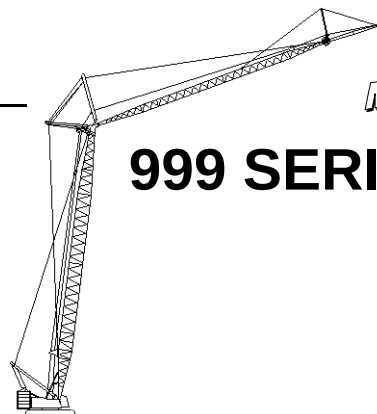
61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	9 300	52.0
54.0	19.0	79.8	6 500*	32.7	90.6	7 900*	54.4	101.6	8 800	54.0
56.0	9.8	71.7	6 200*	28.3	87.1	7 600*	51.6	100.0	8 300	56.0
58.0				23.1	82.8	7 400*	48.7	98.3	7 900	58.0
60.0				16.4	77.1	7 300*	45.7	96.4	7 500	60.0
62.0							42.5	94.3	7 200	62.0
64.0							39.1	92.0	6 800	64.0
68.0							31.4	86.2	6 200	68.0
72.0							21.2	77.9	5 600	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

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



999 SERIES 3

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

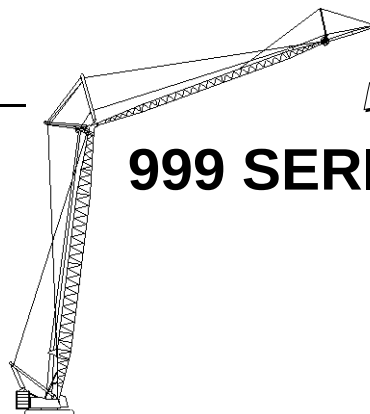
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	8 700	54.0
56.0	21.7	83.3	6 000*	33.8	93.1	7 500*	54.1	103.9	8 300	56.0
58.0	14.9	77.0	5 700*	29.8	89.8	7 300*	51.5	102.3	7 900	58.0
60.0				25.2	85.9	7 200*	48.7	100.6	7 500	60.0
62.0				19.6	80.9	7 000*	45.9	98.8	7 100	62.0
64.0				11.6	73.4	6 800*	42.9	96.7	6 800	64.0
68.0							36.3	91.7	6 200	68.0
72.0							28.4	85.3	5 600	72.0
76.0							17.5	75.6	5 100	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

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



999 SERIES 3

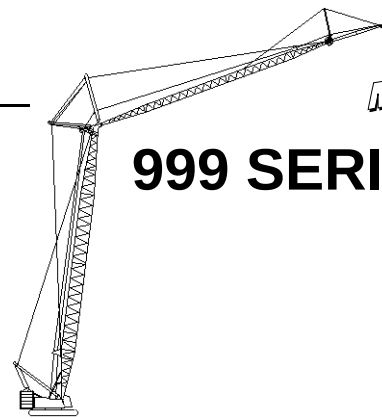
61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	7 900*	56.0
58.0	23.9	86.4	5 600*	34.7	95.6	7 200*	53.8	106.2	7 700	58.0
60.0	18.3	81.1	5 400*	31.0	92.4	7 100*	51.3	104.6	7 300	60.0
62.0	9.8	72.8	5 200*	26.9	88.8	6 900*	48.8	102.9	6 900	62.0
64.0				22.0	84.3	6 800*	46.1	101.1	6 600	64.0
68.0							40.2	96.7	6 000	68.0
72.0							33.6	91.3	5 400	72.0
76.0							25.5	84.1	4 900	76.0
80.0							13.3	72.4	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

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



999 SERIES 3

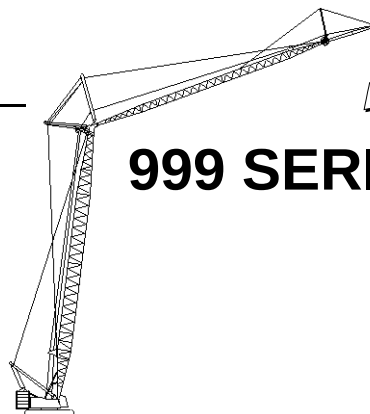
61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 900*	58.0
60.0	25.7	89.4	5 200*	35.5	98.1	6 900*	53.6	108.5	6 800*	60.0
62.0	20.8	84.6	5 000*	32.1	95.0	6 800*	51.2	106.9	6 700	62.0
64.0	14.5	78.2	4 800*	28.4	91.5	6 700*	48.8	105.2	6 400	64.0
68.0				18.8	82.2	6 300*	43.5	101.3	5 800	68.0
72.0							37.7	96.6	5 300	72.0
76.0							31.0	90.6	4 800	76.0
80.0							22.6	82.6	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

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



999 SERIES 3

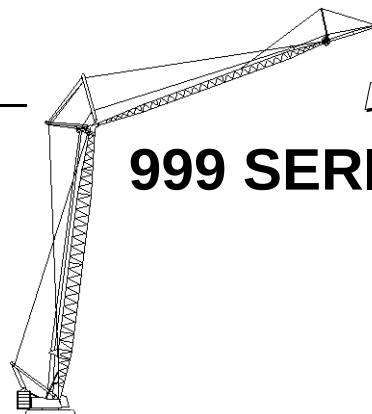
61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	8 400*	54.0
56.0	22.1	83.2	5 800*	34.2	93.1	6 300*	54.5	103.9	8 100*	56.0
58.0	15.2	77.0	5 500*	30.1	89.8	6 200*	51.9	102.3	7 800*	58.0
60.0				25.5	85.8	6 000*	49.2	100.6	7 500*	60.0
62.0				20.0	80.8	5 800*	46.3	98.7	7 200	62.0
64.0				11.9	73.4	5 700*	43.3	96.7	6 800	64.0
68.0							36.7	91.7	6 300	68.0
72.0							28.8	85.3	5 700	72.0
76.0							17.9	75.6	5 200	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

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



999 SERIES 3

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

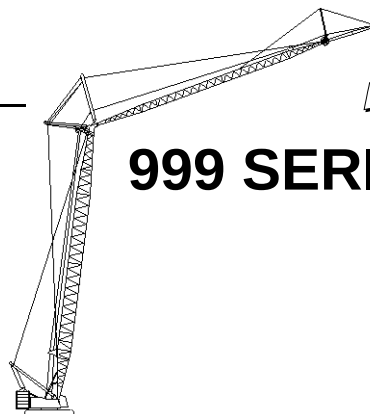
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	7 800*	56.0
58.0	24.2	86.4	5 500*	35.1	95.6	6 100*	54.2	106.2	7 600*	58.0
60.0	18.6	81.1	5 200*	31.4	92.4	5 900*	51.7	104.6	7 300*	60.0
62.0	10.1	72.7	5 000*	27.3	88.7	5 700*	49.1	102.9	7 100*	62.0
64.0				22.4	84.2	5 600*	46.4	101.0	6 800	64.0
68.0							40.6	96.7	6 200	68.0
72.0							34.0	91.3	5 600	72.0
76.0							25.9	84.1	5 100	76.0
80.0							13.7	72.4	4 700	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

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



999 SERIES 3

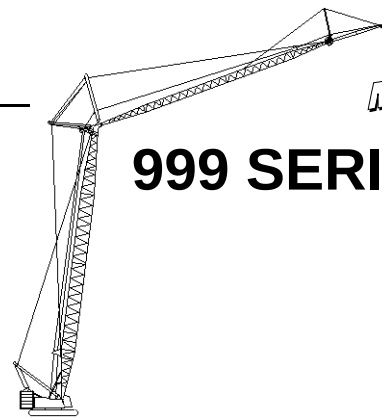
61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	7 200*	58.0
60.0	26.0	89.4	5 100*	35.9	98.0	5 800*	54.0	108.5	7 100*	60.0
62.0	21.2	84.6	4 900*	32.5	95.0	5 700*	51.6	106.9	7 000	62.0
64.0	14.8	78.1	4 700*	28.7	91.5	5 500*	49.1	105.2	6 600	64.0
68.0				19.2	82.1	5 300*	43.9	101.3	6 000	68.0
72.0							38.1	96.6	5 500	72.0
76.0							31.4	90.6	5 000	76.0
80.0							22.9	82.5	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

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



999 SERIES 3

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

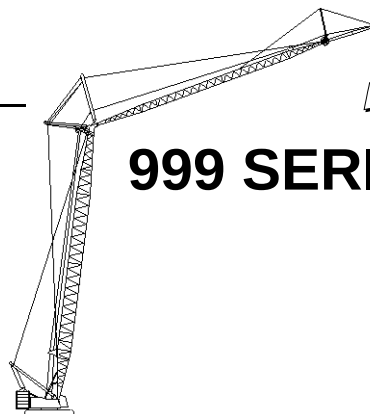
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 300*	60.0
62.0	27.5	92.2	4 800*	36.6	100.5	5 600*	53.7	110.8	6 300*	62.0
64.0	23.2	87.9	4 500*	33.4	97.5	5 400*	51.5	109.2	6 200*	64.0
68.0	10.1	73.8	4 200*	26.1	90.3	5 200*	46.7	105.7	5 900	68.0
72.0				15.7	79.4	5 000*	41.5	101.4	5 300	72.0
76.0							35.7	96.2	4 800	76.0
80.0							28.8	89.7	4 400	80.0
84.0							19.9	80.5	4 000	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

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



999 SERIES 3

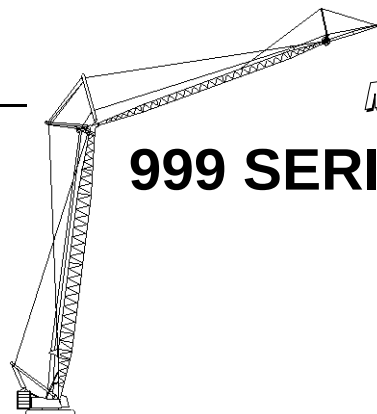
61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 600*	60.0
62.0	10.3	72.7	4 700*	27.4	88.7	5 000*	49.2	102.9	6 300*	62.0
64.0				22.5	84.2	4 900*	46.5	101.0	6 100*	64.0
68.0							40.7	96.7	5 700*	68.0
72.0							34.1	91.3	5 300*	72.0
76.0							26.0	84.1	5 000*	76.0
80.0							13.8	72.4	4 800	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

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



999 SERIES 3

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

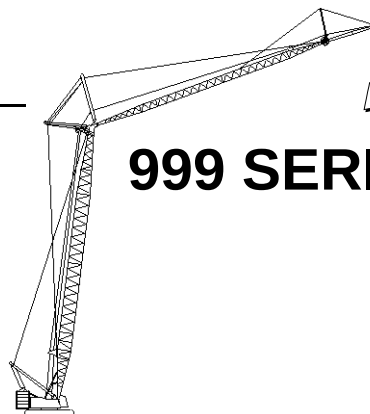
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 400*	60.0
62.0	21.2	84.6	4 600*	32.6	95.0	4 900*	51.7	106.9	6 200*	62.0
64.0	14.9	78.1	4 500*	28.8	91.5	4 800*	49.2	105.2	6 000*	64.0
68.0				19.3	82.1	4 600*	44.0	101.3	5 600*	68.0
72.0							38.2	96.6	5 200*	72.0
76.0							31.5	90.6	4 900*	76.0
80.0							23.0	82.5	4 700	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

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



999 SERIES 3

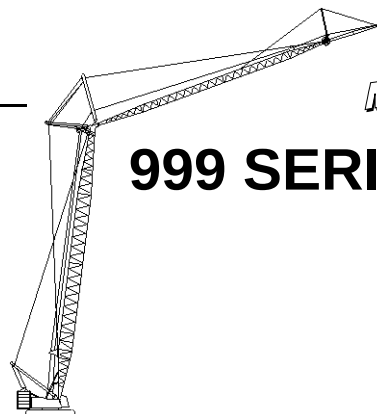
61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	6 000*	62.0
64.0	23.3	87.9	4 400*	33.5	97.6	4 800*	51.6	109.2	5 800*	64.0
68.0	10.2	73.8	4 100*	26.2	90.3	4 500*	46.8	105.7	5 500*	68.0
72.0				15.8	79.4	4 300*	41.6	101.4	5 200*	72.0
76.0							35.8	96.3	4 900*	76.0
80.0							28.9	89.7	4 600	80.0
84.0							20.0	80.5	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

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



999 SERIES 3

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

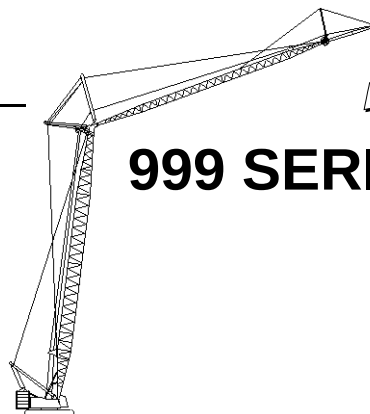
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	5 500*	62.0
64.0	28.9	95.0	4 300*	37.3	102.9	4 700*	53.6	113.1	5 400*	64.0
68.0	20.5	85.9	4 000*	31.2	96.9	4 400*	49.2	109.8	5 300*	68.0
72.0				23.5	88.8	4 200*	44.5	106.0	5 000*	72.0
76.0				11.7	75.5	4 100*	39.3	101.4	4 800*	76.0
80.0							33.4	95.7	4 400	80.0
84.0							26.4	88.5	4 000	84.0
88.0							16.8	78.0	3 700	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

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



999 SERIES 3

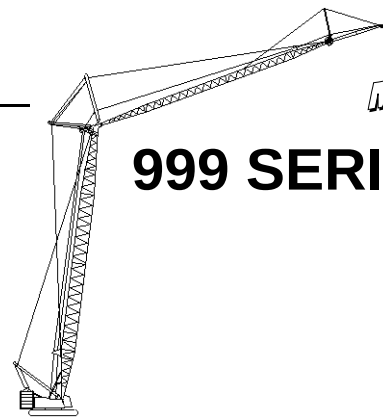
61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 500*	76.0
80.0							22.8	82.6	4 200*	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

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



999 SERIES 3

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

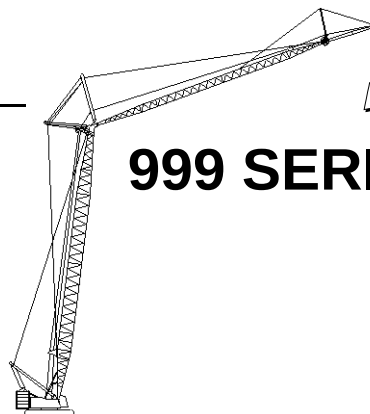
Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 400*	76.0
80.0							28.8	89.7	4 100*	80.0
84.0							19.8	80.6	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

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



999 SERIES 3

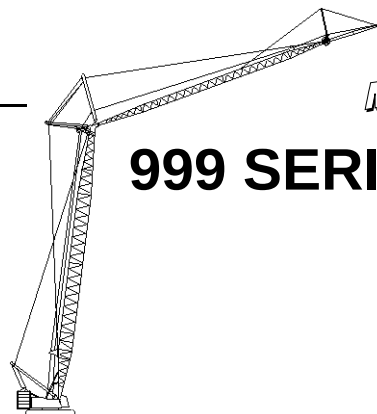
61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Rad. Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Meters
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 600*	72.0
76.0				11.6	75.6	3 600*	39.1	101.4	4 300*	76.0
80.0							33.3	95.8	4 100*	80.0
84.0							26.2	88.6	3 900*	84.0
88.0							16.6	78.0	3 700*	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

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



999 SERIES 3

61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 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 Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Meters	Fixed Jib Capacity Kilograms	Luffing Jib Angle 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	4 300*	72.0
76.0				20.7	87.0	3 500*	42.1	106.1	4 200*	76.0
80.0							36.9	101.2	4 000*	80.0
84.0							31.0	95.1	3 800*	84.0
88.0							23.7	87.1	3 600*	88.0
92.0							13.1	74.6	3 300	92.0