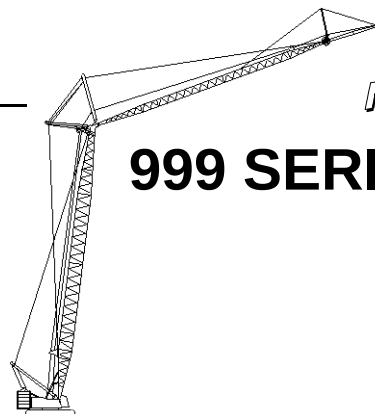


Liftcrane Fixed Jib Capacities

**Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating**

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



999 SERIES 3

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, luffing jib angles, fixed jib lengths, and fixed jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

190 Ft. 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:

- 190 Ft. and 200 Ft. boom lengths with intermediate fall in luffing jib and
- 200 Ft. 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 1/2 in. in 10 Ft. 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

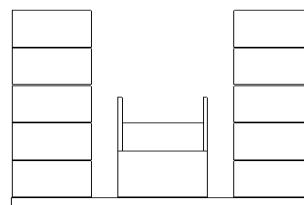
of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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 28 Ft. 2 in. crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, boom support straps or four 1-3/8 in. boom pendants, 8 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, 219,600 Lb. crane counterweight, two 22,000 Lb. and two 18,000 Lb. carbody counterweights.

Maximum capacity on 26 mm wire rope is 27,500 Lbs. per line (20,000 Lbs. on 26 mm or 1 in. wire rope when auxiliary drum is used).

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



219,600 Lb. Crane Counterweight
10 Side Boxes - 1 Center Box

Intermediate Fall Deduct

Deduct 1,000 Lbs. from capacities when luffing jib is equipped with intermediate fall.

Boom Catwalks Deduct

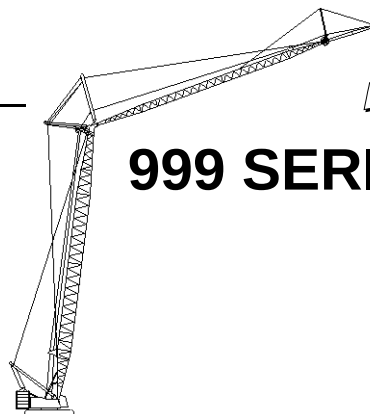
Deduct 300 Lbs. from capacities when boom catwalks are attached.



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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999 SERIES 3

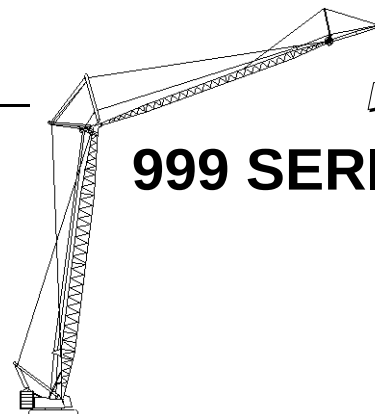
160 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	74.8	332.4	27,500*							60
65	73.1	330.9	27,200*							65
70	71.3	329.3	26,900*							70
75	69.5	327.4	26,600*							75
80	67.7	325.4	26,400*							80
85	65.9	323.2	26,100*	70.9	327.6	27,000*				85
90	64.0	320.8	25,800*	69.1	325.7	26,800*				90
95	62.1	318.2	24,800*	67.3	323.7	26,600*				95
100	60.2	315.4	23,900*	65.5	321.4	26,400*				100
105	58.2	312.4	23,100*	63.6	319.0	26,000*				105
110	56.2	309.1	22,300*	61.7	316.3	25,000*				110
115	54.2	305.5	21,600*	59.8	313.5	24,100*				115
120	52.1	301.7	20,900*	57.8	310.4	23,300*				120
125	49.9	297.6	20,300*	55.8	307.0	22,500*				125
130	47.6	293.1	19,700*	53.7	303.4	21,800*				130
135	45.3	288.3	19,200*	51.6	299.5	21,100*				135
140	42.9	283.0	18,700*	49.4	295.3	20,500*				140
145	40.3	277.2	18,200*	47.1	290.8	19,900*				145
150	37.6	270.9	17,800*	44.8	285.8	19,400*				150
155	34.8	264.0	17,400*	42.3	280.5	18,800*	57.8	301.5	23,200*	155
160	31.6	256.2	17,000*	39.7	274.6	18,400*	55.8	298.1	22,500*	160
165	28.2	247.3	16,700*	37.0	268.2	17,900*	53.8	294.5	21,800*	165
170	24.4	236.9	16,400*	34.1	261.0	17,500*	51.6	290.7	21,200*	170
175	19.8	224.2	15,900*	30.9	253.0	17,100*	49.4	286.5	20,600*	175
180	13.8	207.1	15,300*	27.4	243.8	16,800*	47.2	281.9	20,100*	180
185				23.4	233.1	16,500*	44.8	277.0	19,500*	185
190				18.6	219.7	16,200*	42.4	271.6	19,000*	190
195				12.1	200.7	15,900*	39.8	265.8	18,600*	195
200							37.1	259.4	18,100*	200
205							34.2	252.2	17,700*	205
210							31.0	244.2	17,300	210
220							23.5	224.4	16,100	220
230							12.3	192.3	15,000	230

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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999 SERIES 3

160 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

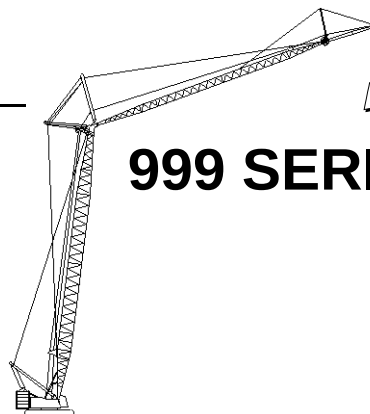
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.7	342.8	27,000*							60
65	74.0	341.4	26,700*							65
70	72.4	339.8	26,400*							70
75	70.7	338.1	26,100*							75
80	69.0	336.2	25,900*							80
85	67.3	334.2	25,700*							85
90	65.6	331.9	25,300*	70.3	336.4	26,200*				90
95	63.8	329.5	24,400*	68.6	334.5	26,000*				95
100	62.0	326.9	23,500*	66.9	332.4	25,900*				100
105	60.2	324.1	22,700*	65.2	330.1	25,400*				105
110	58.3	321.0	22,000*	63.4	327.7	24,500*				110
115	56.4	317.8	21,300*	61.6	325.0	23,700*				115
120	54.5	314.3	20,600*	59.8	322.1	22,900*				120
125	52.5	310.5	20,000*	57.9	319.0	22,100*				125
130	50.5	306.4	19,500*	56.0	315.7	21,400*				130
135	48.4	302.1	18,900*	54.1	312.2	20,800*				135
140	46.2	297.4	18,500*	52.1	308.3	20,200*				140
145	44.0	292.3	18,000*	50.0	304.2	19,600*				145
150	41.6	286.8	17,600*	47.9	299.8	19,100*				150
155	39.1	280.8	17,200*	45.7	295.0	18,600*				155
160	36.5	274.2	16,800*	43.5	289.8	18,100*	58.0	310.2	21,900*	160
165	33.7	267.0	16,500*	41.1	284.2	17,700*	56.1	306.8	21,400*	165
170	30.7	258.9	16,100*	38.6	278.1	17,300*	54.1	303.3	20,800*	170
175	27.4	249.7	15,700*	35.9	271.4	16,900*	52.1	299.5	20,200*	175
180	23.7	239.0	15,100*	33.1	264.0	16,600*	50.1	295.4	19,700*	180
185	19.2	225.9	14,500*	30.0	255.7	16,200*	48.0	290.9	19,200*	185
190	13.4	208.2	14,000*	26.6	246.2	15,900*	45.8	286.2	18,700*	190
195				22.8	235.0	15,700*	43.5	281.0	18,300*	195
200				18.1	221.2	15,400*	41.1	275.4	17,900*	200
205				11.7	201.7	15,200*	38.6	269.3	17,500*	205
210							36.0	262.6	17,100*	210
220							30.1	246.9	16,000	220
230							22.8	226.4	15,000	230
240							11.9	193.3	13,900	240



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
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999 SERIES 3

160 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

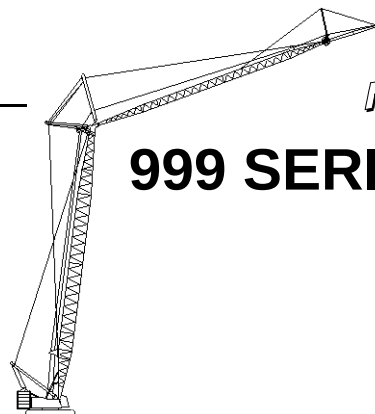
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.9	351.8	26,000*							65
70	73.3	350.3	25,800*							70
75	71.7	348.7	25,600*							75
80	70.1	346.9	25,300*							80
85	68.5	345.0	25,100*							85
90	66.9	342.9	24,700*							90
95	65.3	340.6	23,800*	69.8	345.2	24,600*				95
100	63.6	338.2	23,000*	68.2	343.3	24,400*				100
105	61.9	335.6	22,300*	66.6	341.1	24,200*				105
110	60.2	332.7	21,600*	64.9	338.8	24,000*				110
115	58.4	329.7	20,900*	63.2	336.3	23,200*				115
120	56.6	326.5	20,300*	61.5	333.7	22,400*				120
125	54.8	323.0	19,700*	59.8	330.8	21,700*				125
130	52.9	319.3	19,200*	58.0	327.7	21,100*				130
135	51.0	315.3	18,700*	56.2	324.4	20,500*				135
140	49.0	311.0	18,200*	54.4	320.9	19,900*				140
145	47.0	306.4	17,800*	52.5	317.1	19,300*				145
150	44.9	301.5	17,400*	50.6	313.1	18,800*				150
155	42.7	296.2	17,000*	48.6	308.7	18,400*				155
160	40.4	290.5	16,600*	46.6	304.1	17,900*				160
165	38.0	284.3	16,300*	44.4	299.1	17,500*				165
170	35.5	277.4	15,900*	42.2	293.7	17,100*	56.3	315.5	19,600*	170
175	32.8	269.9	15,300*	39.9	287.9	16,700*	54.4	312.0	19,500*	175
180	29.9	261.5	14,800*	37.5	281.5	16,400*	52.6	308.3	19,300*	180
185	26.7	252.0	14,200*	34.9	274.6	16,100*	50.6	304.2	18,900*	185
190	23.0	241.0	13,700*	32.2	266.9	15,800*	48.7	299.9	18,400*	190
195	18.7	227.5	13,200*	29.2	258.3	15,500*	46.6	295.2	18,000*	195
200	13.0	209.3	12,800*	25.9	248.5	15,200*	44.5	290.3	17,600*	200
205				22.1	237.0	15,000*	42.3	284.9	17,200*	205
210				17.6	222.8	14,800*	40.0	279.0	16,900	210
220							35.0	265.8	15,700	220
230							29.3	249.5	14,600	230
240							22.2	228.3	13,600	240
250							11.6	194.3	12,700	250

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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160 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

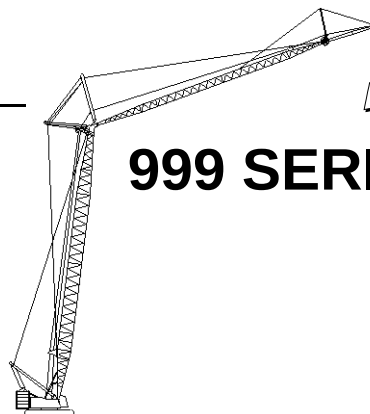
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.7	362.2	23,700*							65
70	74.2	360.8	23,700*							70
75	72.7	359.2	23,200*							75
80	71.2	357.6	22,800*							80
85	69.7	355.7	22,600*							85
90	68.1	353.8	22,300*							90
95	66.6	351.6	22,000*	70.8	355.9	21,900*				95
100	65.0	349.3	21,800*	69.3	354.0	21,700*				100
105	63.4	346.9	21,500*	67.8	352.0	21,500*				105
110	61.8	344.2	21,100*	66.2	349.8	21,300*				110
115	60.2	341.4	20,400*	64.7	347.5	21,100*				115
120	58.5	338.4	19,900*	63.1	345.0	20,900*				120
125	56.8	335.1	19,300*	61.4	342.3	20,700*				125
130	55.1	331.7	18,800*	59.8	339.4	20,500*				130
135	53.3	328.0	18,300*	58.1	336.4	20,000*				135
140	51.5	324.1	17,900*	56.4	333.1	19,500*				140
145	49.6	319.9	17,500*	54.7	329.6	18,900*				145
150	47.7	315.5	17,100*	52.9	325.9	18,500*				150
155	45.8	310.7	16,700*	51.1	321.9	18,000*				155
160	43.7	305.5	16,300*	49.2	317.7	17,600*				160
165	41.6	300.0	15,900*	47.3	313.1	17,200*				165
170	39.4	294.1	15,400*	45.3	308.3	16,800*				170
175	37.0	287.6	14,900*	43.2	303.1	16,500*	56.5	324.2	17,100*	175
180	34.6	280.5	14,300*	41.1	297.5	16,100*	54.7	320.7	17,000*	180
185	31.9	272.8	13,800*	38.9	291.4	15,800*	53.0	317.0	16,900*	185
190	29.1	264.1	13,400*	36.5	284.8	15,500*	51.1	313.1	16,800*	190
195	26.0	254.3	12,900*	34.0	277.6	15,300*	49.3	308.8	16,700*	195
200	22.4	243.0	12,500*	31.3	269.7	15,000*	47.3	304.3	16,600*	200
205	18.2	229.1	12,100*	28.4	260.8	14,800*	45.4	299.4	16,500*	205
210	12.7	210.4	11,800*	25.2	250.7	14,500*	43.3	294.2	16,400*	210
220				17.1	224.2	14,200*	38.9	282.6	15,400	220
230							34.1	268.8	14,400	230
240							28.5	252.0	13,400	240
250							21.6	230.2	12,500	250
260							11.3	195.2	11,600	260



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
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219,600 Lb. Crane Counterweight
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999 SERIES 3

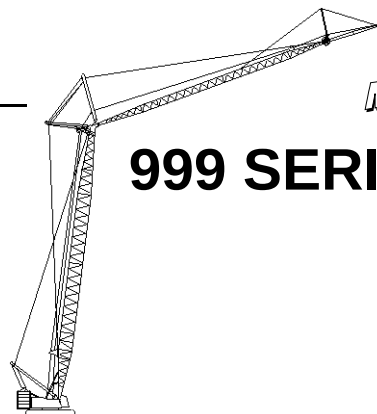
160 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.4	341.3	22,700*							65
70	72.8	339.8	22,400*							70
75	71.1	338.1	22,200*							75
80	69.4	336.2	21,900*							80
85	67.7	334.1	21,700*							85
90	66.0	331.9	21,400*	70.7	336.4	22,300*				90
95	64.2	329.5	21,000*	69.0	334.4	22,000*				95
100	62.4	326.8	20,200*	67.3	332.3	21,800*				100
105	60.6	324.0	19,500*	65.6	330.1	21,600*				105
110	58.7	321.0	18,800*	63.8	327.6	21,100*				110
115	56.9	317.7	18,200*	62.0	324.9	20,400*				115
120	54.9	314.2	17,600*	60.2	322.1	19,600*				120
125	52.9	310.4	17,100*	58.3	319.0	18,900*				125
130	50.9	306.4	16,600*	56.4	315.7	18,300*				130
135	48.8	302.0	16,100*	54.5	312.1	17,700*				135
140	46.6	297.3	15,600*	52.5	308.3	17,200*				140
145	44.4	292.2	15,200*	50.4	304.1	16,700*				145
150	42.0	286.7	14,800*	48.3	299.7	16,200*				150
155	39.5	280.7	14,500*	46.1	294.9	15,700*				155
160	36.9	274.2	14,100*	43.9	289.8	15,300*				160
165	34.1	266.9	13,800*	41.5	284.2	14,900*	56.5	306.8	18,300*	165
170	31.1	258.8	13,500*	39.0	278.0	14,600*	54.5	303.2	17,800*	170
175	27.8	249.6	13,300*	36.3	271.3	14,200*	52.5	299.4	17,300*	175
180	24.0	238.8	13,000*	33.5	263.9	13,900*	50.5	295.3	16,800*	180
185	19.6	225.7	12,800*	30.4	255.6	13,600*	48.4	290.9	16,300*	185
190	13.7	208.0	12,600*	27.0	246.1	13,400*	46.2	286.1	15,900*	190
195				23.1	234.9	13,100*	43.9	280.9	15,500*	195
200				18.5	221.1	12,900*	41.5	275.3	15,100*	200
205				12.1	201.5	12,700*	39.0	269.2	14,700*	205
210							36.4	262.5	14,400*	210
220							30.5	246.8	13,800*	220
230							23.2	226.2	13,300*	230
240							12.2	193.1	12,800*	240

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

160 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

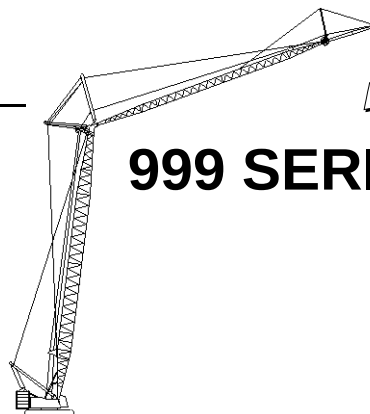
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.3	351.8	22,300*							65
70	73.7	350.3	22,100*							70
75	72.1	348.7	21,800*							75
80	70.5	346.9	21,600*							80
85	68.9	344.9	21,400*							85
90	67.3	342.8	21,100*							90
95	65.7	340.6	20,600*	70.2	345.2	21,700*				95
100	64.0	338.1	19,800*	68.6	343.2	21,500*				100
105	62.3	335.5	19,200*	66.9	341.1	21,300*				105
110	60.6	332.7	18,500*	65.3	338.8	20,700*				110
115	58.8	329.6	17,900*	63.6	336.3	20,000*				115
120	57.0	326.4	17,300*	61.9	333.6	19,300*				120
125	55.2	322.9	16,800*	60.2	330.7	18,600*				125
130	53.3	319.2	16,300*	58.4	327.7	18,000*				130
135	51.4	315.2	15,800*	56.6	324.4	17,400*				135
140	49.4	311.0	15,400*	54.8	320.8	16,900*				140
145	47.4	306.4	15,000*	52.9	317.1	16,400*				145
150	45.3	301.5	14,600*	51.0	313.0	16,000*				150
155	43.1	296.1	14,300*	49.0	308.7	15,500*				155
160	40.8	290.4	13,900*	46.9	304.0	15,100*				160
165	38.4	284.2	13,600*	44.8	299.0	14,700*				165
170	35.9	277.4	13,300*	42.6	293.6	14,400*	56.7	315.5	17,400*	170
175	33.2	269.8	13,100*	40.3	287.8	14,000*	54.8	312.0	16,900*	175
180	30.2	261.4	12,800*	37.9	281.4	13,700*	52.9	308.2	16,500*	180
185	27.0	251.9	12,600*	35.3	274.5	13,400*	51.0	304.2	16,000*	185
190	23.4	240.9	12,400*	32.6	266.8	13,200*	49.0	299.8	15,600*	190
195	19.0	227.3	12,200*	29.6	258.2	12,900*	47.0	295.2	15,200*	195
200	13.4	209.1	12,000*	26.3	248.4	12,700*	44.9	290.2	14,900*	200
205				22.5	236.9	12,500*	42.7	284.8	14,500*	205
210				18.0	222.6	12,300*	40.4	279.0	14,200*	210
220							35.4	265.7	13,600*	220
230							29.6	249.4	13,000*	230
240							22.6	228.2	12,600*	240
250							11.9	194.0	12,200*	250



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

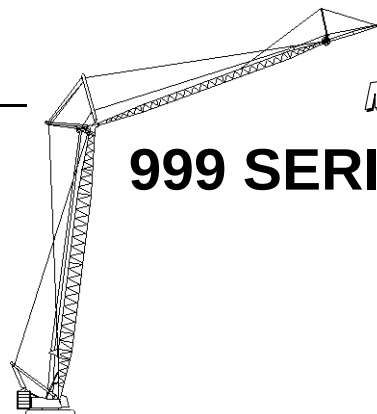
160 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.5	360.7	21,600*							70
75	73.1	359.2	21,400*							75
80	71.6	357.5	21,100*							80
85	70.0	355.7	20,900*							85
90	68.5	353.7	20,700*							90
95	66.9	351.6	20,200*							95
100	65.4	349.3	19,500*	69.7	354.0	21,000*				100
105	63.8	346.8	18,800*	68.2	352.0	20,800*				105
110	62.2	344.2	18,200*	66.6	349.8	20,300*				110
115	60.5	341.3	17,600*	65.0	347.4	19,600*				115
120	58.9	338.3	17,100*	63.4	344.9	18,900*				120
125	57.2	335.1	16,500*	61.8	342.3	18,300*				125
130	55.4	331.6	16,100*	60.2	339.4	17,700*				130
135	53.7	328.0	15,600*	58.5	336.3	17,200*				135
140	51.9	324.0	15,200*	56.8	333.0	16,700*				140
145	50.0	319.9	14,800*	55.1	329.6	16,200*				145
150	48.1	315.4	14,500*	53.3	325.8	15,700*				150
155	46.1	310.6	14,100*	51.5	321.9	15,300*				155
160	44.1	305.5	13,800*	49.6	317.6	14,900*				160
165	41.9	299.9	13,500*	47.7	313.1	14,500*				165
170	39.7	294.0	13,200*	45.7	308.2	14,200*				170
175	37.4	287.5	12,900*	43.6	303.0	13,900*	56.8	324.2	16,600*	175
180	34.9	280.5	12,700*	41.5	297.4	13,600*	55.1	320.7	16,200*	180
185	32.3	272.7	12,400*	39.2	291.3	13,300*	53.3	317.0	15,700*	185
190	29.4	264.0	12,200*	36.9	284.7	13,000*	51.5	313.0	15,400*	190
195	26.3	254.2	12,000*	34.4	277.5	12,800*	49.6	308.8	15,000*	195
200	22.8	242.8	11,800*	31.7	269.6	12,500*	47.7	304.2	14,600*	200
205	18.5	228.9	11,700*	28.8	260.7	12,300*	45.7	299.4	14,300*	205
210	13.0	210.1	11,300*	25.6	250.6	12,100*	43.7	294.2	14,000*	210
220				17.5	224.1	11,700*	39.3	282.5	13,400*	220
230							34.4	268.7	12,900*	230
240							28.8	251.9	12,400*	240
250							22.0	230.0	12,000*	250
260							11.6	195.0	11,700*	260

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

160 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

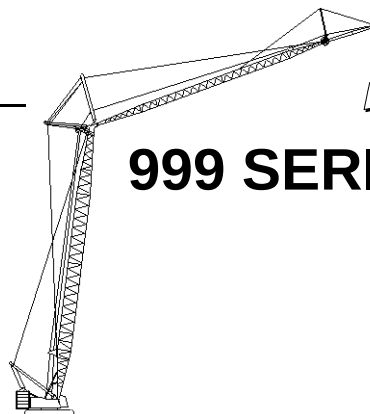
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.3	371.1	20,800*							70
75	73.9	369.7	20,500*							75
80	72.5	368.1	20,300*							80
85	71.0	366.3	20,000*							85
90	69.6	364.5	19,700*							90
95	68.1	362.5	19,500*							95
100	66.6	360.3	19,000*	70.7	364.7	19,200*				100
105	65.1	358.0	18,400*	69.3	362.7	19,000*				105
110	63.6	355.5	17,800*	67.8	360.7	18,800*				110
115	62.1	352.8	17,200*	66.3	358.5	18,700*				115
120	60.5	350.0	16,700*	64.8	356.1	18,400*				120
125	58.9	347.0	16,200*	63.3	353.6	17,900*				125
130	57.3	343.8	15,700*	61.7	350.9	17,300*				130
135	55.7	340.3	15,300*	60.2	348.0	16,800*				135
140	54.0	336.7	14,900*	58.6	345.0	16,300*				140
145	52.3	332.9	14,500*	57.0	341.7	15,800*				145
150	50.5	328.7	14,200*	55.3	338.3	15,400*				150
155	48.7	324.4	13,800*	53.6	334.6	15,000*				155
160	46.8	319.7	13,500*	51.9	330.7	14,600*				160
165	44.9	314.7	13,200*	50.1	326.5	14,300*				165
170	42.9	309.4	13,000*	48.3	322.1	13,900*				170
175	40.9	303.6	12,700*	46.4	317.3	13,600*				175
180	38.7	297.5	12,500*	44.5	312.3	13,300*	57.0	332.9	15,200*	180
185	36.4	290.8	12,200*	42.5	306.9	13,000*	55.3	329.4	15,100*	185
190	34.0	283.5	12,000*	40.4	301.0	12,800*	53.7	325.7	15,000*	190
195	31.5	275.5	11,800*	38.2	294.7	12,500*	51.9	321.8	14,600*	195
200	28.7	266.5	11,600*	35.9	287.9	12,300*	50.2	317.7	14,300*	200
205	25.6	256.4	11,400*	33.5	280.5	12,100*	48.3	313.2	14,000*	205
210	22.2	244.7	11,100*	30.9	272.3	11,900*	46.5	308.5	13,700*	210
220	12.7	211.2	10,400*	24.9	252.7	11,500*	42.5	298.0	13,100*	220
230				17.0	225.5	11,200*	38.3	285.9	12,600*	230
240							33.6	271.7	12,200*	240
250							28.1	254.4	11,800*	250
260							21.4	231.9	11,400*	260
270							11.3	195.9	11,000	270



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

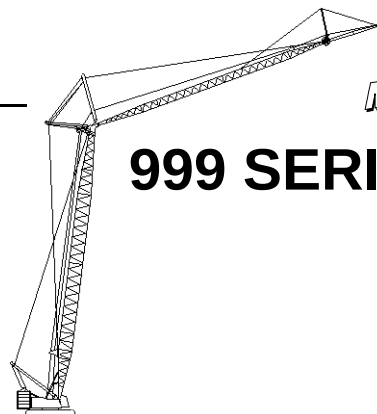
160 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.4	351.8	19,500*							65
70	73.8	350.3	19,200*							70
75	72.2	348.7	18,900*							75
80	70.6	346.9	18,700*							80
85	69.0	345.0	18,400*							85
90	67.4	342.9	18,200*							90
95	65.8	340.6	18,000*	70.3	345.2	18,700*				95
100	64.1	338.1	17,700*	68.7	343.2	18,500*				100
105	62.4	335.5	17,200*	67.0	341.1	18,300*				105
110	60.7	332.7	16,600*	65.4	338.8	18,100*				110
115	58.9	329.6	16,000*	63.7	336.3	17,900*				115
120	57.1	326.4	15,500*	62.0	333.6	17,300*				120
125	55.3	322.9	15,000*	60.3	330.7	16,700*				125
130	53.4	319.2	14,500*	58.5	327.7	16,100*				130
135	51.5	315.2	14,100*	56.7	324.4	15,600*				135
140	49.5	311.0	13,700*	54.9	320.8	15,100*				140
145	47.5	306.4	13,300*	53.0	317.1	14,600*				145
150	45.4	301.5	12,900*	51.1	313.0	14,100*				150
155	43.2	296.2	12,600*	49.1	308.7	13,700*				155
160	40.9	290.4	12,300*	47.0	304.0	13,400*				160
165	38.5	284.2	12,000*	44.9	299.0	13,000*				165
170	36.0	277.4	11,700*	42.7	293.6	12,700*	56.8	315.5	15,600*	170
175	33.3	269.8	11,400*	40.4	287.8	12,300*	54.9	312.0	15,100*	175
180	30.3	261.5	11,200*	38.0	281.4	12,000*	53.0	308.2	14,700*	180
185	27.1	252.0	11,000*	35.4	274.5	11,800*	51.1	304.2	14,300*	185
190	23.5	240.9	10,800*	32.6	266.8	11,500*	49.1	299.8	13,900*	190
195	19.1	227.4	10,600*	29.7	258.2	11,300*	47.1	295.2	13,500*	195
200	13.5	209.1	10,400*	26.4	248.4	11,000*	45.0	290.2	13,100*	200
205				22.6	236.9	10,800*	42.8	284.8	12,800*	205
210				18.1	222.6	10,600*	40.5	279.0	12,500*	210
220							35.5	265.7	11,900*	220
230							29.7	249.4	11,400*	230
240							22.7	228.2	10,900*	240
250							12.0	194.1	10,600*	250

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

160 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.6	360.7	18,900*							70
75	73.1	359.2	18,600*							75
80	71.6	357.5	18,400*							80
85	70.1	355.7	18,200*							85
90	68.6	353.7	18,000*							90
95	67.0	351.6	17,800*							95
100	65.5	349.3	17,500*	69.8	354.0	18,300*				100
105	63.9	346.8	16,900*	68.3	352.0	18,100*				105
110	62.3	344.2	16,300*	66.7	349.8	17,900*				110
115	60.6	341.3	15,700*	65.1	347.5	17,600*				115
120	59.0	338.3	15,200*	63.5	345.0	17,000*				120
125	57.3	335.1	14,700*	61.9	342.3	16,400*				125
130	55.5	331.6	14,300*	60.3	339.4	15,800*				130
135	53.8	328.0	13,900*	58.6	336.3	15,300*				135
140	52.0	324.1	13,500*	56.9	333.1	14,800*				140
145	50.1	319.9	13,100*	55.1	329.6	14,400*				145
150	48.2	315.4	12,700*	53.4	325.8	13,900*				150
155	46.2	310.6	12,400*	51.5	321.9	13,500*				155
160	44.2	305.5	12,100*	49.7	317.6	13,200*				160
165	42.0	300.0	11,800*	47.8	313.1	12,800*				165
170	39.8	294.0	11,500*	45.8	308.2	12,500*				170
175	37.5	287.5	11,300*	43.7	303.0	12,200*	56.9	324.2	14,800*	175
180	35.0	280.5	11,000*	41.6	297.4	11,900*	55.2	320.7	14,400*	180
185	32.4	272.7	10,800*	39.3	291.3	11,600*	53.4	317.0	14,000*	185
190	29.5	264.0	10,600*	37.0	284.7	11,300*	51.6	313.0	13,600*	190
195	26.4	254.2	10,400*	34.5	277.5	11,100*	49.7	308.8	13,300*	195
200	22.8	242.8	10,200*	31.8	269.6	10,900*	47.8	304.2	12,900*	200
205	18.6	228.9	10,100*	28.9	260.7	10,600*	45.8	299.4	12,600*	205
210	13.1	210.2	9,900*	25.7	250.6	10,500*	43.7	294.2	12,300*	210
220				17.6	224.1	10,100*	39.4	282.5	11,700*	220
230							34.5	268.7	11,200*	230
240							28.9	252.0	10,800*	240
250							22.1	230.1	10,400*	250
260							11.7	195.0	10,100*	260



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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

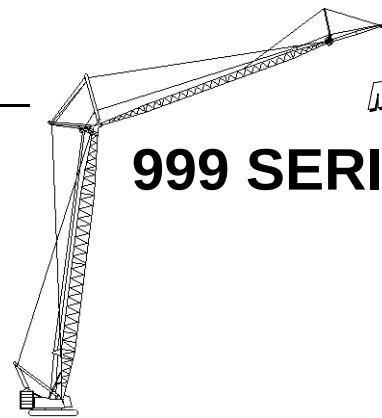
160 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.4	371.1	18,500*							70
75	74.0	369.7	18,300*							75
80	72.5	368.1	18,100*							80
85	71.1	366.4	17,900*							85
90	69.7	364.5	17,700*							90
95	68.2	362.5	17,500*							95
100	66.7	360.3	17,200*	70.8	364.7	17,600*				100
105	65.2	358.0	16,600*	69.3	362.8	17,300*				105
110	63.7	355.5	16,000*	67.9	360.7	17,100*				110
115	62.2	352.8	15,500*	66.4	358.5	16,900*				115
120	60.6	350.0	15,000*	64.9	356.1	16,700*				120
125	59.0	347.0	14,500*	63.4	353.6	16,100*				125
130	57.4	343.8	14,100*	61.8	350.9	15,600*				130
135	55.8	340.4	13,700*	60.3	348.1	15,100*				135
140	54.1	336.7	13,300*	58.7	345.0	14,600*				140
145	52.4	332.9	12,900*	57.0	341.7	14,200*				145
150	50.6	328.8	12,600*	55.4	338.3	13,700*				150
155	48.8	324.4	12,200*	53.7	334.6	13,300*				155
160	46.9	319.7	11,900*	52.0	330.7	13,000*				160
165	45.0	314.7	11,700*	50.2	326.5	12,600*				165
170	43.0	309.4	11,400*	48.4	322.1	12,300*				170
175	41.0	303.7	11,100*	46.5	317.3	12,000*				175
180	38.8	297.5	10,900*	44.6	312.3	11,700*	57.1	332.9	14,100*	180
185	36.5	290.8	10,700*	42.6	306.9	11,500*	55.4	329.4	13,800*	185
190	34.1	283.5	10,500*	40.5	301.0	11,200*	53.7	325.7	13,400*	190
195	31.6	275.5	10,300*	38.3	294.8	11,000*	52.0	321.8	13,000*	195
200	28.8	266.6	10,100*	36.0	287.9	10,700*	50.2	317.7	12,700*	200
205	25.7	256.5	9,900*	33.6	280.5	10,500*	48.4	313.2	12,400*	205
210	22.3	244.7	9,800*	31.0	272.3	10,300*	46.6	308.5	12,100*	210
220	12.8	211.2	9,500*	25.0	252.8	10,000*	42.6	298.0	11,500*	220
230				17.1	225.5	9,700*	38.4	285.9	11,100*	230
240							33.6	271.7	10,600*	240
250							28.2	254.4	10,200*	250
260							21.5	231.9	9,900*	260
270							11.4	195.9	9,600*	270

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

160 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

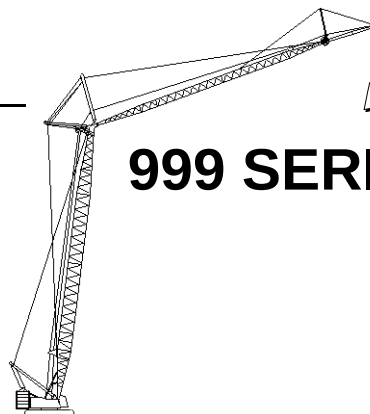
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.7	380.1	17,400*							75
80	73.4	378.6	17,100*							80
85	72.0	376.9	16,900*							85
90	70.6	375.2	16,700*							90
95	69.2	373.3	16,400*							95
100	67.8	371.2	16,200*							100
105	66.4	369.0	16,000*	70.3	373.5	16,200*				105
110	65.0	366.7	15,700*	68.9	371.5	16,000*				110
115	63.5	364.2	15,200*	67.5	369.4	15,800*				115
120	62.1	361.5	14,700*	66.1	367.2	15,600*				120
125	60.6	358.7	14,200*	64.7	364.8	15,400*				125
130	59.1	355.6	13,800*	63.2	362.3	15,200*				130
135	57.5	352.5	13,400*	61.7	359.6	14,700*				135
140	56.0	349.1	13,000*	60.2	356.7	14,300*				140
145	54.4	345.5	12,700*	58.7	353.7	13,900*				145
150	52.7	341.7	12,300*	57.2	350.4	13,500*				150
155	51.1	337.6	12,000*	55.6	347.0	13,100*				155
160	49.3	333.3	11,700*	54.0	343.4	12,700*				160
165	47.6	328.8	11,500*	52.4	339.5	12,400*				165
170	45.8	323.9	11,200*	50.7	335.4	12,100*				170
175	43.9	318.7	10,900*	49.0	331.0	11,800*				175
180	42.0	313.2	10,700*	47.2	326.4	11,500*				180
185	40.0	307.2	10,500*	45.4	321.5	11,300*	57.2	341.5	13,000*	185
190	37.9	300.9	10,300*	43.5	316.2	11,000*	55.6	338.1	13,000*	190
195	35.7	294.0	10,100*	41.5	310.6	10,800*	54.0	334.5	12,700*	195
200	33.3	286.4	9,900*	39.5	304.6	10,500*	52.4	330.6	12,400*	200
205	30.8	278.2	9,700*	37.4	298.1	10,300*	50.7	326.5	12,100*	205
210	28.1	269.0	9,600*	35.2	291.1	10,100*	49.0	322.2	11,800*	210
220	21.7	246.6	9,300*	30.2	275.0	9,800*	45.4	312.7	11,300*	220
230	12.4	212.2	9,100*	24.4	254.9	9,500*	41.6	301.8	10,800*	230
240				16.7	226.9	9,200*	37.4	289.3	10,400*	240
250							32.8	274.6	10,000*	250
260							27.5	256.8	9,700*	260
270							21.0	233.7	9,400*	270
280							11.1	196.8	9,200*	280



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

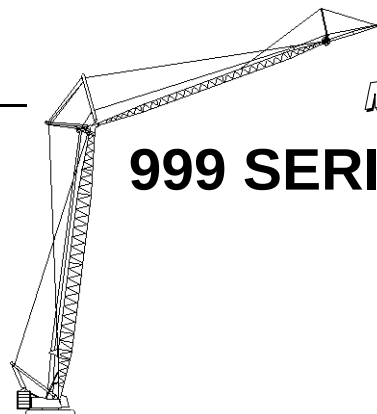
160 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.9	362.2	16,700*							65
70	74.4	360.8	16,400*							70
75	73.0	359.2	16,000*							75
80	71.4	357.6	15,700*							80
85	69.9	355.7	15,400*							85
90	68.4	353.8	15,000*							90
95	66.8	351.6	14,700*							95
100	65.3	349.3	14,400*	69.6	354.0	15,100*				100
105	63.7	346.9	14,100*	68.1	352.0	14,800*				105
110	62.1	344.2	13,800*	66.5	349.8	14,600*				110
115	60.4	341.4	13,500*	64.9	347.5	14,200*				115
120	58.8	338.4	13,300*	63.3	345.0	13,900*				120
125	57.1	335.1	13,000*	61.7	342.3	13,600*				125
130	55.3	331.7	12,800*	60.1	339.4	13,400*				130
135	53.6	328.0	12,600*	58.4	336.4	13,200*				135
140	51.8	324.1	12,200*	56.7	333.1	12,900*				140
145	49.9	319.9	11,900*	55.0	329.6	12,700*				145
150	48.0	315.5	11,600*	53.2	325.9	12,500*				150
155	46.0	310.7	11,200*	51.4	321.9	12,300*				155
160	44.0	305.5	10,900*	49.5	317.7	12,000*				160
165	41.9	300.0	10,700*	47.6	313.1	11,600*				165
170	39.6	294.1	10,400*	45.6	308.3	11,300*				170
175	37.3	287.6	10,100*	43.5	303.1	11,000*	56.7	324.2	12,300*	175
180	34.8	280.5	9,900*	41.4	297.5	10,700*	55.0	320.7	12,100*	180
185	32.2	272.8	9,700*	39.1	291.4	10,500*	53.2	317.0	12,000*	185
190	29.4	264.1	9,500*	36.8	284.8	10,200*	51.4	313.1	11,900*	190
195	26.2	254.3	9,300*	34.3	277.6	10,000*	49.5	308.8	11,700*	195
200	22.7	243.0	9,100*	31.6	269.7	9,700*	47.6	304.3	11,600*	200
205	18.5	229.1	8,800*	28.7	260.8	9,500*	45.6	299.4	11,400*	205
210	13.0	210.4	8,600*	25.5	250.7	9,300*	43.6	294.2	11,100*	210
220				17.4	224.2	9,000*	39.2	282.6	10,600*	220
230							34.3	268.8	10,100*	230
240							28.8	252.0	9,600*	240
250							21.9	230.2	9,200*	250
260							11.5	195.2	8,900*	260

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

160 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

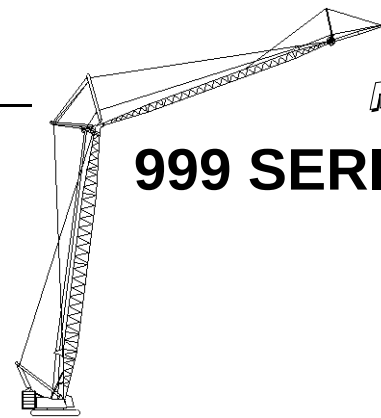
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.2	371.2	15,800*							70
75	73.8	369.7	15,500*							75
80	72.4	368.1	15,200*							80
85	70.9	366.4	14,900*							85
90	69.5	364.5	14,600*							90
95	68.0	362.5	14,300*							95
100	66.5	360.3	14,000*	70.6	364.7	14,600*				100
105	65.0	358.0	13,700*	69.2	362.8	14,300*				105
110	63.5	355.5	13,500*	67.7	360.8	14,000*				110
115	62.0	352.9	13,200*	66.2	358.6	13,800*				115
120	60.4	350.0	13,000*	64.7	356.2	13,500*				120
125	58.8	347.0	12,800*	63.2	353.7	13,300*				125
130	57.2	343.8	12,500*	61.6	351.0	13,100*				130
135	55.6	340.4	12,300*	60.1	348.1	12,900*				135
140	53.9	336.8	12,100*	58.5	345.1	12,600*				140
145	52.2	332.9	11,700*	56.9	341.8	12,500*				145
150	50.4	328.8	11,400*	55.2	338.3	12,200*				150
155	48.6	324.4	11,100*	53.5	334.7	12,000*				155
160	46.8	319.8	10,800*	51.8	330.7	11,800*				160
165	44.8	314.8	10,500*	50.0	326.6	11,500*				165
170	42.9	309.4	10,200*	48.2	322.1	11,200*				170
175	40.8	303.7	10,000*	46.3	317.4	10,900*				175
180	38.6	297.5	9,800*	44.4	312.4	10,600*	56.9	332.9	11,700*	180
185	36.4	290.9	9,500*	42.4	306.9	10,300*	55.2	329.5	11,600*	185
190	34.0	283.6	9,300*	40.3	301.1	10,100*	53.6	325.8	11,500*	190
195	31.4	275.6	9,100*	38.1	294.8	9,800*	51.8	321.9	11,400*	195
200	28.6	266.6	9,000*	35.8	288.0	9,600*	50.1	317.7	11,300*	200
205	25.6	256.6	8,800*	33.4	280.6	9,400*	48.3	313.3	11,200*	205
210	22.1	244.9	8,600*	30.8	272.4	9,200*	46.4	308.6	10,900*	210
220	12.6	211.4	8,400*	24.8	252.9	8,800*	42.5	298.1	10,400*	220
230				17.0	225.7	8,500*	38.2	286.0	9,900*	230
240							33.5	271.8	9,500*	240
250							28.0	254.5	9,100*	250
260							21.4	232.0	8,700*	260
270							11.2	196.2	8,500*	270



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

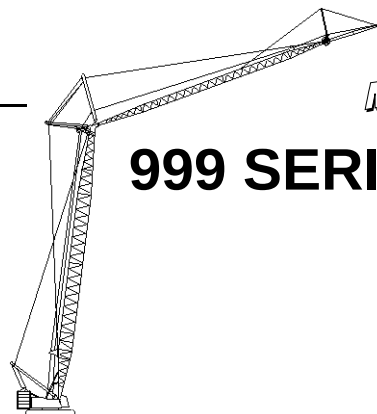
160 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.9	381.5	15,200*							70
75	74.5	380.1	14,900*							75
80	73.2	378.6	14,600*							80
85	71.8	377.0	14,300*							85
90	70.4	375.2	14,100*							90
95	69.1	373.3	13,800*							95
100	67.7	371.3	13,600*							100
105	66.2	369.1	13,300*	70.1	373.5	13,800*				105
110	64.8	366.7	13,000*	68.8	371.6	13,600*				110
115	63.4	364.2	12,800*	67.3	369.5	13,300*				115
120	61.9	361.5	12,600*	65.9	367.3	13,100*				120
125	60.4	358.7	12,400*	64.5	364.9	12,900*				125
130	58.9	355.7	12,200*	63.0	362.3	12,700*				130
135	57.3	352.5	12,000*	61.6	359.6	12,500*				135
140	55.8	349.1	11,800*	60.1	356.8	12,300*				140
145	54.2	345.5	11,600*	58.5	353.7	12,100*				145
150	52.6	341.7	11,300*	57.0	350.5	11,900*				150
155	50.9	337.7	10,900*	55.4	347.1	11,700*				155
160	49.2	333.4	10,700*	53.8	343.4	11,600*				160
165	47.4	328.8	10,400*	52.2	339.6	11,300*				165
170	45.6	324.0	10,100*	50.5	335.5	11,000*				170
175	43.7	318.8	9,900*	48.8	331.1	10,700*				175
180	41.8	313.2	9,600*	47.0	326.5	10,400*				180
185	39.8	307.3	9,400*	45.2	321.6	10,200*	57.0	341.6	11,100*	185
190	37.7	300.9	9,200*	43.3	316.3	9,900*	55.5	338.2	11,000*	190
195	35.5	294.0	9,000*	41.4	310.7	9,700*	53.9	334.5	10,900*	195
200	33.1	286.5	8,800*	39.3	304.7	9,500*	52.2	330.7	10,800*	200
205	30.6	278.3	8,700*	37.2	298.2	9,300*	50.5	326.6	10,800*	205
210	27.9	269.1	8,500*	35.0	291.1	9,100*	48.8	322.2	10,700*	210
220	21.6	246.7	8,200*	30.1	275.0	8,700*	45.2	312.7	10,300*	220
230	12.3	212.5	8,000*	24.3	255.0	8,400*	41.4	301.9	9,800*	230
240				16.6	227.1	8,100*	37.3	289.4	9,400*	240
250							32.7	274.7	9,000*	250
260							27.4	256.9	8,600*	260
270							20.8	233.8	8,300*	270
280							11.0	197.1	8,100*	280

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

160 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

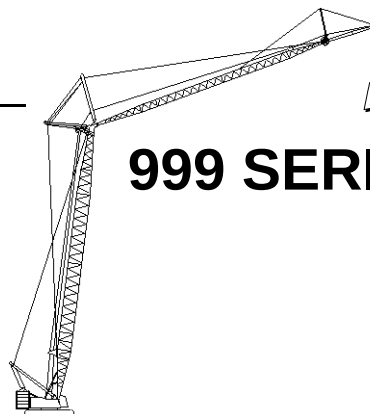
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.2	390.5	14,200*							75
80	73.9	389.1	13,900*							80
85	72.6	387.5	13,700*							85
90	71.3	385.8	13,500*							90
95	70.0	384.0	13,300*							95
100	68.7	382.1	13,000*							100
105	67.3	380.0	12,800*							105
110	66.0	377.8	12,600*	69.7	382.3	13,000*				110
115	64.6	375.4	12,400*	68.4	380.3	12,800*				115
120	63.2	372.9	12,200*	67.0	378.2	12,600*				120
125	61.8	370.2	12,000*	65.7	376.0	12,400*				125
130	60.4	367.4	11,800*	64.3	373.6	12,200*				130
135	58.9	364.4	11,600*	62.9	371.0	12,000*				135
140	57.5	361.2	11,400*	61.5	368.3	11,800*				140
145	56.0	357.8	11,300*	60.1	365.4	11,700*				145
150	54.4	354.3	11,100*	58.6	362.4	11,500*				150
155	52.9	350.5	10,800*	57.1	359.2	11,300*				155
160	51.3	346.5	10,500*	55.6	355.8	11,200*				160
165	49.7	342.3	10,200*	54.1	352.2	11,100*				165
170	48.0	337.8	10,000*	52.5	348.3	10,800*				170
175	46.3	333.1	9,700*	51.0	344.3	10,500*				175
180	44.5	328.0	9,500*	49.3	340.0	10,300*				180
185	42.7	322.7	9,300*	47.6	335.5	10,000*				185
190	40.8	317.0	9,100*	45.9	330.7	9,800*	57.2	350.3	10,500*	190
195	38.9	310.8	8,900*	44.2	325.6	9,500*	55.7	346.9	10,400*	195
200	36.8	304.2	8,700*	42.3	320.2	9,300*	54.1	343.3	10,400*	200
205	34.7	297.1	8,500*	40.4	314.3	9,100*	52.6	339.5	10,300*	205
210	32.4	289.4	8,400*	38.4	308.1	8,900*	51.0	335.4	10,200*	210
220	27.3	271.5	8,100*	34.2	294.2	8,600*	47.7	326.7	10,100*	220
230	21.1	248.5	7,800*	29.4	277.6	8,300*	44.2	316.8	9,600*	230
240	12.0	213.5	7,600*	23.7	257.0	8,000*	40.5	305.5	9,200*	240
250				16.2	228.5	7,700*	36.4	292.6	8,800*	250
260							31.9	277.5	8,500*	260
270							26.7	259.2	8,200*	270
280							20.4	235.6	7,900*	280
290							10.7	198.0	7,700*	290



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 3

170 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

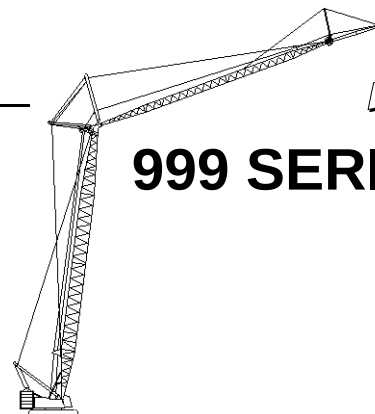
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	74.9	342.5	27,400*							60
65	73.2	341.0	27,100*							65
70	71.4	339.4	26,800*							70
75	69.6	337.6	26,500*							75
80	67.8	335.6	26,300*							80
85	66.0	333.4	26,000*							85
90	64.1	331.0	25,800*	69.6	336.1	26,700*				90
95	62.3	328.4	25,000*	67.7	334.1	26,500*				95
100	60.3	325.6	24,100*	65.9	331.9	26,300*				100
105	58.4	322.6	23,300*	64.1	329.5	26,100*				105
110	56.4	319.3	22,500*	62.2	326.9	25,200*				110
115	54.3	315.8	21,700*	60.2	324.1	24,300*				115
120	52.2	312.0	21,100*	58.3	321.1	23,500*				120
125	50.0	307.9	20,400*	56.3	317.8	22,700*				125
130	47.8	303.4	19,900*	54.2	314.2	22,000*				130
135	45.5	298.6	19,300*	52.1	310.4	21,300*				135
140	43.1	293.4	18,800*	49.9	306.3	20,600*				140
145	40.5	287.7	18,300*	47.7	301.8	20,100*				145
150	37.8	281.4	17,900*	45.4	297.0	19,500*				150
155	35.0	274.5	17,500*	42.9	291.8	19,000*				155
160	31.9	266.7	17,100*	40.4	286.0	18,500*	57.2	309.9	22,900*	160
165	28.5	257.9	16,800*	37.7	279.7	18,100*	55.2	306.4	22,300*	165
170	24.7	247.7	16,300*	34.8	272.8	17,600*	53.1	302.7	21,600*	170
175	20.1	235.2	15,600*	31.7	265.0	17,200*	51.0	298.8	21,100*	175
180	14.3	218.5	15,100*	28.3	256.1	16,900*	48.7	294.5	20,500*	180
185				24.5	245.8	16,600*	46.5	289.8	19,900*	185
190				19.9	233.2	16,300*	44.1	284.8	19,400	190
195				14.0	216.2	16,000*	41.6	279.2	18,700	195
200							39.0	273.2	18,000	200
205							36.2	266.6	17,300	205
210							33.2	259.2	16,700	210
220							26.3	241.3	15,600	220
230							17.0	215.4	14,500	230

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



170 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

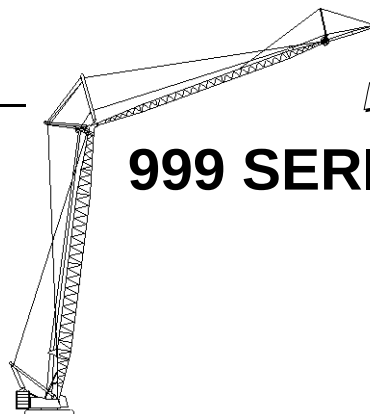
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.8	352.9	26,800*							60
65	74.1	351.5	26,500*							65
70	72.5	349.9	26,300*							70
75	70.8	348.2	26,000*							75
80	69.1	346.4	25,800*							80
85	67.4	344.3	25,600*							85
90	65.7	342.1	25,400*	70.7	346.8	26,100*				90
95	63.9	339.7	24,500*	69.0	344.9	25,900*				95
100	62.1	337.1	23,700*	67.3	342.9	25,800*				100
105	60.3	334.3	22,900*	65.6	340.6	25,600*				105
110	58.5	331.2	22,100*	63.8	338.2	24,700*				110
115	56.6	328.0	21,400*	62.0	335.6	23,800*				115
120	54.6	324.5	20,800*	60.2	332.8	23,100*				120
125	52.7	320.8	20,200*	58.4	329.7	22,300*				125
130	50.6	316.7	19,600*	56.5	326.5	21,600*				130
135	48.5	312.4	19,100*	54.6	323.0	21,000*				135
140	46.4	307.7	18,600*	52.6	319.2	20,300*				140
145	44.1	302.7	18,100*	50.5	315.2	19,800*				145
150	41.8	297.2	17,700*	48.4	310.8	19,200*				150
155	39.3	291.2	17,300*	46.3	306.1	18,700*				155
160	36.7	284.7	16,900*	44.0	301.1	18,300*				160
165	33.9	277.5	16,500*	41.7	295.6	17,800*	57.4	318.5	21,700*	165
170	30.9	269.5	16,100*	39.2	289.6	17,400*	55.5	315.1	21,200*	170
175	27.6	260.4	15,400*	36.6	283.0	17,000*	53.5	311.5	20,600*	175
180	23.9	249.8	14,800*	33.8	275.8	16,700*	51.5	307.6	20,100*	180
185	19.6	236.9	14,200*	30.8	267.7	16,300*	49.4	303.4	19,600*	185
190	13.9	219.7	13,800*	27.5	258.6	16,000*	47.3	298.9	19,100*	190
195				23.8	247.9	15,700*	45.1	294.0	18,500	195
200				19.3	234.9	15,500*	42.8	288.7	17,900	200
205				13.6	217.3	15,300*	40.3	282.9	17,200	205
210							37.8	276.7	16,600	210
220							32.2	262.1	15,500	220
230							25.5	243.6	14,400	230
240							16.5	216.8	13,400	240



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

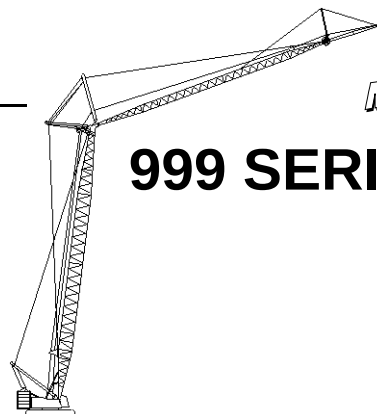
170 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.0	361.9	25,900*							65
70	73.4	360.4	25,700*							70
75	71.9	358.8	25,400*							75
80	70.3	357.1	25,200*							80
85	68.7	355.1	24,900*							85
90	67.0	353.0	24,700*							90
95	65.4	350.8	24,000*	70.2	355.6	24,100*				95
100	63.7	348.4	23,200*	68.6	353.7	24,000*				100
105	62.0	345.7	22,400*	67.0	351.6	23,800*				105
110	60.3	342.9	21,700*	65.3	349.3	23,600*				110
115	58.5	339.9	21,000*	63.6	346.9	23,300*				115
120	56.8	336.7	20,400*	61.9	344.2	22,600*				120
125	54.9	333.2	19,800*	60.2	341.4	21,900*				125
130	53.1	329.5	19,300*	58.5	338.4	21,200*				130
135	51.2	325.6	18,800*	56.7	335.2	20,600*				135
140	49.2	321.3	18,300*	54.9	331.7	20,000*				140
145	47.2	316.8	17,900*	53.0	328.0	19,500*				145
150	45.1	311.9	17,500*	51.1	324.0	19,000*				150
155	42.9	306.6	17,100*	49.1	319.8	18,500*				155
160	40.6	300.9	16,700*	47.1	315.2	18,000*				160
165	38.2	294.7	16,200*	45.0	310.3	17,600*				165
170	35.7	287.9	15,600*	42.8	305.0	17,200*	57.5	327.2	19,100*	170
175	33.0	280.5	15,000*	40.5	299.3	16,800*	55.7	323.8	19,000*	175
180	30.1	272.2	14,500*	38.1	293.0	16,500*	53.9	320.3	18,900*	180
185	26.9	262.8	13,900*	35.6	286.2	16,200*	52.0	316.4	18,800*	185
190	23.3	251.8	13,400*	32.9	278.7	15,900*	50.0	312.3	18,700*	190
195	19.0	238.6	13,000*	29.9	270.4	15,600*	48.0	307.9	18,100	195
200	13.5	220.8	12,600*	26.7	260.9	15,300*	45.9	303.1	17,500	200
205				23.1	249.9	15,100*	43.8	298.0	16,800	205
210				18.8	236.5	14,900*	41.6	292.5	16,200	210
220							36.8	280.0	15,100	220
230							31.3	264.9	14,100	230
240							24.8	245.7	13,100	240
250							16.0	218.2	12,200	250

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

170 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

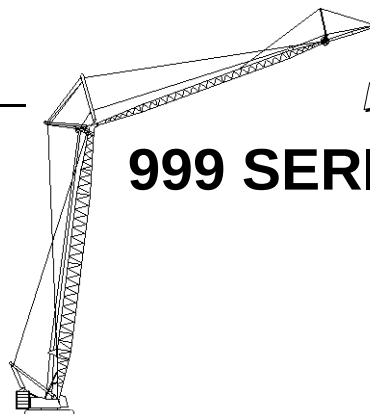
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.8	372.3	23,300*							65
70	74.3	370.9	23,300*							70
75	72.8	369.3	22,800*							75
80	71.3	367.7	22,500*							80
85	69.8	365.9	22,300*							85
90	68.2	363.9	22,000*							90
95	66.7	361.8	21,700*							95
100	65.1	359.5	21,500*	69.7	364.4	21,300*				100
105	63.5	357.0	21,300*	68.2	362.4	21,100*				105
110	61.9	354.4	21,000*	66.6	360.3	21,000*				110
115	60.3	351.6	20,500*	65.0	358.0	20,800*				115
120	58.6	348.6	20,000*	63.5	355.6	20,600*				120
125	56.9	345.4	19,400*	61.8	352.9	20,400*				125
130	55.2	341.9	18,900*	60.2	350.1	20,300*				130
135	53.4	338.3	18,400*	58.5	347.1	20,100*				135
140	51.6	334.4	18,000*	56.8	343.9	19,600*				140
145	49.8	330.2	17,500*	55.1	340.4	19,100*				145
150	47.9	325.8	17,100*	53.3	336.8	18,600*				150
155	45.9	321.0	16,700*	51.5	332.8	18,100*				155
160	43.9	315.9	16,100*	49.7	328.7	17,700*				160
165	41.7	310.4	15,600*	47.8	324.2	17,300*				165
170	39.5	304.5	15,100*	45.8	319.4	16,900*				170
175	37.2	298.1	14,600*	43.8	314.3	16,500*	57.6	335.9	16,700*	175
180	34.7	291.1	14,100*	41.6	308.8	16,200*	55.9	332.5	16,600*	180
185	32.1	283.3	13,600*	39.4	302.8	15,900*	54.2	329.0	16,500*	185
190	29.3	274.8	13,100*	37.1	296.4	15,600*	52.4	325.2	16,400*	190
195	26.2	265.1	12,700*	34.6	289.4	15,300*	50.5	321.1	16,300*	195
200	22.7	253.8	12,200*	32.0	281.6	15,100*	48.7	316.8	16,200*	200
205	18.5	240.2	11,800*	29.2	273.0	14,800*	46.7	312.2	16,100*	205
210	13.1	222.0	11,500*	26.0	263.2	14,600*	44.7	307.2	15,900	210
220				18.3	238.1	14,200*	40.5	296.2	14,800	220
230							35.8	283.2	13,800	230
240							30.5	267.6	12,800	240
250							24.2	247.9	12,000	250
260							15.6	219.5	11,100	260



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

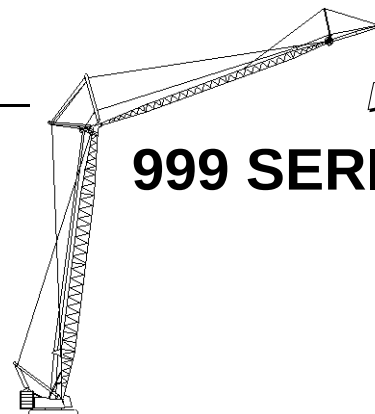
170 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.6	351.4	22,600*							65
70	72.9	349.9	22,400*							70
75	71.2	348.2	22,100*							75
80	69.5	346.3	21,800*							80
85	67.8	344.3	21,600*							85
90	66.1	342.0	21,400*							90
95	64.3	339.6	21,100*	69.5	344.9	22,000*				95
100	62.5	337.0	20,400*	67.7	342.8	21,800*				100
105	60.7	334.2	19,600*	66.0	340.6	21,600*				105
110	58.9	331.2	19,000*	64.2	338.1	21,300*				110
115	57.0	327.9	18,300*	62.5	335.5	20,500*				115
120	55.1	324.4	17,700*	60.6	332.7	19,800*				120
125	53.1	320.7	17,200*	58.8	329.7	19,100*				125
130	51.0	316.7	16,700*	56.9	326.4	18,500*				130
135	48.9	312.3	16,200*	55.0	322.9	17,900*				135
140	46.8	307.6	15,700*	53.0	319.2	17,300*				140
145	44.5	302.6	15,300*	50.9	315.1	16,800*				145
150	42.2	297.1	14,900*	48.8	310.8	16,300*				150
155	39.7	291.2	14,600*	46.7	306.1	15,900*				155
160	37.1	284.6	14,200*	44.4	301.0	15,400*				160
165	34.3	277.4	13,900*	42.1	295.5	15,000*	57.8	318.5	18,800*	165
170	31.3	269.4	13,600*	39.6	289.5	14,700*	55.9	315.1	18,200*	170
175	28.0	260.3	13,300*	37.0	283.0	14,300*	53.9	311.4	17,700*	175
180	24.3	249.7	13,100*	34.2	275.7	14,000*	51.9	307.5	17,200*	180
185	19.9	236.8	12,900*	31.2	267.6	13,700*	49.8	303.3	16,700*	185
190	14.2	219.5	12,700*	27.9	258.5	13,400*	47.7	298.8	16,200*	190
195				24.1	247.8	13,200*	45.5	293.9	15,800*	195
200				19.7	234.7	13,000*	43.2	288.6	15,400*	200
205				13.9	217.1	12,800*	40.8	282.9	15,000*	205
210							38.2	276.6	14,700*	210
220							32.6	262.0	14,000*	220
230							25.9	243.4	13,500*	230
240							16.8	216.6	13,000*	240

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

170 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.4	361.8	22,200*							65
70	73.8	360.4	22,000*							70
75	72.2	358.8	21,700*							75
80	70.7	357.0	21,500*							80
85	69.0	355.1	21,300*							85
90	67.4	353.0	21,100*							90
95	65.8	350.7	20,700*	70.6	355.6	21,600*				95
100	64.1	348.3	20,000*	69.0	353.6	21,400*				100
105	62.4	345.7	19,300*	67.3	351.5	21,200*				105
110	60.7	342.9	18,600*	65.7	349.3	20,900*				110
115	58.9	339.9	18,000*	64.0	346.8	20,100*				115
120	57.1	336.6	17,400*	62.3	344.2	19,400*				120
125	55.3	333.2	16,900*	60.6	341.4	18,800*				125
130	53.5	329.5	16,400*	58.9	338.3	18,200*				130
135	51.5	325.5	15,900*	57.1	335.1	17,600*				135
140	49.6	321.3	15,500*	55.2	331.6	17,100*				140
145	47.5	316.7	15,100*	53.4	327.9	16,600*				145
150	45.4	311.8	14,700*	51.5	324.0	16,100*				150
155	43.3	306.5	14,400*	49.5	319.7	15,600*				155
160	41.0	300.8	14,000*	47.4	315.1	15,200*				160
165	38.6	294.6	13,700*	45.3	310.2	14,800*				165
170	36.1	287.8	13,400*	43.2	304.9	14,500*	57.9	327.1	17,800*	170
175	33.4	280.4	13,100*	40.9	299.2	14,100*	56.1	323.8	17,300*	175
180	30.5	272.1	12,900*	38.5	293.0	13,800*	54.2	320.2	16,800*	180
185	27.3	262.6	12,600*	35.9	286.2	13,500*	52.3	316.3	16,400*	185
190	23.6	251.7	12,400*	33.2	278.7	13,200*	50.4	312.2	15,900*	190
195	19.4	238.4	12,200*	30.3	270.3	13,000*	48.4	307.8	15,500*	195
200	13.8	220.6	12,100*	27.1	260.8	12,700*	46.3	303.0	15,100*	200
205				23.5	249.8	12,500*	44.2	297.9	14,800*	205
210				19.2	236.3	12,300*	41.9	292.4	14,400*	210
220							37.1	279.9	13,800*	220
230							31.7	264.8	13,200*	230
240							25.2	245.6	12,700*	240
250							16.4	218.0	12,300*	250



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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To
Be In The Scope of
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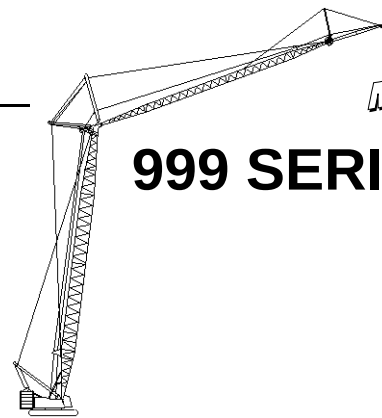
170 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.7	370.8	21,500*							70
75	73.2	369.3	21,300*							75
80	71.7	367.6	21,100*							80
85	70.1	365.8	20,800*							85
90	68.6	363.8	20,600*							90
95	67.1	361.7	20,300*							95
100	65.5	359.4	19,600*	70.1	364.4	20,900*				100
105	63.9	357.0	18,900*	68.5	362.4	20,700*				105
110	62.3	354.3	18,300*	67.0	360.3	20,400*				110
115	60.7	351.5	17,700*	65.4	358.0	19,700*				115
120	59.0	348.5	17,200*	63.8	355.5	19,000*				120
125	57.3	345.3	16,600*	62.2	352.9	18,400*				125
130	55.6	341.9	16,200*	60.6	350.0	17,800*				130
135	53.8	338.2	15,700*	58.9	347.0	17,300*				135
140	52.0	334.3	15,300*	57.2	343.8	16,800*				140
145	50.1	330.2	14,900*	55.5	340.4	16,300*				145
150	48.2	325.7	14,500*	53.7	336.7	15,800*				150
155	46.3	320.9	14,200*	51.9	332.8	15,400*				155
160	44.2	315.8	13,900*	50.0	328.6	15,000*				160
165	42.1	310.3	13,500*	48.1	324.1	14,600*				165
170	39.9	304.4	13,300*	46.2	319.4	14,300*				170
175	37.6	298.0	13,000*	44.1	314.2	14,000*	58.0	335.8	16,700*	175
180	35.1	291.0	12,700*	42.0	308.7	13,600*	56.3	332.5	16,500*	180
185	32.5	283.2	12,500*	39.8	302.8	13,400*	54.5	328.9	16,000*	185
190	29.7	274.7	12,300*	37.5	296.3	13,100*	52.7	325.1	15,600*	190
195	26.5	264.9	12,100*	35.0	289.3	12,800*	50.9	321.1	15,300*	195
200	23.0	253.7	11,900*	32.4	281.5	12,600*	49.0	316.8	14,900*	200
205	18.9	240.0	11,500*	29.5	272.9	12,400*	47.1	312.1	14,500*	205
210	13.5	221.7	11,100*	26.4	263.1	12,200*	45.1	307.2	14,200*	210
220				18.6	237.9	11,800*	40.8	296.1	13,600*	220
230							36.1	283.1	13,100*	230
240							30.9	267.5	12,600*	240
250							24.5	247.7	12,200*	250
260							15.9	219.3	11,500	260

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

170 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

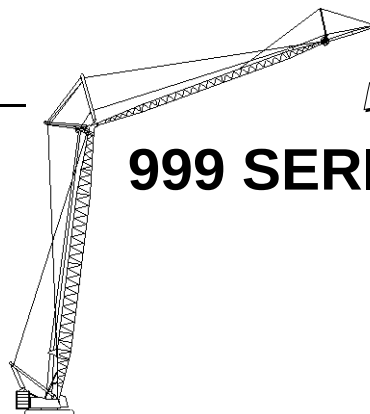
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.4	381.2	20,500*							70
75	74.0	379.8	20,200*							75
80	72.6	378.2	20,000*							80
85	71.1	376.5	19,700*							85
90	69.7	374.6	19,500*							90
95	68.2	372.6	19,200*							95
100	66.7	370.4	19,000*							100
105	65.2	368.1	18,500*	69.6	373.2	18,700*				105
110	63.7	365.6	17,900*	68.1	371.1	18,700*				110
115	62.2	363.0	17,300*	66.7	369.0	18,400*				115
120	60.6	360.2	16,800*	65.2	366.7	18,300*				120
125	59.0	357.2	16,300*	63.6	364.2	18,000*				125
130	57.4	354.0	15,800*	62.1	361.5	17,400*				130
135	55.8	350.6	15,400*	60.5	358.7	16,900*				135
140	54.1	347.0	15,000*	59.0	355.7	16,400*				140
145	52.4	343.1	14,600*	57.4	352.5	16,000*				145
150	50.6	339.0	14,300*	55.7	349.1	15,500*				150
155	48.8	334.7	13,900*	54.0	345.4	15,100*				155
160	47.0	330.0	13,600*	52.3	341.6	14,700*				160
165	45.1	325.1	13,300*	50.6	337.5	14,400*				165
170	43.1	319.8	13,000*	48.8	333.1	14,000*				170
175	41.0	314.0	12,800*	46.9	328.4	13,700*				175
180	38.9	307.9	12,500*	45.0	323.5	13,400*				180
185	36.6	301.3	12,300*	43.0	318.1	13,100*	56.5	341.2	14,900*	185
190	34.2	294.0	12,100*	40.9	312.4	12,800*	54.8	337.7	14,800*	190
195	31.7	286.0	11,800*	38.8	306.2	12,600*	53.1	333.9	14,700*	195
200	28.9	277.2	11,600*	36.5	299.6	12,400*	51.4	329.9	14,500*	200
205	25.9	267.2	11,200*	34.1	292.3	12,100*	49.6	325.7	14,200*	205
210	22.4	255.6	10,900*	31.5	284.3	11,900*	47.8	321.2	13,900*	210
220	13.1	222.8	10,300*	25.7	265.3	11,600*	43.9	311.2	13,300*	220
230				18.2	239.5	11,200*	39.8	299.7	12,800*	230
240							35.2	286.3	12,300*	240
250							30.1	270.1	11,900*	250
260							23.9	249.8	11,300	260
270							15.5	220.6	10,500	270



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

170 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

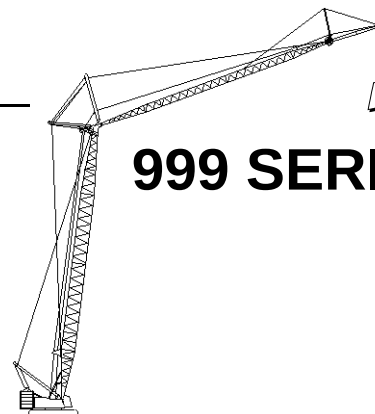
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.5	361.8	19,400*							65
70	73.9	360.4	19,100*							70
75	72.3	358.8	18,900*							75
80	70.7	357.0	18,600*							80
85	69.1	355.1	18,400*							85
90	67.5	353.0	18,200*							90
95	65.9	350.7	17,900*	70.7	355.6	18,700*				95
100	64.2	348.3	17,700*	69.1	353.6	18,500*				100
105	62.5	345.7	17,300*	67.4	351.5	18,300*				105
110	60.8	342.9	16,700*	65.8	349.3	18,100*				110
115	59.0	339.9	16,100*	64.1	346.8	17,900*				115
120	57.2	336.6	15,600*	62.4	344.2	17,500*				120
125	55.4	333.2	15,100*	60.7	341.4	16,800*				125
130	53.6	329.5	14,600*	58.9	338.4	16,300*				130
135	51.6	325.5	14,200*	57.2	335.1	15,700*				135
140	49.7	321.3	13,800*	55.3	331.6	15,200*				140
145	47.6	316.7	13,400*	53.5	327.9	14,700*				145
150	45.5	311.8	13,000*	51.5	324.0	14,300*				150
155	43.4	306.5	12,700*	49.6	319.7	13,800*				155
160	41.1	300.8	12,300*	47.5	315.1	13,500*				160
165	38.7	294.6	12,000*	45.4	310.2	13,100*				165
170	36.2	287.9	11,800*	43.3	304.9	12,800*	58.0	327.2	16,000*	170
175	33.5	280.4	11,500*	41.0	299.2	12,400*	56.2	323.8	15,500*	175
180	30.6	272.1	11,300*	38.6	293.0	12,100*	54.3	320.2	15,000*	180
185	27.4	262.7	11,000*	36.0	286.2	11,800*	52.4	316.3	14,600*	185
190	23.7	251.7	10,800*	33.3	278.7	11,600*	50.5	312.2	14,200*	190
195	19.5	238.4	10,600*	30.4	270.3	11,300*	48.5	307.8	13,800*	195
200	13.9	220.7	10,500*	27.2	260.8	11,100*	46.4	303.0	13,400*	200
205				23.6	249.8	10,900*	44.3	297.9	13,000*	205
210				19.3	236.4	10,700*	42.0	292.4	12,700*	210
220							37.2	279.9	12,100*	220
230							31.8	264.8	11,600*	230
240							25.3	245.6	11,100*	240
250							16.5	218.0	10,700*	250

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



170 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

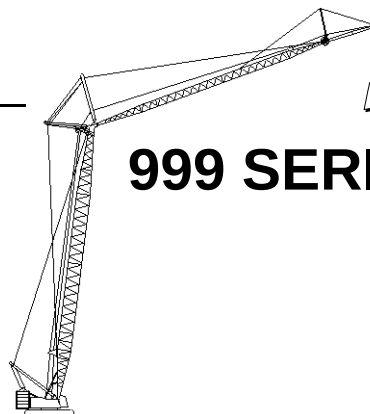
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.7	370.8	18,800*							70
75	73.3	369.3	18,600*							75
80	71.7	367.6	18,400*							80
85	70.2	365.8	18,100*							85
90	68.7	363.8	17,900*							90
95	67.1	361.7	17,700*							95
100	65.6	359.4	17,500*	70.2	364.4	18,200*				100
105	64.0	357.0	17,000*	68.6	362.4	18,000*				105
110	62.4	354.3	16,400*	67.1	360.3	17,900*				110
115	60.7	351.5	15,900*	65.5	358.0	17,700*				115
120	59.1	348.5	15,300*	63.9	355.5	17,100*				120
125	57.4	345.3	14,800*	62.3	352.9	16,500*				125
130	55.7	341.9	14,400*	60.7	350.0	16,000*				130
135	53.9	338.2	13,900*	59.0	347.0	15,500*				135
140	52.1	334.3	13,600*	57.3	343.8	15,000*				140
145	50.2	330.2	13,200*	55.6	340.4	14,500*				145
150	48.3	325.7	12,800*	53.8	336.7	14,100*				150
155	46.3	321.0	12,500*	52.0	332.8	13,600*				155
160	44.3	315.8	12,200*	50.1	328.6	13,300*				160
165	42.2	310.4	11,900*	48.2	324.1	12,900*				165
170	40.0	304.4	11,600*	46.3	319.4	12,600*				170
175	37.7	298.0	11,300*	44.2	314.2	12,300*				175
180	35.2	291.0	11,100*	42.1	308.7	12,000*	56.4	332.5	14,700*	180
185	32.6	283.3	10,900*	39.9	302.8	11,700*	54.6	328.9	14,300*	185
190	29.7	274.7	10,600*	37.5	296.3	11,400*	52.8	325.1	13,900*	190
195	26.6	265.0	10,400*	35.1	289.3	11,200*	51.0	321.1	13,500*	195
200	23.1	253.7	10,300*	32.5	281.5	10,900*	49.1	316.8	13,200*	200
205	19.0	240.0	10,100*	29.6	272.9	10,700*	47.2	312.1	12,800*	205
210	13.6	221.8	10,000*	26.5	263.1	10,500*	45.2	307.2	12,500*	210
220				18.7	238.0	10,200*	40.9	296.1	11,900*	220
230							36.2	283.1	11,400*	230
240							30.9	267.5	10,900*	240
250							24.6	247.8	10,500*	250
260							16.0	219.3	10,200*	260



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

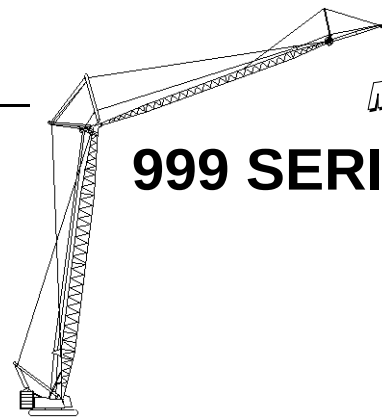
170 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.5	381.2	18,400*							70
75	74.1	379.8	18,200*							75
80	72.6	378.2	18,000*							80
85	71.2	376.5	17,800*							85
90	69.8	374.6	17,600*							90
95	68.3	372.6	17,400*							95
100	66.8	370.4	17,100*							100
105	65.3	368.1	16,700*	69.7	373.2	17,200*				105
110	63.8	365.7	16,100*	68.2	371.1	17,000*				110
115	62.3	363.0	15,600*	66.7	369.0	16,800*				115
120	60.7	360.2	15,100*	65.3	366.7	16,600*				120
125	59.1	357.2	14,600*	63.7	364.2	16,200*				125
130	57.5	354.0	14,200*	62.2	361.5	15,700*				130
135	55.9	350.6	13,700*	60.6	358.7	15,200*				135
140	54.2	347.0	13,300*	59.1	355.7	14,700*				140
145	52.5	343.1	13,000*	57.4	352.5	14,300*				145
150	50.7	339.0	12,600*	55.8	349.1	13,800*				150
155	48.9	334.7	12,300*	54.1	345.4	13,400*				155
160	47.1	330.0	12,000*	52.4	341.6	13,100*				160
165	45.2	325.1	11,700*	50.6	337.5	12,700*				165
170	43.2	319.8	11,500*	48.8	333.1	12,400*				170
175	41.1	314.1	11,200*	47.0	328.5	12,100*				175
180	39.0	307.9	11,000*	45.1	323.5	11,800*				180
185	36.7	301.3	10,700*	43.1	318.1	11,500*	56.6	341.2	14,000*	185
190	34.3	294.0	10,500*	41.0	312.4	11,300*	54.9	337.7	13,600*	190
195	31.8	286.1	10,300*	38.9	306.3	11,000*	53.2	333.9	13,300*	195
200	29.0	277.2	10,100*	36.6	299.6	10,800*	51.5	329.9	13,000*	200
205	26.0	267.2	10,000*	34.2	292.3	10,600*	49.7	325.7	12,600*	205
210	22.5	255.6	9,800*	31.6	284.3	10,400*	47.8	321.2	12,300*	210
220	13.2	222.9	9,500*	25.8	265.4	10,000*	44.0	311.2	11,700*	220
230				18.3	239.5	9,700*	39.9	299.7	11,200*	230
240							35.3	286.3	10,800*	240
250							30.2	270.2	10,400*	250
260							24.0	249.8	10,000*	260
270							15.6	220.6	9,700*	270

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

170 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

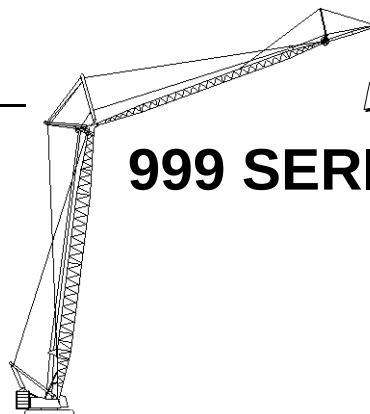
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.8	390.2	17,200*							75
80	73.5	388.7	17,000*							80
85	72.1	387.1	16,800*							85
90	70.7	385.3	16,500*							90
95	69.3	383.4	16,300*							95
100	67.9	381.3	16,100*							100
105	66.5	379.2	15,800*	70.7	383.8	16,000*				105
110	65.1	376.8	15,700*	69.3	381.9	15,800*				110
115	63.6	374.3	15,300*	67.9	379.9	15,700*				115
120	62.2	371.7	14,800*	66.4	377.7	15,500*				120
125	60.7	368.9	14,300*	65.0	375.3	15,300*				125
130	59.2	365.9	13,900*	63.6	372.8	15,200*				130
135	57.6	362.7	13,500*	62.1	370.2	14,900*				135
140	56.1	359.3	13,100*	60.6	367.4	14,400*				140
145	54.5	355.7	12,700*	59.1	364.4	14,000*				145
150	52.8	351.9	12,400*	57.6	361.2	13,600*				150
155	51.2	347.9	12,100*	56.0	357.8	13,200*				155
160	49.5	343.6	11,800*	54.4	354.2	12,800*				160
165	47.7	339.1	11,500*	52.8	350.4	12,500*				165
170	45.9	334.2	11,200*	51.1	346.3	12,200*				170
175	44.0	329.1	11,000*	49.4	342.1	11,900*				175
180	42.1	323.6	10,800*	47.6	337.5	11,600*				180
185	40.1	317.7	10,500*	45.8	332.7	11,300*				185
190	38.0	311.3	10,300*	44.0	327.5	11,100*	56.7	349.9	12,900*	190
195	35.8	304.4	10,100*	42.0	322.0	10,800*	55.1	346.4	12,900*	195
200	33.5	297.0	9,900*	40.0	316.0	10,600*	53.5	342.7	12,600*	200
205	31.0	288.8	9,800*	37.9	309.7	10,400*	51.9	338.8	12,300*	205
210	28.3	279.7	9,600*	35.7	302.8	10,200*	50.2	334.6	12,100*	210
220	22.0	257.5	9,300*	30.9	287.0	9,800*	46.7	325.4	11,500*	220
230	12.9	223.9	9,100*	25.2	267.5	9,500*	42.9	315.1	11,000*	230
240				17.8	241.0	9,200*	38.9	303.2	10,600*	240
250							34.5	289.3	10,200*	250
260							29.4	272.7	9,800*	260
270							23.4	251.8	9,500*	270
280							15.2	221.9	9,300*	280



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

170 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

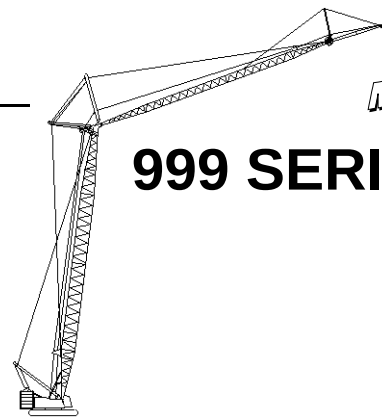
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.5	370.9	16,300*							70
75	73.1	369.3	16,000*							75
80	71.6	367.7	15,700*							80
85	70.0	365.9	15,300*							85
90	68.5	363.9	15,000*							90
95	67.0	361.8	14,700*							95
100	65.4	359.5	14,400*	70.0	364.4	15,100*				100
105	63.8	357.0	14,100*	68.4	362.4	14,800*				105
110	62.2	354.4	13,800*	66.9	360.3	14,500*				110
115	60.6	351.6	13,500*	65.3	358.0	14,200*				115
120	58.9	348.6	13,300*	63.7	355.6	13,900*				120
125	57.2	345.4	13,000*	62.1	352.9	13,700*				125
130	55.5	341.9	12,800*	60.5	350.1	13,400*				130
135	53.7	338.3	12,600*	58.8	347.1	13,200*				135
140	51.9	334.4	12,300*	57.1	343.9	12,900*				140
145	50.0	330.2	12,000*	55.4	340.4	12,700*				145
150	48.1	325.8	11,600*	53.6	336.8	12,500*				150
155	46.2	321.0	11,300*	51.8	332.8	12,300*				155
160	44.1	315.9	11,000*	50.0	328.7	12,000*				160
165	42.0	310.4	10,700*	48.0	324.2	11,700*				165
170	39.8	304.5	10,500*	46.1	319.4	11,400*				170
175	37.5	298.1	10,200*	44.0	314.3	11,100*	57.9	335.9	12,300*	175
180	35.0	291.1	10,000*	41.9	308.8	10,800*	56.2	332.5	12,100*	180
185	32.4	283.3	9,700*	39.7	302.8	10,500*	54.4	329.0	12,000*	185
190	29.6	274.8	9,500*	37.4	296.4	10,300*	52.6	325.2	11,900*	190
195	26.5	265.1	9,300*	34.9	289.4	10,000*	50.8	321.1	11,700*	195
200	22.9	253.8	9,100*	32.3	281.6	9,800*	48.9	316.8	11,600*	200
205	18.8	240.2	8,900*	29.4	273.0	9,600*	47.0	312.2	11,500*	205
210	13.4	222.0	8,600*	26.3	263.2	9,400*	45.0	307.2	11,300*	210
220				18.6	238.1	9,000*	40.7	296.2	10,800*	220
230							36.1	283.2	10,200*	230
240							30.8	267.6	9,800*	240
250							24.5	247.9	9,400*	250
260							15.9	219.5	9,000*	260

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



170 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

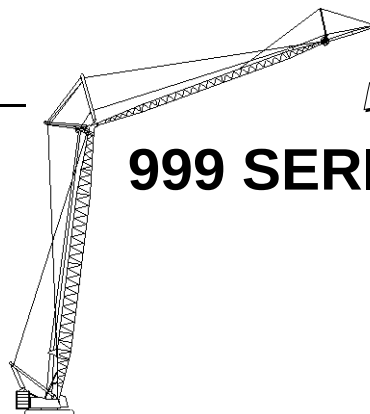
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.3	381.3	15,700*							70
75	73.9	379.8	15,400*							75
80	72.5	378.2	15,200*							80
85	71.0	376.5	14,900*							85
90	69.6	374.7	14,600*							90
95	68.1	372.6	14,300*							95
100	66.6	370.5	14,000*	71.0	375.1	14,600*				100
105	65.1	368.2	13,700*	69.5	373.2	14,300*				105
110	63.6	365.7	13,400*	68.0	371.2	14,000*				110
115	62.1	363.1	13,200*	66.6	369.0	13,800*				115
120	60.5	360.2	13,000*	65.1	366.7	13,500*				120
125	58.9	357.2	12,700*	63.6	364.2	13,300*				125
130	57.3	354.0	12,500*	62.0	361.6	13,100*				130
135	55.7	350.6	12,300*	60.5	358.7	12,800*				135
140	54.0	347.0	12,100*	58.9	355.7	12,600*				140
145	52.3	343.2	11,800*	57.3	352.5	12,400*				145
150	50.5	339.1	11,500*	55.6	349.1	12,200*				150
155	48.7	334.7	11,200*	53.9	345.5	12,000*				155
160	46.9	330.1	10,900*	52.2	341.6	11,900*				160
165	45.0	325.1	10,600*	50.5	337.5	11,600*				165
170	43.0	319.8	10,300*	48.7	333.2	11,200*				170
175	40.9	314.1	10,100*	46.8	328.5	10,900*				175
180	38.8	308.0	9,800*	44.9	323.5	10,700*	58.0	344.6	11,700*	180
185	36.5	301.3	9,600*	42.9	318.2	10,400*	56.4	341.2	11,600*	185
190	34.1	294.1	9,400*	40.8	312.5	10,100*	54.7	337.7	11,500*	190
195	31.6	286.1	9,200*	38.7	306.3	9,900*	53.0	334.0	11,400*	195
200	28.8	277.3	9,000*	36.4	299.7	9,700*	51.3	330.0	11,300*	200
205	25.8	267.3	8,800*	34.0	292.4	9,400*	49.5	325.7	11,200*	205
210	22.4	255.7	8,700*	31.5	284.4	9,200*	47.7	321.2	11,100*	210
220	13.1	223.1	8,400*	25.6	265.5	8,900*	43.8	311.2	10,600*	220
230				18.1	239.6	8,600*	39.7	299.8	10,100*	230
240							35.1	286.3	9,600*	240
250							30.0	270.3	9,200*	250
260							23.8	249.9	8,900*	260
270							15.5	220.8	8,600*	270



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

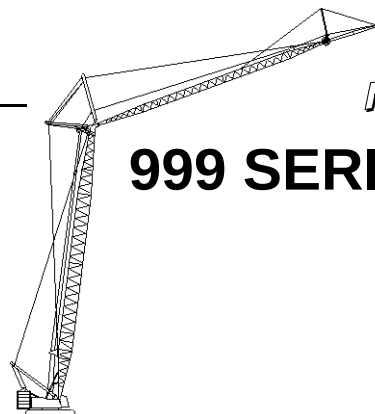
170 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	76.0	391.6	15,100*							70
75	74.6	390.2	14,800*							75
80	73.3	388.7	14,600*							80
85	71.9	387.1	14,300*							85
90	70.5	385.3	14,000*							90
95	69.2	383.4	13,800*							95
100	67.8	381.4	13,500*							100
105	66.3	379.2	13,300*	70.5	383.9	13,700*				105
110	64.9	376.9	13,000*	69.1	382.0	13,500*				110
115	63.5	374.4	12,800*	67.7	379.9	13,300*				115
120	62.0	371.7	12,600*	66.3	377.7	13,100*				120
125	60.5	368.9	12,400*	64.8	375.4	12,800*				125
130	59.0	365.9	12,200*	63.4	372.9	12,600*				130
135	57.5	362.7	12,000*	61.9	370.2	12,500*				135
140	55.9	359.4	11,800*	60.4	367.4	12,200*				140
145	54.3	355.8	11,600*	58.9	364.4	12,000*				145
150	52.7	352.0	11,300*	57.4	361.2	11,900*				150
155	51.0	348.0	11,000*	55.8	357.8	11,700*				155
160	49.3	343.7	10,700*	54.2	354.2	11,500*				160
165	47.5	339.1	10,400*	52.6	350.4	11,400*				165
170	45.7	334.3	10,200*	50.9	346.4	11,100*				170
175	43.9	329.1	9,900*	49.2	342.1	10,800*				175
180	42.0	323.6	9,700*	47.5	337.6	10,500*				180
185	39.9	317.7	9,500*	45.7	332.7	10,300*				185
190	37.8	311.4	9,300*	43.8	327.5	10,000*	56.5	349.9	11,000*	190
195	35.6	304.5	9,100*	41.9	322.0	9,800*	55.0	346.4	10,900*	195
200	33.3	297.1	8,900*	39.9	316.1	9,500*	53.3	342.7	10,800*	200
205	30.8	288.9	8,700*	37.8	309.7	9,300*	51.7	338.8	10,700*	205
210	28.1	279.8	8,600*	35.5	302.8	9,100*	50.0	334.6	10,700*	210
220	21.8	257.6	8,300*	30.7	287.1	8,800*	46.5	325.5	10,400*	220
230	12.8	224.1	8,000*	25.0	267.6	8,400*	42.8	315.1	10,000*	230
240				17.7	241.1	8,200*	38.7	303.2	9,500*	240
250							34.3	289.4	9,100*	250
260							29.3	272.8	8,800*	260
270							23.3	252.0	8,400*	270
280							15.1	222.1	8,200*	280

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
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999 SERIES 3

170 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

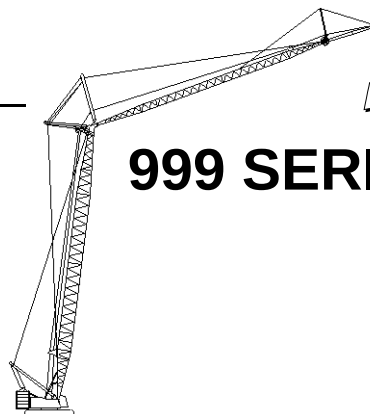
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.3	400.6	14,100*							75
80	74.0	399.2	13,900*							80
85	72.7	397.6	13,700*							85
90	71.4	396.0	13,400*							90
95	70.1	394.1	13,200*							95
100	68.8	392.2	13,000*							100
105	67.4	390.1	12,800*							105
110	66.1	387.9	12,500*	70.0	392.7	12,900*				110
115	64.7	385.6	12,300*	68.7	390.8	12,700*				115
120	63.3	383.0	12,100*	67.4	388.7	12,500*				120
125	61.9	380.4	11,900*	66.0	386.5	12,300*				125
130	60.5	377.6	11,700*	64.6	384.1	12,100*				130
135	59.0	374.6	11,600*	63.2	381.6	11,900*				135
140	57.6	371.4	11,400*	61.8	378.9	11,800*				140
145	56.1	368.1	11,200*	60.4	376.1	11,600*				145
150	54.6	364.5	11,100*	59.0	373.1	11,500*				150
155	53.0	360.8	10,800*	57.5	369.9	11,300*				155
160	51.4	356.8	10,500*	56.0	366.5	11,100*				160
165	49.8	352.6	10,300*	54.5	363.0	11,000*				165
170	48.1	348.1	10,000*	52.9	359.2	10,900*				170
175	46.4	343.4	9,800*	51.3	355.2	10,600*				175
180	44.7	338.4	9,500*	49.7	351.0	10,300*				180
185	42.9	333.1	9,300*	48.1	346.6	10,100*				185
190	41.0	327.4	9,100*	46.4	341.8	9,800*				190
195	39.0	321.3	8,900*	44.6	336.8	9,600*	56.7	358.6	10,400*	195
200	37.0	314.7	8,700*	42.8	331.4	9,400*	55.2	355.2	10,300*	200
205	34.8	307.6	8,600*	40.9	325.7	9,200*	53.7	351.5	10,200*	205
210	32.6	299.9	8,400*	38.9	319.6	9,000*	52.1	347.6	10,200*	210
220	27.5	282.2	8,100*	34.7	305.9	8,600*	48.8	339.2	10,000*	220
230	21.3	259.5	7,800*	30.0	289.8	8,300*	45.4	329.7	9,800*	230
240	12.5	225.2	7,600*	24.5	269.8	8,000*	41.8	318.9	9,300*	240
250				17.3	242.6	7,800*	37.8	306.6	8,900*	250
260							33.5	292.4	8,600*	260
270							28.6	275.3	8,300*	270
280							22.7	253.9	8,000*	280
290							14.8	223.3	7,800*	290



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 3

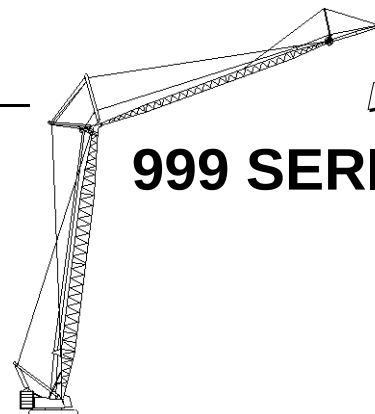
180 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.1	352.6	27,200*							60
65	73.3	351.1	26,900*							65
70	71.5	349.5	26,600*							70
75	69.8	347.7	26,300*							75
80	68.0	345.7	26,100*							80
85	66.1	343.5	25,900*							85
90	64.3	341.2	25,600*	70.0	346.5	26,600*				90
95	62.4	338.6	24,900*	68.2	344.5	26,400*				95
100	60.5	335.8	24,000*	66.4	342.4	26,200*				100
105	58.5	332.8	23,200*	64.5	340.0	26,000*				105
110	56.5	329.5	22,400*	62.6	337.5	25,400*				110
115	54.5	326.0	21,700*	60.7	334.7	24,500*				115
120	52.4	322.2	21,000*	58.8	331.8	23,700*				120
125	50.2	318.1	20,400*	56.8	328.5	22,900*				125
130	48.0	313.7	19,800*	54.7	325.1	22,100*				130
135	45.6	308.9	19,300*	52.6	321.3	21,500*				135
140	43.2	303.7	18,800*	50.5	317.3	20,800*				140
145	40.7	298.1	18,300*	48.3	312.9	20,200*				145
150	38.0	291.8	17,900*	45.9	308.1	19,600*				150
155	35.2	285.0	17,500*	43.5	303.0	19,100*				155
160	32.1	277.3	17,100*	41.0	297.4	18,600*				160
165	28.7	268.6	16,600*	38.4	291.2	18,200*	56.6	318.2	22,700*	165
170	24.9	258.4	16,000*	35.5	284.5	17,800*	54.5	314.7	21,900	170
175	20.5	246.2	15,300*	32.5	276.9	17,400*	52.4	310.9	21,000	175
180	14.8	229.9	14,700*	29.2	268.3	17,000*	50.3	306.8	20,200	180
185	3.6	197.0	14,100*	25.5	258.4	16,700*	48.0	302.4	19,400	185
190				21.1	246.5	16,300*	45.7	297.6	18,700	190
195				15.6	230.9	16,100*	43.3	292.5	18,000	195
200				6.4	203.8	15,900*	40.8	286.8	17,300	200
205							38.1	280.6	16,700	205
210							35.3	273.7	16,100	210
220							28.8	257.4	15,000	220
230							20.6	235.1	14,000	230
240							4.4	188.0	12,900	240

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

180 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

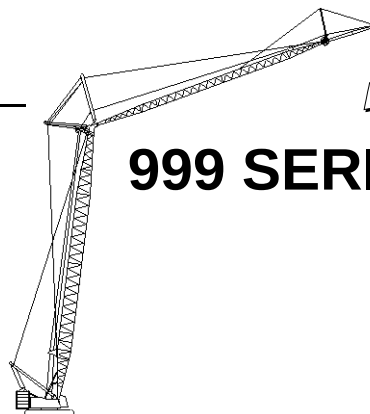
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.9	363.0	26,600*							60
65	74.3	361.6	26,300*							65
70	72.6	360.1	26,100*							70
75	70.9	358.4	25,800*							75
80	69.2	356.5	25,600*							80
85	67.5	354.5	25,400*							85
90	65.8	352.2	25,200*							90
95	64.0	349.8	24,400*	69.5	355.3	25,800*				95
100	62.3	347.3	23,500*	67.7	353.3	25,600*				100
105	60.4	344.5	22,800*	66.0	351.1	25,500*				105
110	58.6	341.5	22,000*	64.3	348.7	24,900*				110
115	56.7	338.2	21,300*	62.5	346.2	24,000*				115
120	54.8	334.7	20,700*	60.7	343.4	23,200*				120
125	52.8	331.0	20,100*	58.8	340.4	22,500*				125
130	50.8	327.0	19,500*	57.0	337.2	21,800*				130
135	48.7	322.7	19,000*	55.0	333.8	21,100*				135
140	46.5	318.0	18,500*	53.1	330.1	20,500*				140
145	44.3	313.0	18,100*	51.0	326.1	19,900*				145
150	41.9	307.6	17,600*	49.0	321.8	19,400*				150
155	39.5	301.7	17,200*	46.8	317.2	18,900*				155
160	36.9	295.2	16,800*	44.6	312.3	18,400*				160
165	34.1	288.0	16,300*	42.2	306.9	17,900*				165
170	31.2	280.1	15,700*	39.8	301.0	17,500*	56.8	326.9	21,400*	170
175	27.9	271.0	15,100*	37.2	294.6	17,100*	54.8	323.4	20,900	175
180	24.2	260.6	14,500*	34.5	287.6	16,800*	52.9	319.7	20,100	180
185	19.9	247.9	13,900*	31.6	279.7	16,400*	50.8	315.7	19,300	185
190	14.4	231.1	13,400*	28.3	270.8	16,100*	48.7	311.4	18,600	190
195	3.5	197.2	12,900*	24.7	260.6	15,800*	46.6	306.7	17,900	195
200				20.5	248.3	15,500*	44.3	301.7	17,200	200
205				15.2	232.2	15,300*	42.0	296.3	16,600	205
210				6.2	204.3	15,100*	39.6	290.4	16,000	210
220							34.2	276.8	14,900	220
230							28.0	259.9	13,900	230
240							20.0	236.9	12,900	240
250							4.3	188.3	12,000	250



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

180 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

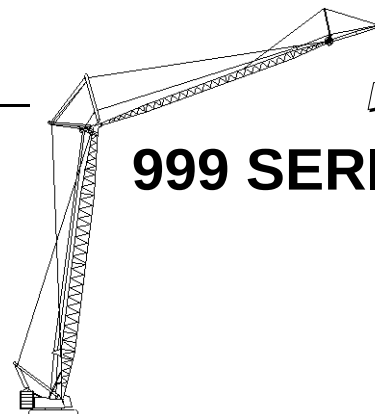
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.1	372.0	25,600*							65
70	73.5	370.5	25,200*							70
75	72.0	368.9	25,000*							75
80	70.4	367.2	24,700*							80
85	68.8	365.3	24,500*							85
90	67.1	363.2	24,200*							90
95	65.5	360.9	23,800*	70.6	366.0	23,700*				95
100	63.8	358.5	23,000*	69.0	364.1	23,600*				100
105	62.1	355.9	22,300*	67.4	362.0	23,500*				105
110	60.4	353.1	21,600*	65.7	359.8	23,200*				110
115	58.7	350.1	21,000*	64.0	357.4	23,100*				115
120	56.9	346.9	20,300*	62.4	354.8	22,700*				120
125	55.1	343.5	19,800*	60.6	352.1	22,000*				125
130	53.2	339.8	19,200*	58.9	349.1	21,400*				130
135	51.3	335.8	18,700*	57.1	345.9	20,700*				135
140	49.3	331.6	18,300*	55.3	342.5	20,200*				140
145	47.3	327.1	17,800*	53.4	338.8	19,600*				145
150	45.2	322.2	17,400*	51.5	334.9	19,100*				150
155	43.0	317.0	17,000*	49.6	330.7	18,600*				155
160	40.8	311.3	16,400*	47.6	326.3	18,100*				160
165	38.4	305.1	15,800*	45.5	321.4	17,700*				165
170	35.9	298.4	15,200*	43.3	316.2	17,300*				170
175	33.2	291.0	14,700*	41.1	310.6	16,900*	56.9	335.6	18,800*	175
180	30.3	282.8	14,100*	38.7	304.5	16,600*	55.1	332.1	18,600*	180
185	27.1	273.4	13,600*	36.2	297.9	16,300*	53.3	328.5	18,400*	185
190	23.5	262.6	13,100*	33.5	290.6	15,900*	51.3	324.5	18,200	190
195	19.4	249.6	12,700*	30.7	282.4	15,700*	49.4	320.3	17,500	195
200	14.0	232.3	12,300*	27.5	273.3	15,400*	47.4	315.8	16,800	200
205	3.4	197.5	11,900*	24.0	262.7	15,100*	45.3	310.9	16,200	205
210				19.9	250.0	14,900*	43.1	305.7	15,600	210
220				6.0	204.8	14,400*	38.5	293.9	14,500	220
230							33.3	279.8	13,500	230
240							27.2	262.3	12,600	240
250							19.5	238.6	11,700	250
260							4.2	188.6	10,800	260

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



180 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

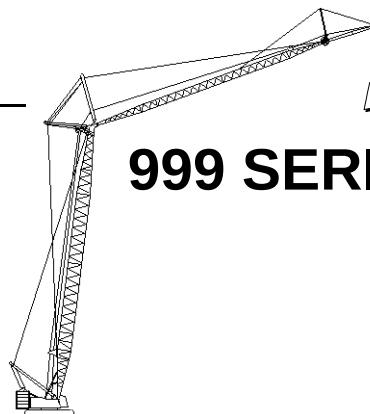
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.9	382.3	22,900*							65
70	74.4	381.0	22,800*							70
75	72.9	379.4	22,400*							75
80	71.4	377.8	22,100*							80
85	69.9	376.0	21,900*							85
90	68.3	374.0	21,600*							90
95	66.8	371.9	21,300*							95
100	65.2	369.6	21,100*	70.1	374.8	21,100*				100
105	63.6	367.2	20,900*	68.5	372.9	20,800*				105
110	62.0	364.6	20,700*	67.0	370.8	20,700*				110
115	60.4	361.8	20,500*	65.4	368.5	20,500*				115
120	58.7	358.8	19,900*	63.8	366.1	20,300*				120
125	57.0	355.6	19,300*	62.2	363.5	20,200*				125
130	55.3	352.2	18,800*	60.6	360.7	20,000*				130
135	53.6	348.5	18,300*	59.0	357.8	19,900*				135
140	51.8	344.7	17,800*	57.3	354.6	19,700*				140
145	49.9	340.5	17,300*	55.5	351.2	19,200*				145
150	48.0	336.1	16,800*	53.8	347.6	18,700*				150
155	46.0	331.3	16,200*	52.0	343.7	18,200*				155
160	44.0	326.3	15,700*	50.1	339.6	17,800*				160
165	41.9	320.8	15,200*	48.2	335.2	17,400*				165
170	39.7	314.9	14,700*	46.3	330.5	17,000*				170
175	37.4	308.5	14,200*	44.3	325.5	16,600*				175
180	34.9	301.6	13,700*	42.2	320.1	16,300*	57.1	344.3	16,400*	180
185	32.3	293.9	13,200*	40.0	314.3	16,000*	55.4	340.8	16,300*	185
190	29.5	285.4	12,800*	37.7	307.9	15,700*	53.6	337.2	16,200*	190
195	26.4	275.8	12,400*	35.2	301.1	15,400*	51.8	333.3	16,100*	195
200	22.9	264.7	12,000*	32.7	293.5	15,100*	50.0	329.2	16,000*	200
205	18.8	251.2	11,600*	29.9	285.1	14,900*	48.1	324.8	15,900	205
210	13.6	233.5	11,300*	26.8	275.7	14,600*	46.1	320.1	15,300	210
220				19.4	251.7	14,200*	42.0	309.5	14,200	220
230				5.8	205.2	12,800*	37.4	297.3	13,200	230
240							32.4	282.7	12,300	240
250							26.5	264.6	11,500	250
260							19.0	240.2	10,700	260
270							4.0	188.9	9,900	270



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

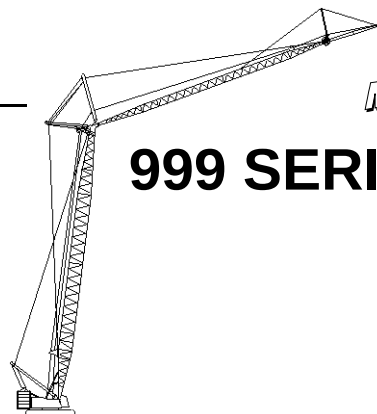
180 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.7	361.5	22,500*							65
70	73.0	360.0	22,200*							70
75	71.3	358.3	22,000*							75
80	69.6	356.4	21,700*							80
85	67.9	354.4	21,500*							85
90	66.2	352.2	21,200*							90
95	64.5	349.8	21,000*	69.9	355.3	21,900*				95
100	62.7	347.2	20,300*	68.2	353.2	21,700*				100
105	60.9	344.4	19,600*	66.4	351.1	21,500*				105
110	59.0	341.4	18,900*	64.7	348.7	21,300*				110
115	57.1	338.2	18,300*	62.9	346.1	20,700*				115
120	55.2	334.7	17,700*	61.1	343.3	20,000*				120
125	53.2	331.0	17,100*	59.2	340.4	19,300*				125
130	51.2	326.9	16,600*	57.4	337.2	18,600*				130
135	49.1	322.6	16,200*	55.4	333.7	18,000*				135
140	46.9	318.0	15,700*	53.5	330.0	17,500*				140
145	44.7	312.9	15,300*	51.4	326.0	16,900*				145
150	42.3	307.5	14,900*	49.4	321.8	16,500*				150
155	39.9	301.6	14,500*	47.2	317.2	16,000*				155
160	37.3	295.1	14,200*	45.0	312.2	15,600*				160
165	34.5	287.9	13,900*	42.6	306.8	15,200*				165
170	31.6	280.0	13,600*	40.2	300.9	14,800*	57.2	326.8	18,600*	170
175	28.3	270.9	13,300*	37.6	294.5	14,400*	55.2	323.4	18,000*	175
180	24.6	260.5	13,100*	34.9	287.5	14,100*	53.3	319.6	17,500*	180
185	20.3	247.8	12,900*	31.9	279.6	13,800*	51.2	315.6	17,000*	185
190	14.7	230.9	12,700*	28.7	270.7	13,500*	49.2	311.3	16,600*	190
195	3.6	196.3	12,500*	25.1	260.5	13,300*	47.0	306.7	16,100*	195
200				20.9	248.1	13,000*	44.8	301.7	15,700*	200
205				15.5	232.0	12,800*	42.4	296.2	15,300*	205
210				6.5	203.8	12,700*	40.0	290.3	14,900*	210
220							34.6	276.7	14,300*	220
230							28.4	259.8	13,700*	230
240							20.4	236.7	13,100	240
250							4.5	187.6	12,200	250

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

180 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

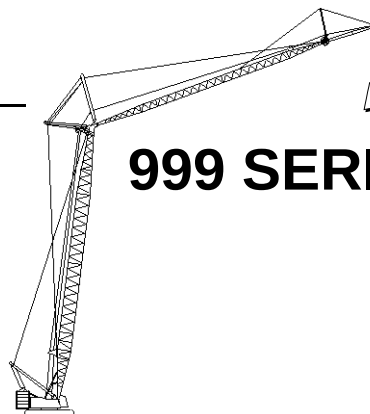
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.5	371.9	22,100*							65
70	73.9	370.5	21,800*							70
75	72.4	368.9	21,600*							75
80	70.8	367.1	21,300*							80
85	69.2	365.2	21,100*							85
90	67.5	363.1	20,900*							90
95	65.9	360.9	20,600*	71.0	365.9	21,500*				95
100	64.2	358.5	19,900*	69.4	364.0	21,300*				100
105	62.5	355.9	19,200*	67.7	362.0	21,100*				105
110	60.8	353.1	18,600*	66.1	359.8	21,000*				110
115	59.1	350.1	18,000*	64.4	357.4	20,300*				115
120	57.3	346.8	17,400*	62.7	354.8	19,600*				120
125	55.5	343.4	16,900*	61.0	352.0	18,900*				125
130	53.6	339.7	16,400*	59.3	349.0	18,300*				130
135	51.7	335.8	15,900*	57.5	345.8	17,700*				135
140	49.7	331.6	15,500*	55.7	342.4	17,200*				140
145	47.7	327.0	15,100*	53.8	338.8	16,700*				145
150	45.6	322.1	14,700*	51.9	334.9	16,200*				150
155	43.4	316.9	14,300*	50.0	330.7	15,800*				155
160	41.1	311.2	14,000*	48.0	326.2	15,300*				160
165	38.8	305.1	13,700*	45.9	321.4	14,900*				165
170	36.2	298.3	13,400*	43.7	316.2	14,600*				170
175	33.6	290.9	13,100*	41.4	310.5	14,200*	57.3	335.5	17,600*	175
180	30.7	282.7	12,900*	39.1	304.4	13,900*	55.5	332.1	17,200*	180
185	27.5	273.3	12,600*	36.6	297.8	13,600*	53.6	328.4	16,700*	185
190	23.9	262.5	12,400*	33.9	290.5	13,300*	51.7	324.5	16,200*	190
195	19.7	249.4	12,200*	31.1	282.3	13,000*	49.8	320.2	15,800*	195
200	14.3	232.1	11,800*	27.9	273.2	12,800*	47.7	315.7	15,400*	200
205	3.5	196.5	11,400*	24.4	262.6	12,600*	45.7	310.9	15,100*	205
210				20.3	249.8	12,400*	43.5	305.6	14,700*	210
220				6.3	204.3	12,000*	38.8	293.8	14,000*	220
230							33.6	279.7	13,400*	230
240							27.6	262.2	12,900*	240
250							19.8	238.4	12,200	250
260							4.3	187.8	11,300	260



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

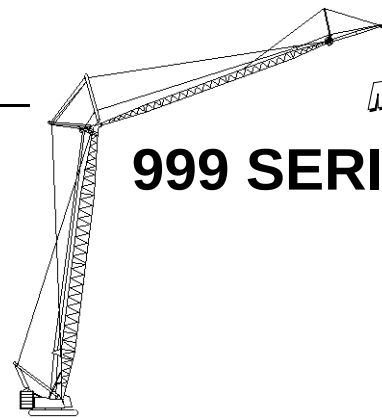
180 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.8	380.9	21,300*							70
75	73.3	379.4	21,100*							75
80	71.8	377.7	20,900*							80
85	70.2	375.9	20,700*							85
90	68.7	374.0	20,500*							90
95	67.2	371.9	20,200*							95
100	65.6	369.6	19,500*	70.4	374.7	20,600*				100
105	64.0	367.1	18,800*	68.9	372.8	20,400*				105
110	62.4	364.5	18,200*	67.4	370.7	20,300*				110
115	60.8	361.7	17,600*	65.8	368.5	19,900*				115
120	59.1	358.7	17,100*	64.2	366.0	19,200*				120
125	57.4	355.5	16,600*	62.6	363.4	18,600*				125
130	55.7	352.1	16,100*	61.0	360.7	18,000*				130
135	53.9	348.5	15,700*	59.3	357.7	17,400*				135
140	52.1	344.6	15,300*	57.6	354.5	16,900*				140
145	50.3	340.5	14,900*	55.9	351.1	16,400*				145
150	48.4	336.0	14,500*	54.2	347.5	16,000*				150
155	46.4	331.3	14,200*	52.4	343.7	15,500*				155
160	44.4	326.2	13,800*	50.5	339.6	15,100*				160
165	42.2	320.7	13,500*	48.6	335.2	14,700*				165
170	40.0	314.8	13,200*	46.7	330.5	14,400*				170
175	37.7	308.4	13,000*	44.6	325.4	14,000*				175
180	35.3	301.5	12,700*	42.5	320.0	13,700*	57.5	344.2	16,500*	180
185	32.7	293.8	12,500*	40.3	314.2	13,400*	55.7	340.8	16,300*	185
190	29.9	285.3	12,300*	38.0	307.9	13,200*	54.0	337.2	15,900*	190
195	26.8	275.7	12,000*	35.6	301.0	12,900*	52.2	333.3	15,500*	195
200	23.3	264.5	11,600*	33.0	293.4	12,600*	50.3	329.1	15,100*	200
205	19.2	251.1	11,200*	30.2	285.0	12,400*	48.4	324.7	14,800*	205
210	13.9	233.3	10,900*	27.2	275.5	12,200*	46.5	320.0	14,500*	210
220				19.8	251.5	11,800*	42.3	309.5	13,800*	220
230				6.1	204.7	11,600*	37.8	297.2	13,300*	230
240							32.8	282.6	12,700	240
250							26.9	264.5	11,800	250
260							19.3	240.1	11,000	260
270							4.2	188.1	10,200	270

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

180 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

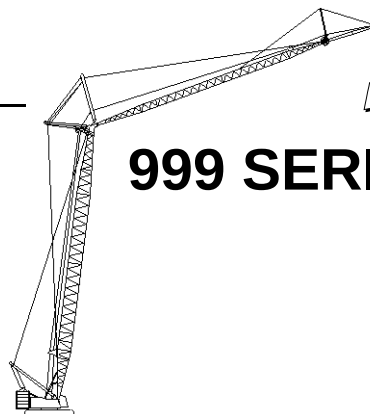
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.5	391.3	20,200*							70
75	74.1	389.9	19,900*							75
80	72.7	388.3	19,700*							80
85	71.2	386.6	19,400*							85
90	69.8	384.7	19,200*							90
95	68.3	382.7	18,900*							95
100	66.8	380.6	18,700*							100
105	65.3	378.3	18,400*	70.0	383.5	18,500*				105
110	63.8	375.8	17,800*	68.5	381.6	18,300*				110
115	62.3	373.2	17,200*	67.0	379.4	18,200*				115
120	60.7	370.4	16,700*	65.5	377.2	18,000*				120
125	59.1	367.4	16,200*	64.0	374.7	17,900*				125
130	57.5	364.2	15,800*	62.5	372.1	17,500*				130
135	55.9	360.8	15,400*	60.9	369.3	17,000*				135
140	54.2	357.2	15,000*	59.4	366.4	16,500*				140
145	52.5	353.4	14,600*	57.7	363.2	16,100*				145
150	50.8	349.3	14,200*	56.1	359.8	15,600*				150
155	49.0	345.0	13,900*	54.4	356.3	15,200*				155
160	47.1	340.4	13,600*	52.7	352.5	14,800*				160
165	45.2	335.4	13,300*	51.0	348.4	14,500*				165
170	43.2	330.1	13,000*	49.2	344.1	14,100*				170
175	41.2	324.5	12,700*	47.4	339.5	13,800*				175
180	39.0	318.3	12,500*	45.5	334.6	13,500*				180
185	36.8	311.7	12,300*	43.5	329.4	13,200*	57.6	352.9	14,600*	185
190	34.4	304.5	12,000*	41.4	323.8	12,900*	55.9	349.5	14,500*	190
195	31.8	296.6	11,700*	39.3	317.7	12,700*	54.3	345.9	14,400*	195
200	29.1	287.8	11,400*	37.1	311.2	12,400*	52.6	342.1	14,300*	200
205	26.1	277.9	11,000*	34.7	304.1	12,200*	50.8	338.0	14,200*	205
210	22.7	266.5	10,600*	32.2	296.2	12,000*	49.0	333.7	14,100*	210
220	13.6	234.4	10,000*	26.5	277.8	11,600*	45.3	324.1	13,500*	220
230				19.3	253.2	11,300*	41.2	313.2	13,000*	230
240				5.9	205.1	11,000*	36.8	300.5	12,400	240
250							31.9	285.4	11,600	250
260							26.2	266.8	10,800	260
270							18.8	241.7	10,000	270
280							4.1	188.4	9,300	280



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

180 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

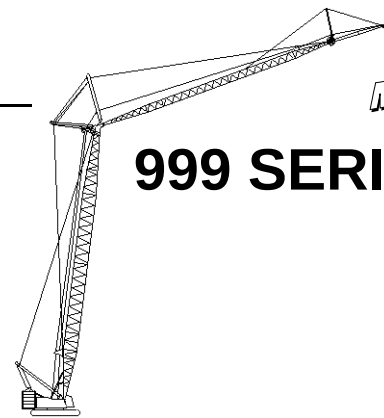
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.6	371.9	19,300*							65
70	74.0	370.5	19,000*							70
75	72.5	368.9	18,800*							75
80	70.9	367.1	18,500*							80
85	69.3	365.2	18,300*							85
90	67.6	363.1	18,100*							90
95	66.0	360.9	17,800*							95
100	64.3	358.5	17,600*	69.5	364.0	18,500*				100
105	62.6	355.9	17,300*	67.8	362.0	18,300*				105
110	60.9	353.1	16,700*	66.2	359.8	18,100*				110
115	59.2	350.1	16,100*	64.5	357.4	17,900*				115
120	57.4	346.9	15,500*	62.8	354.8	17,600*				120
125	55.5	343.4	15,000*	61.1	352.0	17,000*				125
130	53.7	339.7	14,600*	59.4	349.0	16,400*				130
135	51.8	335.8	14,100*	57.6	345.9	15,900*				135
140	49.8	331.6	13,700*	55.8	342.4	15,300*				140
145	47.8	327.0	13,300*	53.9	338.8	14,800*				145
150	45.7	322.2	13,000*	52.0	334.9	14,400*				150
155	43.5	316.9	12,600*	50.1	330.7	14,000*				155
160	41.2	311.2	12,300*	48.0	326.2	13,600*				160
165	38.9	305.1	12,000*	46.0	321.4	13,200*				165
170	36.3	298.3	11,700*	43.8	316.2	12,900*				170
175	33.7	290.9	11,500*	41.5	310.6	12,500*	57.4	335.5	15,800*	175
180	30.8	282.7	11,200*	39.2	304.5	12,200*	55.6	332.1	15,400*	180
185	27.6	273.4	11,000*	36.7	297.8	11,900*	53.7	328.4	14,900*	185
190	24.0	262.5	10,800*	34.0	290.5	11,700*	51.8	324.5	14,500*	190
195	19.8	249.5	10,600*	31.2	282.4	11,400*	49.9	320.3	14,100*	195
200	14.4	232.1	10,500*	28.0	273.2	11,200*	47.8	315.7	13,700*	200
205	3.6	196.6	10,400*	24.5	262.6	10,900*	45.8	310.9	13,300*	205
210				20.4	249.9	10,800*	43.6	305.6	13,000*	210
220				6.4	204.3	10,400*	38.9	293.8	12,300*	220
230							33.7	279.7	11,800*	230
240							27.7	262.2	11,300*	240
250							19.9	238.4	10,900*	250
260							4.5	188.0	10,500*	260

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



180 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

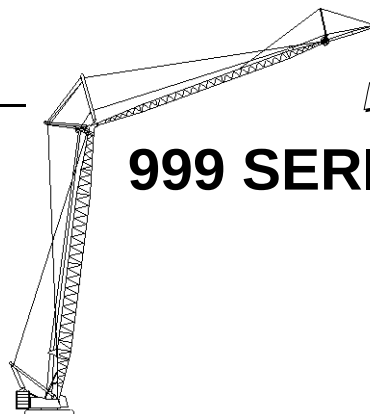
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.8	380.9	18,700*							70
75	73.4	379.4	18,500*							75
80	71.9	377.7	18,200*							80
85	70.3	375.9	18,000*							85
90	68.8	374.0	17,800*							90
95	67.3	371.9	17,600*							95
100	65.7	369.6	17,400*	70.5	374.8	18,200*				100
105	64.1	367.2	17,000*	69.0	372.8	18,000*				105
110	62.5	364.5	16,400*	67.5	370.7	17,800*				110
115	60.9	361.7	15,800*	65.9	368.5	17,600*				115
120	59.2	358.7	15,300*	64.3	366.0	17,300*				120
125	57.5	355.5	14,800*	62.7	363.4	16,700*				125
130	55.8	352.1	14,300*	61.1	360.7	16,100*				130
135	54.0	348.5	13,900*	59.4	357.7	15,600*				135
140	52.2	344.6	13,500*	57.7	354.5	15,100*				140
145	50.4	340.5	13,100*	56.0	351.1	14,600*				145
150	48.5	336.0	12,800*	54.2	347.5	14,200*				150
155	46.5	331.3	12,500*	52.4	343.7	13,800*				155
160	44.5	326.2	12,100*	50.6	339.6	13,400*				160
165	42.3	320.7	11,900*	48.7	335.2	13,000*				165
170	40.1	314.8	11,600*	46.7	330.5	12,700*				170
175	37.8	308.5	11,300*	44.7	325.4	12,300*				175
180	35.4	301.5	11,100*	42.6	320.0	12,000*	57.6	344.2	14,900*	180
185	32.8	293.8	10,800*	40.4	314.2	11,800*	55.8	340.8	14,600*	185
190	29.9	285.3	10,600*	38.1	307.9	11,500*	54.1	337.2	14,200*	190
195	26.9	275.7	10,400*	35.7	301.0	11,200*	52.3	333.3	13,800*	195
200	23.4	264.5	10,300*	33.1	293.4	11,000*	50.4	329.1	13,400*	200
205	19.3	251.1	10,100*	30.3	285.0	10,800*	48.5	324.7	13,100*	205
210	14.0	233.3	9,900*	27.3	275.6	10,600*	46.5	320.0	12,800*	210
220				19.9	251.6	10,200*	42.4	309.5	12,100*	220
230				6.2	204.8	9,900*	37.9	297.2	11,600*	230
240							32.8	282.6	11,100*	240
250							27.0	264.5	10,700*	250
260							19.4	240.1	10,300*	260
270							4.3	188.2	10,000*	270



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

180 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

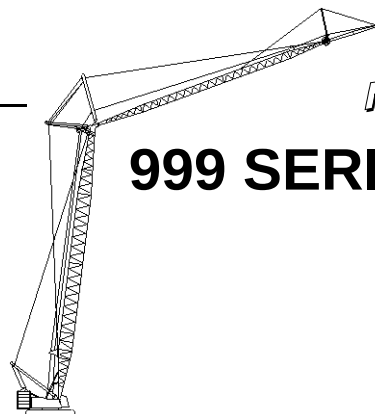
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.6	391.3	18,300*							70
75	74.2	389.9	18,100*							75
80	72.7	388.3	17,900*							80
85	71.3	386.6	17,700*							85
90	69.9	384.7	17,400*							90
95	68.4	382.7	17,200*							95
100	66.9	380.6	16,900*							100
105	65.4	378.3	16,600*	70.0	383.6	17,000*				105
110	63.9	375.8	16,100*	68.6	381.6	16,800*				110
115	62.4	373.2	15,500*	67.1	379.4	16,600*				115
120	60.8	370.4	15,000*	65.6	377.2	16,500*				120
125	59.2	367.4	14,600*	64.1	374.7	16,200*				125
130	57.6	364.2	14,100*	62.6	372.1	15,800*				130
135	56.0	360.8	13,700*	61.0	369.3	15,300*				135
140	54.3	357.2	13,300*	59.4	366.4	14,800*				140
145	52.6	353.4	13,000*	57.8	363.2	14,400*				145
150	50.8	349.3	12,600*	56.2	359.9	14,000*				150
155	49.1	345.0	12,300*	54.5	356.3	13,600*				155
160	47.2	340.4	12,000*	52.8	352.5	13,200*				160
165	45.3	335.4	11,700*	51.1	348.4	12,800*				165
170	43.3	330.1	11,400*	49.3	344.1	12,500*				170
175	41.3	324.5	11,200*	47.4	339.5	12,200*				175
180	39.1	318.4	10,900*	45.5	334.6	11,900*				180
185	36.9	311.7	10,700*	43.6	329.4	11,600*	57.7	352.9	13,800*	185
190	34.5	304.5	10,500*	41.5	323.8	11,300*	56.0	349.5	13,700*	190
195	31.9	296.6	10,300*	39.4	317.7	11,100*	54.4	345.9	13,500*	195
200	29.2	287.9	10,100*	37.2	311.2	10,900*	52.7	342.1	13,200*	200
205	26.2	277.9	9,900*	34.8	304.1	10,600*	50.9	338.0	12,900*	205
210	22.8	266.5	9,800*	32.3	296.3	10,400*	49.1	333.7	12,500*	210
220	13.6	234.4	9,500*	26.6	277.9	10,100*	45.3	324.1	12,000*	220
230				19.3	253.2	9,700*	41.3	313.2	11,400*	230
240				6.0	205.2	9,500*	36.9	300.5	10,900*	240
250							32.0	285.4	10,500*	250
260							26.3	266.8	10,200*	260
270							18.9	241.7	9,800*	270
280							4.2	188.5	9,600*	280

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



180 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

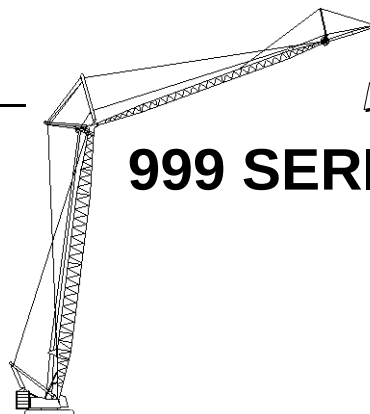
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.9	400.3	17,000*							75
80	73.6	398.8	16,800*							80
85	72.2	397.2	16,500*							85
90	70.8	395.4	16,300*							90
95	69.4	393.5	16,100*							95
100	68.0	391.5	15,900*							100
105	66.6	389.3	15,700*	71.0	394.2	15,900*				105
110	65.2	387.0	15,500*	69.6	392.3	15,700*				110
115	63.7	384.5	15,200*	68.2	390.3	15,500*				115
120	62.3	381.9	14,700*	66.8	388.2	15,300*				120
125	60.8	379.0	14,300*	65.4	385.9	15,200*				125
130	59.3	376.1	13,800*	63.9	383.4	15,000*				130
135	57.7	372.9	13,400*	62.5	380.8	14,900*				135
140	56.2	369.5	13,100*	61.0	378.0	14,500*				140
145	54.6	366.0	12,700*	59.5	375.0	14,100*				145
150	53.0	362.2	12,400*	57.9	371.9	13,700*				150
155	51.3	358.2	12,100*	56.4	368.5	13,300*				155
160	49.6	353.9	11,800*	54.8	365.0	12,900*				160
165	47.8	349.4	11,500*	53.2	361.3	12,600*				165
170	46.0	344.6	11,200*	51.5	357.3	12,300*				170
175	44.2	339.4	11,000*	49.8	353.1	12,000*				175
180	42.3	334.0	10,700*	48.1	348.6	11,700*				180
185	40.3	328.1	10,500*	46.3	343.8	11,400*				185
190	38.2	321.8	10,300*	44.4	338.7	11,100*	57.8	361.6	12,600*	190
195	36.0	314.9	10,100*	42.5	333.3	10,900*	56.2	358.2	12,500*	195
200	33.6	307.5	9,900*	40.5	327.4	10,700*	54.6	354.6	12,400*	200
205	31.2	299.4	9,800*	38.4	321.2	10,500*	53.0	350.9	12,300*	205
210	28.5	290.3	9,600*	36.3	314.4	10,200*	51.3	346.9	12,200*	210
220	22.2	268.4	9,300*	31.5	299.0	9,900*	47.9	338.1	11,700*	220
230	13.3	235.5	8,900*	25.9	280.1	9,600*	44.2	328.2	11,200*	230
240				18.9	254.8	9,300*	40.3	316.8	10,700*	240
250				5.8	205.7	9,100*	36.0	303.7	10,300*	250
260							31.2	288.2	10,000*	260
270							25.6	269.0	9,600*	270
280							18.5	243.3	9,300*	280
290							4.1	188.8	8,800	290



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

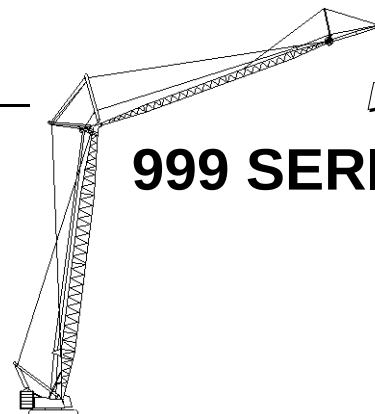
180 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.6	381.0	16,200*							70
75	73.2	379.4	15,800*							75
80	71.7	377.8	15,500*							80
85	70.1	376.0	15,200*							85
90	68.6	374.0	14,900*							90
95	67.1	371.9	14,600*							95
100	65.5	369.6	14,300*	70.3	374.8	15,000*				100
105	63.9	367.2	14,000*	68.8	372.9	14,700*				105
110	62.3	364.6	13,700*	67.3	370.8	14,400*				110
115	60.7	361.8	13,400*	65.7	368.5	14,100*				115
120	59.0	358.8	13,200*	64.1	366.1	13,900*				120
125	57.3	355.6	13,000*	62.5	363.5	13,600*				125
130	55.6	352.2	12,700*	60.9	360.7	13,400*				130
135	53.8	348.5	12,500*	59.2	357.8	13,200*				135
140	52.0	344.7	12,300*	57.5	354.6	12,900*				140
145	50.2	340.5	11,900*	55.8	351.2	12,700*				145
150	48.3	336.1	11,600*	54.1	347.6	12,500*				150
155	46.3	331.3	11,300*	52.3	343.7	12,300*				155
160	44.3	326.3	11,000*	50.4	339.6	12,100*				160
165	42.2	320.8	10,700*	48.5	335.2	11,800*				165
170	40.0	314.9	10,400*	46.6	330.5	11,500*				170
175	37.6	308.5	10,200*	44.5	325.5	11,200*				175
180	35.2	301.6	10,000*	42.4	320.1	10,900*	57.4	344.3	12,100*	180
185	32.6	293.9	9,700*	40.2	314.3	10,600*	55.6	340.8	12,000*	185
190	29.8	285.4	9,500*	37.9	307.9	10,300*	53.9	337.2	11,900*	190
195	26.7	275.8	9,300*	35.5	301.1	10,100*	52.1	333.3	11,700*	195
200	23.2	264.7	9,000*	32.9	293.5	9,900*	50.2	329.2	11,600*	200
205	19.1	251.2	8,800*	30.1	285.1	9,600*	48.3	324.8	11,500*	205
210	13.9	233.5	8,600*	27.1	275.7	9,400*	46.4	320.1	11,400*	210
220				19.7	251.7	9,100*	42.2	309.5	11,000*	220
230				6.1	205.2	8,700*	37.7	297.3	10,400*	230
240							32.7	282.7	10,000*	240
250							26.8	264.6	9,500*	250
260							19.2	240.2	9,200*	260
270							4.3	188.9	8,900*	270

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

180 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.4	391.3	15,600*							70
75	74.0	389.9	15,300*							75
80	72.6	388.3	15,000*							80
85	71.1	386.6	14,700*							85
90	69.7	384.8	14,500*							90
95	68.2	382.8	14,200*							95
100	66.7	380.6	13,900*							100
105	65.2	378.3	13,600*	69.9	383.6	14,200*				105
110	63.7	375.9	13,400*	68.4	381.6	14,000*				110
115	62.2	373.2	13,100*	66.9	379.5	13,700*				115
120	60.6	370.4	12,900*	65.4	377.2	13,500*				120
125	59.1	367.5	12,600*	63.9	374.8	13,300*				125
130	57.4	364.3	12,500*	62.4	372.2	13,000*				130
135	55.8	360.9	12,200*	60.8	369.4	12,800*				135
140	54.1	357.3	12,000*	59.3	366.4	12,600*				140
145	52.4	353.5	11,800*	57.7	363.3	12,400*				145
150	50.7	349.4	11,500*	56.0	359.9	12,200*				150
155	48.9	345.0	11,100*	54.3	356.3	12,000*				155
160	47.0	340.4	10,800*	52.6	352.5	11,800*				160
165	45.1	335.5	10,600*	50.9	348.5	11,700*				165
170	43.1	330.2	10,300*	49.1	344.2	11,300*				170
175	41.1	324.5	10,000*	47.3	339.6	11,000*				175
180	38.9	318.4	9,800*	45.4	334.7	10,700*				180
185	36.7	311.8	9,600*	43.4	329.5	10,500*	57.5	352.9	11,500*	185
190	34.3	304.6	9,400*	41.4	323.9	10,200*	55.9	349.6	11,400*	190
195	31.8	296.7	9,200*	39.2	317.8	10,000*	54.2	346.0	11,400*	195
200	29.0	287.9	9,000*	37.0	311.3	9,700*	52.5	342.1	11,300*	200
205	26.0	278.0	8,800*	34.6	304.1	9,500*	50.7	338.1	11,100*	205
210	22.6	266.6	8,700*	32.1	296.3	9,300*	48.9	333.7	11,100*	210
220	13.5	234.6	8,400*	26.4	278.0	8,900*	45.2	324.2	10,800*	220
230				19.2	253.3	8,600*	41.1	313.3	10,300*	230
240				5.9	205.7	8,400*	36.8	300.6	9,800*	240
250							31.8	285.5	9,400*	250
260							26.1	266.9	9,000*	260
270							18.8	241.8	8,700*	270
280							4.2	189.2	8,400*	280



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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

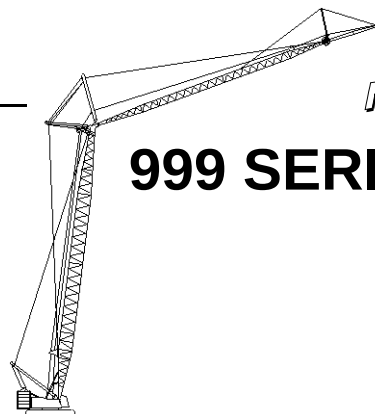
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.7	400.3	14,700*							75
80	73.4	398.8	14,400*							80
85	72.0	397.2	14,100*							85
90	70.6	395.5	13,900*							90
95	69.3	393.6	13,700*							95
100	67.9	391.5	13,400*							100
105	66.4	389.4	13,200*	70.8	394.3	13,700*				105
110	65.0	387.0	12,900*	69.4	392.4	13,400*				110
115	63.6	384.5	12,700*	68.0	390.4	13,200*				115
120	62.1	381.9	12,500*	66.6	388.2	13,000*				120
125	60.6	379.1	12,300*	65.2	385.9	12,800*				125
130	59.1	376.1	12,100*	63.7	383.4	12,600*				130
135	57.6	372.9	11,900*	62.3	380.8	12,400*				135
140	56.0	369.6	11,700*	60.8	378.0	12,200*				140
145	54.4	366.0	11,500*	59.3	375.1	12,000*				145
150	52.8	362.2	11,300*	57.8	371.9	11,800*				150
155	51.1	358.2	11,000*	56.2	368.6	11,700*				155
160	49.4	354.0	10,700*	54.6	365.1	11,500*				160
165	47.7	349.5	10,400*	53.0	361.3	11,400*				165
170	45.9	344.6	10,200*	51.3	357.3	11,200*				170
175	44.0	339.5	9,900*	49.6	353.1	10,900*				175
180	42.1	334.0	9,700*	47.9	348.6	10,600*				180
185	40.1	328.2	9,500*	46.1	343.8	10,300*				185
190	38.0	321.8	9,300*	44.3	338.8	10,100*	57.6	361.6	10,900*	190
195	35.8	315.0	9,100*	42.3	333.3	9,800*	56.0	358.3	10,900*	195
200	33.5	307.6	8,900*	40.3	327.5	9,600*	54.5	354.7	10,800*	200
205	31.0	299.5	8,700*	38.3	321.2	9,400*	52.8	350.9	10,700*	205
210	28.3	290.4	8,500*	36.1	314.5	9,200*	51.2	346.9	10,600*	210
220	22.1	268.5	8,200*	31.3	299.1	8,800*	47.7	338.2	10,500*	220
230	13.2	235.7	8,000*	25.8	280.2	8,500*	44.1	328.2	10,100*	230
240				18.7	254.9	8,200*	40.1	316.9	9,700*	240
250				5.8	206.1	8,000*	35.9	303.8	9,300*	250
260							31.1	288.3	8,900*	260
270							25.5	269.1	8,600*	270
280							18.3	243.4	8,300*	280
290							4.1	189.5	8,000*	290

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



180 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

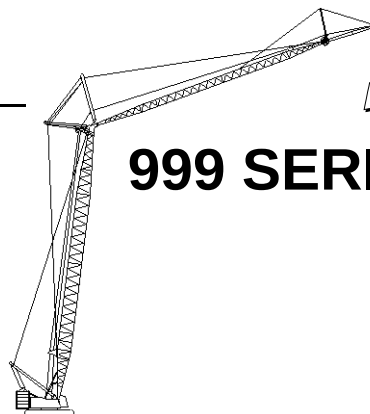
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.4	410.7	13,900*							75
80	74.1	409.3	13,700*							80
85	72.8	407.7	13,500*							85
90	71.5	406.1	13,300*							90
95	70.2	404.3	13,100*							95
100	68.9	402.3	12,900*							100
105	67.5	400.3	12,600*							105
110	66.2	398.1	12,500*	70.4	403.1	12,800*				110
115	64.8	395.7	12,300*	69.0	401.2	12,600*				115
120	63.4	393.2	12,000*	67.7	399.1	12,500*				120
125	62.0	390.6	11,800*	66.3	396.9	12,200*				125
130	60.6	387.8	11,700*	65.0	394.6	12,100*				130
135	59.1	384.8	11,500*	63.6	392.1	11,900*				135
140	57.7	381.6	11,300*	62.2	389.5	11,700*				140
145	56.2	378.3	11,200*	60.8	386.7	11,600*				145
150	54.7	374.8	11,000*	59.3	383.7	11,400*				150
155	53.1	371.0	10,800*	57.9	380.6	11,300*				155
160	51.5	367.1	10,500*	56.4	377.3	11,100*				160
165	49.9	362.9	10,200*	54.9	373.8	11,000*				165
170	48.3	358.4	10,000*	53.3	370.1	10,800*				170
175	46.6	353.7	9,700*	51.7	366.2	10,700*				175
180	44.8	348.8	9,500*	50.1	362.0	10,400*				180
185	43.0	343.4	9,300*	48.5	357.6	10,100*				185
190	41.1	337.8	9,100*	46.8	352.9	9,900*				190
195	39.2	331.7	8,900*	45.0	348.0	9,700*	57.7	370.3	10,200*	195
200	37.1	325.2	8,700*	43.2	342.7	9,400*	56.2	367.0	10,200*	200
205	35.0	318.1	8,600*	41.4	337.1	9,200*	54.7	363.4	10,200*	205
210	32.7	310.5	8,400*	39.4	331.1	9,000*	53.2	359.7	10,100*	210
220	27.7	292.9	8,100*	35.3	317.6	8,700*	50.0	351.6	10,000*	220
230	21.6	270.4	7,800*	30.6	301.8	8,300*	46.6	342.5	9,900*	230
240	12.9	236.8	7,600*	25.2	282.4	8,000*	43.0	332.2	9,500*	240
250				18.3	256.5	7,800*	39.2	320.4	9,100*	250
260				5.6	206.6	7,600*	35.0	306.9	8,700*	260
270							30.4	291.0	8,400*	270
280							24.9	271.3	8,100*	280
290							17.9	244.9	7,900*	290
300							4.0	189.8	7,700*	300



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

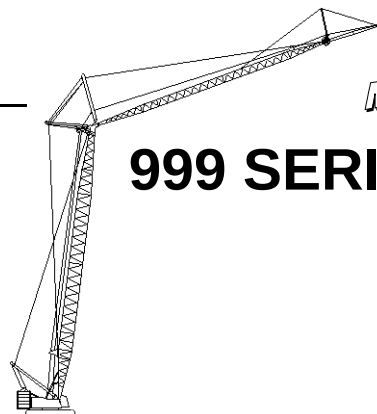
190 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.2	362.7	27,000*							60
65	73.4	361.2	26,700*							65
70	71.7	359.6	26,400*							70
75	69.9	357.8	26,200*							75
80	68.1	355.8	25,900*							80
85	66.3	353.7	25,700*							85
90	64.4	351.3	25,500*	70.4	356.9	26,400*				90
95	62.5	348.8	24,900*	68.6	355.0	26,200*				95
100	60.6	346.0	24,000*	66.8	352.9	26,000*				100
105	58.7	343.0	23,200*	65.0	350.6	25,900*				105
110	56.7	339.8	22,400*	63.1	348.1	25,600*				110
115	54.6	336.3	21,700*	61.2	345.4	24,700*				115
120	52.5	332.5	21,000*	59.2	342.4	23,900*				120
125	50.4	328.4	20,400*	57.3	339.3	23,100*				125
130	48.1	324.0	19,800*	55.2	335.9	22,300*				130
135	45.8	319.3	19,300*	53.2	332.2	21,600*				135
140	43.4	314.1	18,800*	51.0	328.2	21,000*				140
145	40.9	308.5	18,300*	48.8	323.9	20,400*				145
150	38.2	302.3	17,900*	46.5	319.3	19,800*				150
155	35.4	295.5	17,500*	44.1	314.2	19,300*				155
160	32.3	287.9	16,900*	41.6	308.7	18,800*				160
165	29.0	279.2	16,200*	39.0	302.7	18,300*	57.9	329.8	22,200	165
170	25.2	269.2	15,500*	36.2	296.1	17,900*	55.9	326.5	21,300	170
175	20.8	257.1	14,900*	33.3	288.7	17,500*	53.9	322.9	20,400	175
180	15.3	241.2	14,400*	30.0	280.5	17,100*	51.8	319.1	19,600	180
185	5.3	212.1	13,900*	26.4	270.9	16,700*	49.6	314.9	18,900	185
190				22.2	259.6	16,400*	47.3	310.4	18,200	190
195				17.1	245.1	16,100*	45.0	305.5	17,500	195
200				9.6	223.1	15,900*	42.5	300.1	16,800	200
205							39.9	294.3	16,200	205
210							37.2	287.9	15,600	210
220							31.2	272.9	14,500	220
230							23.7	253.2	13,500	230
240							12.7	221.7	12,600	240

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

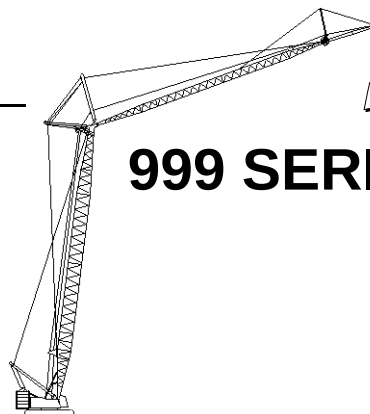
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	76.0	373.1	26,400*							60
65	74.4	371.7	26,200*							65
70	72.7	370.2	25,900*							70
75	71.0	368.5	25,700*							75
80	69.4	366.6	25,400*							80
85	67.6	364.6	25,200*							85
90	65.9	362.4	25,000*							90
95	64.2	360.0	24,400*	69.9	365.7	25,600*				95
100	62.4	357.4	23,500*	68.2	363.7	25,500*				100
105	60.6	354.7	22,800*	66.4	361.6	25,300*				105
110	58.7	351.7	22,000*	64.7	359.3	25,100*				110
115	56.8	348.4	21,400*	62.9	356.7	24,200*				115
120	54.9	345.0	20,700*	61.1	354.0	23,400*				120
125	52.9	341.3	20,100*	59.3	351.1	22,600*				125
130	50.9	337.3	19,600*	57.4	347.9	21,900*				130
135	48.8	333.0	19,000*	55.5	344.6	21,300*				135
140	46.7	328.4	18,500*	53.5	340.9	20,600*				140
145	44.4	323.4	18,100*	51.5	337.0	20,100*				145
150	42.1	318.0	17,600*	49.5	332.8	19,500*				150
155	39.7	312.1	17,200*	47.3	328.3	19,000*				155
160	37.1	305.6	16,500*	45.1	323.4	18,500*				160
165	34.3	298.6	15,900*	42.8	318.1	18,100*				165
170	31.4	290.6	15,300*	40.4	312.4	17,600*				170
175	28.1	281.7	14,700*	37.9	306.2	17,200*	56.2	335.2	20,300	175
180	24.5	271.4	14,100*	35.2	299.3	16,900*	54.2	331.7	19,500	180
185	20.2	258.9	13,600*	32.3	291.6	16,500*	52.2	327.9	18,700	185
190	14.8	242.5	13,100*	29.1	283.0	16,200*	50.2	323.8	18,000	190
195	5.2	212.5	12,600*	25.6	273.2	15,900*	48.1	319.4	17,400	195
200				21.6	261.4	15,600*	45.9	314.6	16,700	200
205				16.6	246.6	15,400*	43.6	309.5	16,100	205
210				9.3	223.9	15,200*	41.3	303.9	15,500	210
220							36.1	291.2	14,400	220
230							30.3	275.6	13,400	230
240							23.1	255.2	12,500	240
250							12.3	222.8	11,600	250



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

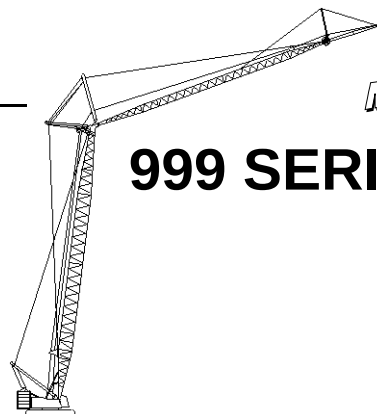
190 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.2	382.1	25,000*							65
70	73.6	380.6	24,700*							70
75	72.1	379.0	24,500*							75
80	70.5	377.3	24,200*							80
85	68.9	375.4	24,000*							85
90	67.3	373.3	23,700*							90
95	65.6	371.1	23,500*	71.0	376.3	23,200*				95
100	63.9	368.7	23,000*	69.4	374.5	23,100*				100
105	62.3	366.1	22,300*	67.7	372.5	23,200*				105
110	60.5	363.3	21,600*	66.1	370.3	22,800*				110
115	58.8	360.3	21,000*	64.5	367.9	22,600*				115
120	57.0	357.1	20,400*	62.8	365.4	22,500*				120
125	55.2	353.7	19,800*	61.1	362.7	22,200*				125
130	53.3	350.0	19,300*	59.3	359.8	21,500*				130
135	51.4	346.1	18,800*	57.6	356.6	20,900*				135
140	49.5	341.9	18,300*	55.7	353.3	20,300*				140
145	47.4	337.4	17,700*	53.9	349.7	19,700*				145
150	45.4	332.6	17,100*	52.0	345.8	19,200*				150
155	43.2	327.3	16,500*	50.1	341.7	18,700*				155
160	40.9	321.7	16,000*	48.1	337.3	18,300*				160
165	38.6	315.6	15,400*	46.0	332.6	17,800*				165
170	36.1	308.9	14,800*	43.9	327.5	17,400*				170
175	33.4	301.5	14,300*	41.6	322.0	17,000*				175
180	30.5	293.4	13,800*	39.3	316.0	16,700*	56.4	343.9	18,400*	180
185	27.4	284.1	13,300*	36.8	309.5	16,300*	54.5	340.4	18,300	185
190	23.8	273.4	12,800*	34.2	302.3	16,000*	52.7	336.6	17,600	190
195	19.7	260.6	12,400*	31.4	294.4	15,700*	50.7	332.6	16,900	195
200	14.4	243.7	12,000*	28.3	285.6	15,500*	48.8	328.3	16,300	200
205		212.9	11,600*	24.9	275.4	15,200*	46.7	323.7	15,700	205
210	5.0			21.0	263.3	15,000*	44.6	318.7	15,100	210
220				9.0	224.6	14,600*	40.1	307.5	14,000	220
230							35.1	294.3	13,100	230
240							29.4	278.2	12,200	240
250							22.4	257.1	11,300	250
260							12.0	223.8	10,500	260

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	76.0	392.4	22,400*							65
70	74.5	391.1	22,400*							70
75	73.0	389.6	22,000*							75
80	71.5	387.9	21,700*							80
85	70.0	386.1	21,500*							85
90	68.5	384.2	21,200*							90
95	66.9	382.1	21,000*							95
100	65.3	379.8	20,700*	70.4	385.2	20,600*				100
105	63.8	377.4	20,500*	68.9	383.3	20,500*				105
110	62.1	374.8	20,300*	67.4	381.2	20,300*				110
115	60.5	372.0	20,000*	65.8	379.0	20,100*				115
120	58.9	369.0	19,500*	64.2	376.6	20,000*				120
125	57.2	365.8	18,900*	62.6	374.1	19,800*				125
130	55.4	362.4	18,400*	61.0	371.3	19,700*				130
135	53.7	358.8	17,900*	59.4	368.4	19,500*				135
140	51.9	354.9	17,300*	57.7	365.3	19,400*				140
145	50.0	350.8	16,800*	56.0	362.0	19,300*				145
150	48.1	346.4	16,300*	54.2	358.4	18,800*				150
155	46.2	341.7	15,800*	52.4	354.6	18,300*				155
160	44.1	336.6	15,300*	50.6	350.6	17,900*				160
165	42.0	331.2	14,800*	48.7	346.3	17,500*				165
170	39.8	325.3	14,300*	46.8	341.6	17,100*				170
175	37.5	319.0	13,800*	44.8	336.7	16,700*				175
180	35.1	312.1	13,400*	42.7	331.4	16,400*				180
185	32.5	304.5	12,900*	40.5	325.7	16,000*	56.6	352.6	16,100*	185
190	29.7	296.0	12,500*	38.2	319.5	15,700*	54.8	349.1	16,000*	190
195	26.6	286.5	12,000*	35.9	312.7	15,500*	53.0	345.4	15,900*	195
200	23.2	275.5	11,700*	33.3	305.3	15,200*	51.2	341.5	15,800*	200
205	19.2	262.3	11,300*	30.6	297.2	14,900*	49.4	337.2	15,400	205
210	14.0	244.9	11,000*	27.6	288.0	14,700*	47.4	332.7	14,800	210
220				20.5	265.1	14,300*	43.4	322.7	13,800	220
230				8.8	225.4	13,500*	39.0	311.1	12,800	230
240							34.2	297.4	11,900	240
250							28.7	280.7	11,000	250
260							21.8	259.1	10,300	260
270							11.7	224.8	9,500	270



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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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

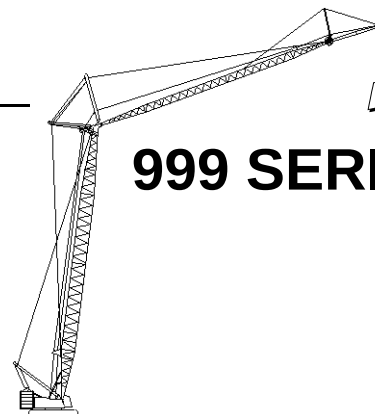
190 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.8	371.6	22,300*							65
70	73.1	370.1	22,100*							70
75	71.5	368.4	21,800*							75
80	69.8	366.6	21,600*							80
85	68.1	364.5	21,400*							85
90	66.3	362.3	21,100*							90
95	64.6	360.0	20,900*	70.3	365.6	21,800*				95
100	62.8	357.4	20,300*	68.6	363.7	21,600*				100
105	61.0	354.6	19,600*	66.9	361.5	21,400*				105
110	59.1	351.6	18,900*	65.1	359.2	21,300*				110
115	57.3	348.4	18,300*	63.3	356.7	20,900*				115
120	55.3	344.9	17,700*	61.5	354.0	20,200*				120
125	53.4	341.2	17,200*	59.7	351.0	19,500*				125
130	51.3	337.2	16,700*	57.8	347.9	18,800*				130
135	49.2	332.9	16,200*	55.9	344.5	18,200*				135
140	47.1	328.3	15,700*	54.0	340.9	17,600*				140
145	44.8	323.3	15,300*	51.9	337.0	17,100*				145
150	42.5	317.9	14,900*	49.9	332.8	16,600*				150
155	40.1	312.0	14,600*	47.7	328.2	16,100*				155
160	37.5	305.6	14,200*	45.5	323.4	15,700*				160
165	34.7	298.5	13,900*	43.2	318.1	15,300*				165
170	31.8	290.6	13,600*	40.8	312.3	14,900*				170
175	28.5	281.6	13,300*	38.3	306.1	14,500*	56.6	335.2	18,400*	175
180	24.9	271.2	13,100*	35.6	299.2	14,200*	54.6	331.6	17,900*	180
185	20.6	258.7	12,900*	32.7	291.5	13,900*	52.6	327.8	17,400*	185
190	15.2	242.3	12,600*	29.5	282.9	13,600*	50.6	323.7	16,900*	190
195	5.4	211.9	12,300*	26.0	273.1	13,300*	48.5	319.3	16,500*	195
200				22.0	261.3	13,100*	46.3	314.5	16,000*	200
205				17.0	246.4	12,900*	44.0	309.4	15,600*	205
210				9.6	223.5	12,700*	41.7	303.8	15,200*	210
220							36.5	291.1	14,500*	220
230							30.6	275.5	13,700	230
240							23.4	255.0	12,700	240
250							12.7	222.5	11,800	250

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

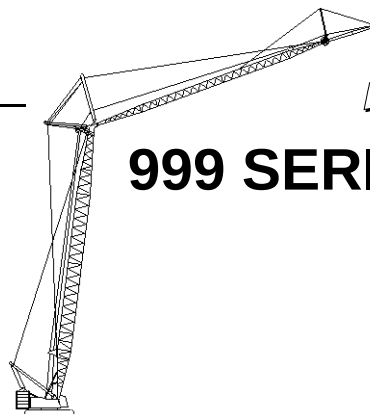
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.6	382.0	21,900*							65
70	74.0	380.6	21,700*							70
75	72.5	379.0	21,400*							75
80	70.9	377.2	21,200*							80
85	69.3	375.3	21,000*							85
90	67.6	373.3	20,800*							90
95	66.0	371.0	20,600*							95
100	64.3	368.6	19,900*	69.8	374.4	21,200*				100
105	62.6	366.0	19,200*	68.1	372.4	21,000*				105
110	60.9	363.3	18,600*	66.5	370.2	20,900*				110
115	59.2	360.3	18,000*	64.8	367.9	20,500*				115
120	57.4	357.1	17,400*	63.2	365.3	19,800*				120
125	55.6	353.6	16,900*	61.5	362.6	19,100*				125
130	53.7	350.0	16,400*	59.7	359.7	18,500*				130
135	51.8	346.1	15,900*	57.9	356.6	17,900*				135
140	49.9	341.9	15,500*	56.1	353.2	17,300*				140
145	47.8	337.3	15,100*	54.3	349.6	16,800*				145
150	45.7	332.5	14,700*	52.4	345.8	16,300*				150
155	43.6	327.3	14,400*	50.4	341.7	15,900*				155
160	41.3	321.6	14,000*	48.4	337.2	15,500*				160
165	38.9	315.5	13,700*	46.4	332.5	15,100*				165
170	36.4	308.8	13,400*	44.2	327.4	14,700*				170
175	33.8	301.5	13,100*	42.0	321.9	14,300*				175
180	30.9	293.3	12,900*	39.7	315.9	14,000*	56.8	343.8	17,500*	180
185	27.7	284.0	12,600*	37.2	309.4	13,700*	54.9	340.3	17,000*	185
190	24.2	273.3	12,400*	34.6	302.3	13,400*	53.0	336.6	16,600*	190
195	20.0	260.4	12,000*	31.8	294.3	13,100*	51.1	332.6	16,100*	195
200	14.7	243.5	11,600*	28.7	285.4	12,900*	49.1	328.2	15,700*	200
205	5.2	212.2	11,200*	25.3	275.2	12,600*	47.1	323.6	15,300*	205
210				21.4	263.1	12,400*	45.0	318.6	15,000*	210
220				9.3	224.3	12,100*	40.5	307.5	14,300*	220
230							35.5	294.2	13,500	230
240							29.8	278.1	12,600	240
250							22.8	257.0	11,800	250
260							12.3	223.5	11,000	260



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

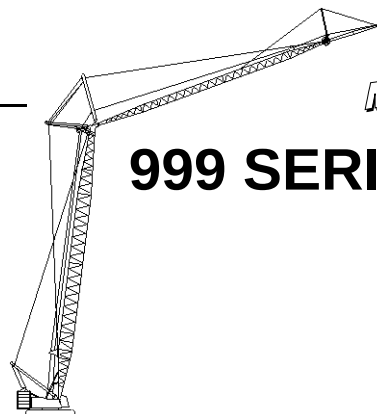
190 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.9	391.0	21,200*							70
75	73.4	389.5	21,000*							75
80	71.9	387.9	20,800*							80
85	70.4	386.1	20,600*							85
90	68.8	384.1	20,400*							90
95	67.3	382.0	20,200*							95
100	65.7	379.7	19,500*	70.8	385.1	20,300*				100
105	64.1	377.3	18,800*	69.3	383.2	20,100*				105
110	62.5	374.7	18,200*	67.7	381.2	19,900*				110
115	60.9	371.9	17,700*	66.2	378.9	19,800*				115
120	59.2	368.9	17,100*	64.6	376.6	19,300*				120
125	57.5	365.8	16,600*	63.0	374.0	18,700*				125
130	55.8	362.4	16,100*	61.4	371.3	18,100*				130
135	54.0	358.7	15,700*	59.7	368.4	17,500*				135
140	52.2	354.9	15,300*	58.0	365.2	17,000*				140
145	50.4	350.7	14,900*	56.3	361.9	16,500*				145
150	48.5	346.3	14,500*	54.6	358.4	16,100*				150
155	46.5	341.6	14,200*	52.8	354.6	15,600*				155
160	44.5	336.6	13,800*	51.0	350.5	15,200*				160
165	42.4	331.1	13,500*	49.1	346.2	14,800*				165
170	40.2	325.3	13,300*	47.1	341.6	14,500*				170
175	37.9	318.9	13,000*	45.1	336.6	14,100*				175
180	35.5	312.0	12,700*	43.0	331.3	13,800*				180
185	32.9	304.4	12,500*	40.9	325.6	13,500*	56.9	352.5	16,200*	185
190	30.1	295.9	12,200*	38.6	319.4	13,200*	55.2	349.1	16,000*	190
195	27.0	286.4	11,700*	36.2	312.6	13,000*	53.4	345.4	15,800*	195
200	23.5	275.4	11,300*	33.7	305.2	12,700*	51.6	341.4	15,400*	200
205	19.5	262.1	11,000*	30.9	297.1	12,500*	49.7	337.2	15,000*	205
210	14.3	244.7	10,600*	28.0	287.9	12,300*	47.8	332.7	14,700*	210
220				20.8	264.9	11,900*	43.8	322.6	14,100*	220
230				9.0	225.0	11,600*	39.4	311.0	13,200	230
240							34.6	297.3	12,300	240
250							29.0	280.6	11,400	250
260							22.2	258.9	10,600	260
270							12.0	224.5	9,900	270

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

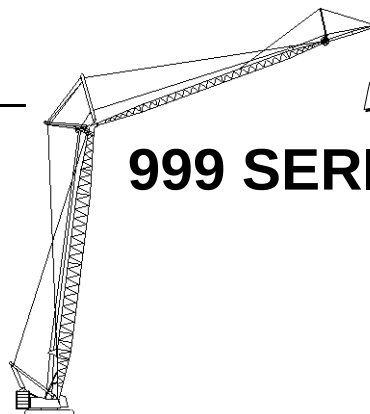
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.6	401.4	19,800*							70
75	74.2	400.0	19,600*							75
80	72.8	398.4	19,300*							80
85	71.3	396.7	19,100*							85
90	69.9	394.9	18,900*							90
95	68.4	392.9	18,700*							95
100	66.9	390.7	18,400*							100
105	65.4	388.4	18,300*	70.3	393.9	18,200*				105
110	63.9	386.0	17,800*	68.9	392.0	18,100*				110
115	62.4	383.4	17,300*	67.4	389.9	17,900*				115
120	60.8	380.6	16,700*	65.9	387.7	17,800*				120
125	59.3	377.6	16,300*	64.4	385.3	17,600*				125
130	57.7	374.4	15,800*	62.9	382.7	17,500*				130
135	56.0	371.1	15,400*	61.3	379.9	17,100*				135
140	54.3	367.5	15,000*	59.7	377.0	16,600*				140
145	52.6	363.7	14,600*	58.1	373.9	16,200*				145
150	50.9	359.6	14,200*	56.5	370.6	15,700*				150
155	49.1	355.3	13,900*	54.9	367.1	15,300*				155
160	47.2	350.7	13,600*	53.2	363.3	14,900*				160
165	45.3	345.8	13,300*	51.4	359.4	14,500*				165
170	43.4	340.5	13,000*	49.6	355.1	14,200*				170
175	41.3	334.9	12,700*	47.8	350.6	13,900*				175
180	39.2	328.8	12,500*	45.9	345.8	13,600*				180
185	36.9	322.2	12,200*	44.0	340.6	13,300*				185
190	34.6	315.0	11,800*	41.9	335.1	13,000*	57.1	361.2	14,400*	190
195	32.0	307.2	11,400*	39.8	329.2	12,700*	55.4	357.8	14,300*	195
200	29.3	298.5	11,100*	37.6	322.7	12,500*	53.7	354.1	14,200*	200
205	26.3	288.7	10,700*	35.3	315.8	12,300*	52.0	350.2	14,100*	205
210	22.9	277.3	10,400*	32.8	308.1	12,000*	50.3	346.1	14,000*	210
220	14.0	245.9	9,800*	27.2	290.3	11,600*	46.6	336.9	13,700*	220
230				20.3	266.6	11,300*	42.6	326.5	12,900	230
240				8.8	225.7	11,100*	38.4	314.5	12,000	240
250							33.7	300.3	11,200	250
260							28.3	283.1	10,400	260
270							21.6	260.8	9,700	270
280							11.6	225.5	9,000	280



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

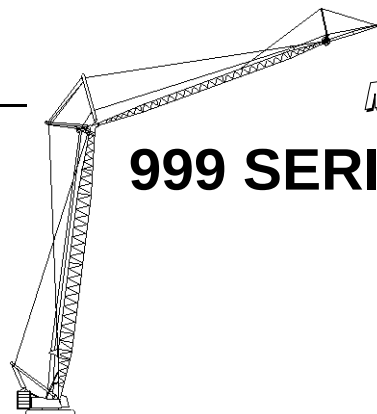
190 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.7	382.0	19,200*							65
70	74.1	380.6	18,900*							70
75	72.6	379.0	18,700*							75
80	71.0	377.3	18,400*							80
85	69.4	375.4	18,200*							85
90	67.7	373.3	18,000*							90
95	66.1	371.1	17,800*							95
100	64.4	368.6	17,500*	69.9	374.4	18,400*				100
105	62.7	366.1	17,300*	68.2	372.4	18,200*				105
110	61.0	363.3	16,700*	66.6	370.2	18,000*				110
115	59.3	360.3	16,100*	64.9	367.9	17,800*				115
120	57.5	357.1	15,600*	63.3	365.4	17,700*				120
125	55.7	353.7	15,100*	61.5	362.6	17,200*				125
130	53.8	350.0	14,600*	59.8	359.7	16,600*				130
135	51.9	346.1	14,200*	58.0	356.6	16,000*				135
140	49.9	341.9	13,800*	56.2	353.2	15,500*				140
145	47.9	337.4	13,400*	54.4	349.6	15,000*				145
150	45.8	332.5	13,000*	52.5	345.8	14,500*				150
155	43.7	327.3	12,700*	50.5	341.7	14,100*				155
160	41.4	321.6	12,400*	48.5	337.3	13,700*				160
165	39.0	315.5	12,100*	46.5	332.5	13,300*				165
170	36.5	308.8	11,800*	44.3	327.4	13,000*				170
175	33.9	301.5	11,500*	42.1	321.9	12,600*				175
180	31.0	293.3	11,300*	39.8	315.9	12,300*	56.9	343.9	15,700*	180
185	27.8	284.0	11,000*	37.3	309.4	12,000*	55.0	340.3	15,200*	185
190	24.3	273.3	10,800*	34.7	302.3	11,700*	53.1	336.6	14,800*	190
195	20.1	260.5	10,600*	31.9	294.4	11,500*	51.2	332.6	14,400*	195
200	14.8	243.6	10,500*	28.8	285.5	11,200*	49.2	328.3	14,000*	200
205	5.3	212.3	10,400*	25.4	275.3	11,000*	47.2	323.6	13,600*	205
210				21.5	263.2	10,800*	45.1	318.7	13,200*	210
220				9.4	224.3	10,500*	40.6	307.5	12,600*	220
230							35.6	294.3	12,000*	230
240							29.9	278.1	11,500*	240
250							22.9	257.0	11,000*	250
260							12.4	223.6	10,600*	260

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

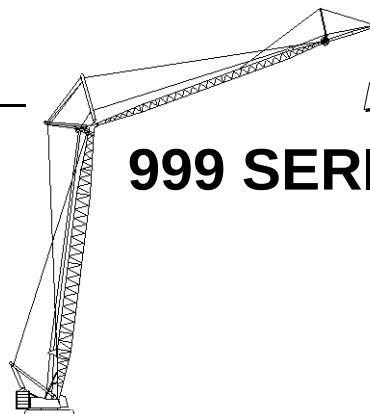
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.9	391.0	18,600*							70
75	73.5	389.5	18,400*							75
80	72.0	387.9	18,100*							80
85	70.4	386.1	17,900*							85
90	68.9	384.1	17,700*							90
95	67.4	382.0	17,500*							95
100	65.8	379.8	17,300*	70.9	385.1	18,100*				100
105	64.2	377.3	17,000*	69.4	383.2	17,900*				105
110	62.6	374.7	16,400*	67.8	381.2	17,700*				110
115	61.0	371.9	15,800*	66.3	379.0	17,500*				115
120	59.3	368.9	15,300*	64.7	376.6	17,200*				120
125	57.6	365.8	14,800*	63.1	374.0	16,800*				125
130	55.9	362.4	14,400*	61.5	371.3	16,300*				130
135	54.1	358.7	13,900*	59.8	368.4	15,700*				135
140	52.3	354.9	13,500*	58.1	365.2	15,200*				140
145	50.5	350.8	13,200*	56.4	361.9	14,700*				145
150	48.6	346.3	12,800*	54.7	358.4	14,300*				150
155	46.6	341.6	12,500*	52.9	354.6	13,900*				155
160	44.6	336.6	12,200*	51.1	350.5	13,500*				160
165	42.5	331.1	11,900*	49.2	346.2	13,100*				165
170	40.3	325.3	11,600*	47.2	341.6	12,800*				170
175	38.0	318.9	11,300*	45.2	336.6	12,400*				175
180	35.6	312.0	11,100*	43.1	331.3	12,100*				180
185	33.0	304.4	10,900*	41.0	325.6	11,800*	57.0	352.5	14,700*	185
190	30.2	295.9	10,600*	38.7	319.4	11,600*	55.3	349.1	14,500*	190
195	27.1	286.4	10,500*	36.3	312.6	11,300*	53.5	345.4	14,100*	195
200	23.6	275.4	10,300*	33.8	305.3	11,100*	51.7	341.4	13,700*	200
205	19.6	262.1	10,100*	31.0	297.1	10,800*	49.8	337.2	13,400*	205
210	14.4	244.8	10,000*	28.0	287.9	10,600*	47.9	332.7	13,000*	210
220				20.9	264.9	10,300*	43.9	322.6	12,400*	220
230				9.2	225.1	10,000*	39.5	311.0	11,800*	230
240							34.6	297.3	11,300*	240
250							29.1	280.6	10,800*	250
260							22.3	258.9	10,400*	260
270							12.1	224.6	10,100*	270



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

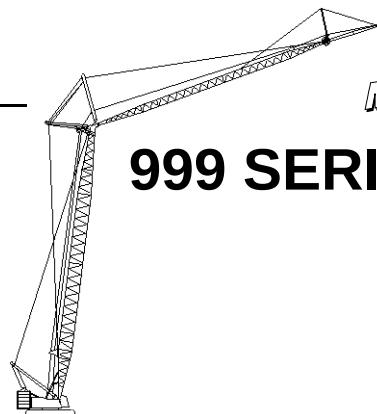
190 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.7	401.4	18,200*							70
75	74.3	400.0	18,000*							75
80	72.8	398.4	17,700*							80
85	71.4	396.7	17,500*							85
90	70.0	394.9	17,200*							90
95	68.5	392.9	17,000*							95
100	67.0	390.7	16,800*							100
105	65.5	388.5	16,500*	70.4	393.9	16,800*				105
110	64.0	386.0	16,100*	68.9	392.0	16,700*				110
115	62.5	383.4	15,500*	67.5	389.9	16,500*				115
120	60.9	380.6	15,100*	66.0	387.7	16,300*				120
125	59.3	377.6	14,600*	64.5	385.3	16,100*				125
130	57.7	374.4	14,100*	62.9	382.7	15,900*				130
135	56.1	371.1	13,700*	61.4	380.0	15,400*				135
140	54.4	367.5	13,300*	59.8	377.0	14,900*				140
145	52.7	363.7	13,000*	58.2	373.9	14,500*				145
150	51.0	359.6	12,600*	56.6	370.6	14,100*				150
155	49.2	355.3	12,300*	54.9	367.1	13,700*				155
160	47.3	350.7	12,000*	53.2	363.4	13,300*				160
165	45.4	345.8	11,700*	51.5	359.4	12,900*				165
170	43.5	340.5	11,500*	49.7	355.1	12,600*				170
175	41.4	334.9	11,200*	47.9	350.6	12,300*				175
180	39.3	328.8	11,000*	46.0	345.8	12,000*				180
185	37.0	322.2	10,700*	44.1	340.6	11,700*				185
190	34.7	315.1	10,500*	42.0	335.1	11,400*	57.2	361.2	13,600*	190
195	32.1	307.2	10,300*	39.9	329.2	11,200*	55.5	357.8	13,600*	195
200	29.4	298.5	10,100*	37.7	322.8	10,900*	53.8	354.1	13,400*	200
205	26.4	288.7	10,000*	35.4	315.8	10,700*	52.1	350.2	13,100*	205
210	23.0	277.4	9,800*	32.9	308.2	10,500*	50.3	346.1	12,800*	210
220	14.1	245.9	9,400*	27.3	290.3	10,100*	46.7	336.9	12,200*	220
230				20.4	266.7	9,800*	42.7	326.5	11,600*	230
240				8.9	225.8	9,500*	38.5	314.5	11,100*	240
250							33.8	300.3	10,700*	250
260							28.4	283.1	10,300*	260
270							21.7	260.8	10,000*	270
280							11.7	225.5	9,300	280

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.0	410.4	16,800*							75
80	73.6	408.9	16,600*							80
85	72.3	407.3	16,300*							85
90	70.9	405.5	16,100*							90
95	69.5	403.7	15,900*							95
100	68.1	401.6	15,700*							100
105	66.7	399.5	15,500*							105
110	65.3	397.1	15,300*	69.9	402.7	15,500*				110
115	63.8	394.7	15,100*	68.6	400.8	15,300*				115
120	62.4	392.0	14,700*	67.1	398.6	15,200*				120
125	60.9	389.2	14,300*	65.7	396.4	15,000*				125
130	59.4	386.3	13,900*	64.3	393.9	14,900*				130
135	57.8	383.1	13,500*	62.8	391.4	14,700*				135
140	56.3	379.8	13,100*	61.3	388.6	14,600*				140
145	54.7	376.2	12,700*	59.8	385.7	14,200*				145
150	53.1	372.5	12,400*	58.3	382.6	13,800*				150
155	51.4	368.5	12,100*	56.8	379.3	13,400*				155
160	49.7	364.2	11,800*	55.2	375.8	13,000*				160
165	48.0	359.7	11,500*	53.6	372.1	12,700*				165
170	46.2	354.9	11,200*	51.9	368.2	12,300*				170
175	44.3	349.8	11,000*	50.2	364.0	12,000*				175
180	42.4	344.4	10,800*	48.5	359.6	11,800*				180
185	40.4	338.5	10,500*	46.7	354.9	11,500*				185
190	38.3	332.2	10,300*	44.9	349.9	11,200*				190
195	36.1	325.4	10,100*	43.0	344.5	11,000*	57.3	369.9	12,400*	195
200	33.8	318.0	9,900*	41.0	338.8	10,700*	55.7	366.5	12,300*	200
205	31.3	310.0	9,800*	39.0	332.7	10,500*	54.1	362.9	12,200*	205
210	28.7	301.0	9,600*	36.8	326.0	10,300*	52.5	359.0	12,100*	210
220	22.5	279.3	9,200*	32.1	311.0	9,900*	49.1	350.6	11,900*	220
230	13.7	247.1	8,700*	26.7	292.6	9,600*	45.5	341.1	11,400*	230
240				19.9	268.4	9,300*	41.7	330.3	10,900*	240
250				8.7	226.4	9,100*	37.5	317.8	10,500*	250
260							33.0	303.2	10,100*	260
270							27.7	285.5	9,700*	270
280							21.2	262.6	9,100	280
290							11.5	226.4	8,400	290



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

219,600 Lb. Crane Counterweight

80,000 Lb. Carbody Counterweight

360 Degree Rating

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

190 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

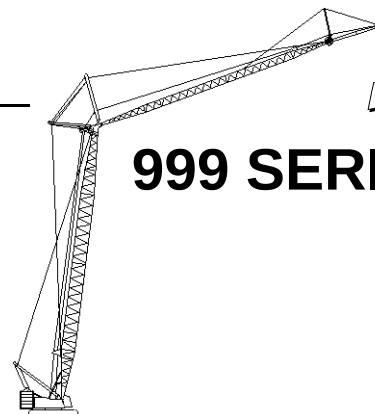
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.8	391.1	16,100*							70
75	73.3	389.6	15,800*							75
80	71.8	387.9	15,500*							80
85	70.2	386.1	15,100*							85
90	68.7	384.2	14,800*							90
95	67.2	382.1	14,500*							95
100	65.6	379.8	14,200*	70.7	385.2	14,900*				100
105	64.0	377.4	13,900*	69.2	383.3	14,700*				105
110	62.4	374.8	13,700*	67.6	381.2	14,400*				110
115	60.8	372.0	13,400*	66.1	379.0	14,100*				115
120	59.1	369.0	13,100*	64.5	376.6	13,800*				120
125	57.4	365.8	12,900*	62.9	374.1	13,600*				125
130	55.7	362.4	12,700*	61.3	371.3	13,400*				130
135	53.9	358.8	12,500*	59.6	368.4	13,100*				135
140	52.1	354.9	12,300*	57.9	365.3	12,900*				140
145	50.3	350.8	11,900*	56.2	362.0	12,700*				145
150	48.4	346.4	11,600*	54.5	358.4	12,500*				150
155	46.4	341.7	11,300*	52.7	354.6	12,300*				155
160	44.4	336.6	11,000*	50.9	350.6	12,100*				160
165	42.3	331.2	10,700*	49.0	346.3	11,900*				165
170	40.1	325.3	10,500*	47.0	341.6	11,600*				170
175	37.8	319.0	10,200*	45.0	336.7	11,300*				175
180	35.4	312.1	10,000*	43.0	331.4	11,000*				180
185	32.8	304.5	9,800*	40.8	325.7	10,700*	56.8	352.6	12,000*	185
190	30.0	296.0	9,500*	38.5	319.5	10,400*	55.1	349.1	11,800*	190
195	26.9	286.5	9,300*	36.1	312.7	10,200*	53.3	345.4	11,700*	195
200	23.5	275.5	9,000*	33.6	305.3	9,900*	51.5	341.5	11,600*	200
205	19.4	262.3	8,800*	30.8	297.2	9,700*	49.6	337.2	11,500*	205
210	14.3	244.9	8,600*	27.9	288.0	9,500*	47.7	332.7	11,400*	210
220				20.7	265.1	9,100*	43.7	322.7	11,200*	220
230				9.0	225.4	8,700*	39.3	311.1	10,700*	230
240							34.5	297.4	10,200*	240
250							28.9	280.7	9,700*	250
260							22.1	259.0	9,300*	260
270							11.9	224.8	9,000*	270

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



190 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

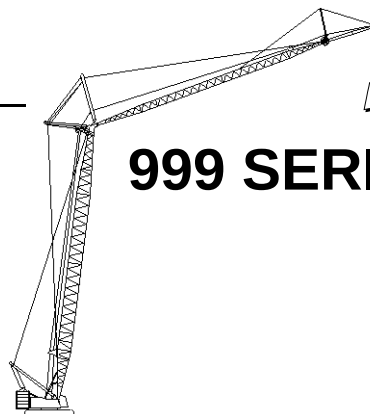
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.5	401.4	15,400*							70
75	74.1	400.0	15,200*							75
80	72.7	398.5	14,900*							80
85	71.2	396.8	14,600*							85
90	69.8	394.9	14,400*							90
95	68.3	392.9	14,100*							95
100	66.8	390.8	13,800*							100
105	65.3	388.5	13,600*	70.2	394.0	14,200*				105
110	63.8	386.0	13,300*	68.8	392.0	13,900*				110
115	62.3	383.4	13,000*	67.3	390.0	13,700*				115
120	60.7	380.6	12,800*	65.8	387.7	13,400*				120
125	59.2	377.7	12,600*	64.3	385.3	13,200*				125
130	57.6	374.5	12,400*	62.8	382.7	13,000*				130
135	55.9	371.1	12,200*	61.2	380.0	12,800*				135
140	54.2	367.5	12,000*	59.6	377.1	12,600*				140
145	52.5	363.7	11,800*	58.0	374.0	12,400*				145
150	50.8	359.7	11,500*	56.4	370.7	12,200*				150
155	49.0	355.4	11,200*	54.8	367.1	12,000*				155
160	47.2	350.8	10,900*	53.1	363.4	11,800*				160
165	45.2	345.8	10,600*	51.3	359.4	11,700*				165
170	43.3	340.6	10,300*	49.5	355.2	11,400*				170
175	41.2	334.9	10,100*	47.7	350.7	11,100*				175
180	39.1	328.9	9,800*	45.8	345.9	10,800*				180
185	36.8	322.3	9,600*	43.9	340.7	10,500*				185
190	34.5	315.1	9,400*	41.9	335.2	10,300*	57.0	361.3	11,400*	190
195	32.0	307.3	9,200*	39.7	329.2	10,000*	55.3	357.8	11,300*	195
200	29.2	298.6	9,000*	37.5	322.8	9,800*	53.6	354.2	11,200*	200
205	26.2	288.8	8,800*	35.2	315.9	9,600*	51.9	350.3	11,100*	205
210	22.9	277.5	8,700*	32.7	308.2	9,400*	50.2	346.1	11,000*	210
220	13.9	246.1	8,400*	27.2	290.4	9,000*	46.5	337.0	10,900*	220
230				20.2	266.8	8,600*	42.6	326.6	10,500*	230
240				8.8	226.1	8,400*	38.3	314.5	10,000*	240
250							33.6	300.4	9,600*	250
260							28.2	283.2	9,200*	260
270							21.6	260.9	8,800*	270
280							11.6	225.7	8,500*	280



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

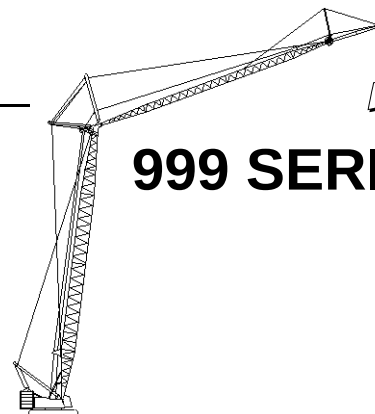
190 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.8	410.4	14,500*							75
80	73.5	408.9	14,300*							80
85	72.1	407.3	14,000*							85
90	70.7	405.6	13,800*							90
95	69.3	403.7	13,600*							95
100	68.0	401.7	13,300*							100
105	66.5	399.5	13,100*							105
110	65.1	397.2	12,800*	69.8	402.8	13,400*				110
115	63.7	394.7	12,600*	68.4	400.8	13,100*				115
120	62.2	392.1	12,400*	67.0	398.7	13,000*				120
125	60.7	389.3	12,200*	65.5	396.4	12,700*				125
130	59.2	386.3	12,000*	64.1	394.0	12,500*				130
135	57.7	383.2	11,900*	62.6	391.4	12,400*				135
140	56.1	379.8	11,600*	61.2	388.7	12,200*				140
145	54.5	376.3	11,500*	59.7	385.7	12,000*				145
150	52.9	372.5	11,300*	58.1	382.6	11,800*				150
155	51.2	368.5	11,000*	56.6	379.4	11,600*				155
160	49.5	364.3	10,700*	55.0	375.9	11,500*				160
165	47.8	359.8	10,400*	53.4	372.2	11,300*				165
170	46.0	355.0	10,200*	51.7	368.3	11,200*				170
175	44.1	349.9	9,900*	50.1	364.1	11,000*				175
180	42.2	344.4	9,700*	48.3	359.7	10,700*				180
185	40.2	338.6	9,500*	46.5	355.0	10,400*				185
190	38.1	332.3	9,300*	44.7	350.0	10,100*				190
195	36.0	325.5	9,100*	42.8	344.6	9,900*	57.1	370.0	10,800*	195
200	33.7	318.1	8,900*	40.8	338.9	9,700*	55.5	366.5	10,700*	200
205	31.2	310.0	8,700*	38.8	332.7	9,500*	53.9	362.9	10,700*	205
210	28.5	301.1	8,600*	36.6	326.1	9,300*	52.3	359.1	10,600*	210
220	22.3	279.4	8,300*	31.9	311.1	8,900*	48.9	350.7	10,400*	220
230	13.6	247.3	8,000*	26.5	292.7	8,500*	45.3	341.2	10,300*	230
240				19.7	268.5	8,200*	41.5	330.4	9,900*	240
250				8.6	226.8	8,000*	37.4	317.9	9,400*	250
260							32.8	303.3	9,000*	260
270							27.5	285.6	8,700*	270
280							21.0	262.7	8,400*	280
290							11.3	226.7	8,100*	290

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

190 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

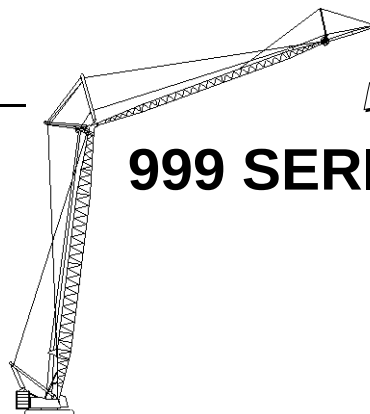
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.5	420.8	13,800*							75
80	74.2	419.4	13,600*							80
85	72.9	417.9	13,400*							85
90	71.6	416.2	13,200*							90
95	70.3	414.4	13,000*							95
100	69.0	412.5	12,800*							100
105	67.6	410.4	12,600*							105
110	66.3	408.2	12,400*	70.7	413.5	12,700*				110
115	64.9	405.9	12,200*	69.4	411.6	12,500*				115
120	63.5	403.4	12,000*	68.0	409.6	12,400*				120
125	62.1	400.8	11,800*	66.7	407.4	12,200*				125
130	60.7	398.0	11,600*	65.3	405.1	12,000*				130
135	59.2	395.0	11,400*	63.9	402.7	11,800*				135
140	57.8	391.8	11,300*	62.5	400.1	11,700*				140
145	56.3	388.5	11,100*	61.1	397.3	11,500*				145
150	54.8	385.0	11,000*	59.7	394.4	11,400*				150
155	53.2	381.3	10,800*	58.2	391.3	11,200*				155
160	51.6	377.3	10,500*	56.7	388.0	11,100*				160
165	50.0	373.2	10,300*	55.2	384.6	10,900*				165
170	48.4	368.8	10,000*	53.7	380.9	10,800*				170
175	46.7	364.1	9,800*	52.1	377.1	10,700*				175
180	44.9	359.1	9,500*	50.5	373.0	10,500*				180
185	43.1	353.8	9,300*	48.9	368.6	10,200*				185
190	41.2	348.2	9,100*	47.2	364.0	10,000*				190
195	39.3	342.1	8,900*	45.5	359.1	9,700*				195
200	37.3	335.6	8,700*	43.7	353.9	9,500*	57.2	378.6	10,100*	200
205	35.1	328.6	8,600*	41.8	348.4	9,300*	55.7	375.3	10,100*	205
210	32.9	321.1	8,400*	39.9	342.5	9,100*	54.2	371.7	10,000*	210
220	27.9	303.5	8,100*	35.8	329.3	8,700*	51.1	363.9	9,900*	220
230	21.8	281.3	7,800*	31.2	313.8	8,400*	47.8	355.1	9,900*	230
240	13.3	248.4	7,600*	25.9	295.0	8,100*	44.3	345.2	9,700*	240
250				19.3	270.1	7,800*	40.6	334.0	9,200*	250
260				8.4	227.4	7,600*	36.5	321.2	8,900*	260
270							32.0	306.1	8,500*	270
280							26.9	288.0	8,200*	280
290							20.6	264.5	7,900*	290
300							11.1	227.6	7,700*	300



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

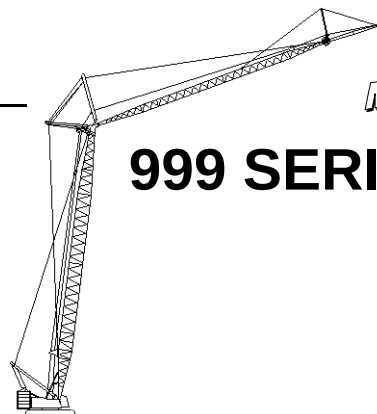
200 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
60	75.3	372.8	26,800*							60
65	73.5	371.3	26,500*							65
70	71.8	369.7	26,300*							70
75	70.0	367.9	26,000*							75
80	68.2	366.0	25,800*							80
85	66.4	363.8	25,500*							85
90	64.5	361.5	25,300*	70.9	367.3	26,200*				90
95	62.7	358.9	24,900*	69.1	365.4	26,000*				95
100	60.7	356.2	24,000*	67.3	363.3	25,900*				100
105	58.8	353.2	23,200*	65.4	361.1	25,700*				105
110	56.8	350.0	22,400*	63.6	358.6	25,500*				110
115	54.8	346.5	21,700*	61.7	356.0	24,900*				115
120	52.7	342.8	21,100*	59.7	353.1	24,100*				120
125	50.5	338.7	20,500*	57.7	350.0	23,300*				125
130	48.3	334.4	19,900*	55.7	346.6	22,500*				130
135	46.0	329.6	19,300*	53.7	343.0	21,800*				135
140	43.6	324.5	18,800*	51.5	339.1	21,100*				140
145	41.1	318.9	18,400*	49.3	334.9	20,500*				145
150	38.4	312.7	17,900*	47.1	330.4	19,900*				150
155	35.6	306.0	17,200*	44.7	325.4	19,400*				155
160	32.5	298.4	16,500*	42.3	320.0	18,900*				160
165	29.2	289.9	15,800*	39.7	314.2	18,400*				165
170	25.5	280.0	15,200*	36.9	307.7	18,000*	57.3	338.2	20,700	170
175	21.2	268.0	14,600*	34.0	300.5	17,600*	55.3	334.8	19,900	175
180	15.7	252.5	14,100*	30.8	292.5	17,200*	53.2	331.1	19,100	180
185	6.6	225.8	13,700*	27.3	283.3	16,800*	51.1	327.2	18,300	185
190				23.3	272.5	16,500*	48.9	322.9	17,600	190
195				18.5	259.0	16,200*	46.6	318.2	17,000	195
200				11.9	239.8	16,000*	44.2	313.2	16,300	200
205							41.7	307.7	15,700	205
210							39.1	301.7	15,100	210
220							33.3	287.8	14,100	220
230							26.5	270.0	13,100	230
240							17.3	244.4	12,200	240

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To
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ANSI B30.5



999 SERIES 3

200 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

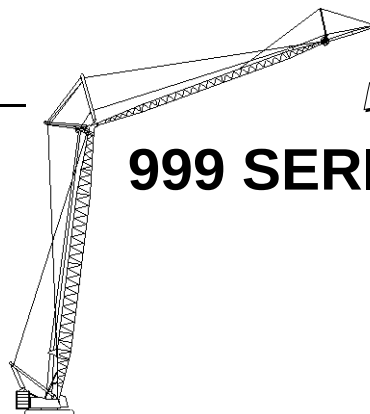
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.5	381.8	25,900*							65
70	72.8	380.3	25,700*							70
75	71.2	378.6	25,500*							75
80	69.5	376.7	25,300*							80
85	67.8	374.7	25,000*							85
90	66.0	372.5	24,800*							90
95	64.3	370.2	24,400*	70.3	376.1	25,400*				95
100	62.5	367.6	23,500*	68.6	374.1	25,300*				100
105	60.7	364.9	22,800*	66.9	372.0	25,100*				105
110	58.9	361.9	22,000*	65.1	369.8	25,000*				110
115	57.0	358.7	21,400*	63.4	367.3	24,400*				115
120	55.1	355.2	20,700*	61.6	364.6	23,500*				120
125	53.1	351.5	20,100*	59.7	361.8	22,800*				125
130	51.1	347.6	19,600*	57.9	358.7	22,100*				130
135	49.0	343.3	19,100*	56.0	355.3	21,400*				135
140	46.8	338.7	18,600*	54.0	351.8	20,800*				140
145	44.6	333.7	18,100*	52.0	347.9	20,200*				145
150	42.3	328.4	17,400*	50.0	343.8	19,600*				150
155	39.8	322.5	16,800*	47.9	339.4	19,100*				155
160	37.3	316.1	16,100*	45.7	334.6	18,600*				160
165	34.5	309.1	15,500*	43.4	329.4	18,200*				165
170	31.6	301.2	14,900*	41.0	323.8	17,700*				170
175	28.4	292.4	14,300*	38.5	317.7	17,300*	57.5	346.9	19,700	175
180	24.8	282.1	13,800*	35.9	310.9	17,000*	55.6	343.5	18,900	180
185	20.6	269.8	13,300*	33.0	303.5	16,600*	53.6	339.9	18,200	185
190	15.3	253.9	12,800*	29.9	295.2	16,300*	51.6	336.0	17,500	190
195	6.4	226.3	12,600*	26.5	285.6	16,000*	49.5	331.8	16,800	195
200				22.7	274.4	15,700*	47.4	327.3	16,200	200
205				18.0	260.5	15,400*	45.2	322.4	15,600	205
210				11.5	240.8	15,200*	42.9	317.2	15,000	210
220							37.9	305.2	14,000	220
230							32.4	290.7	13,000	230
240							25.7	272.3	12,100	240
250							16.8	245.9	11,200	250



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

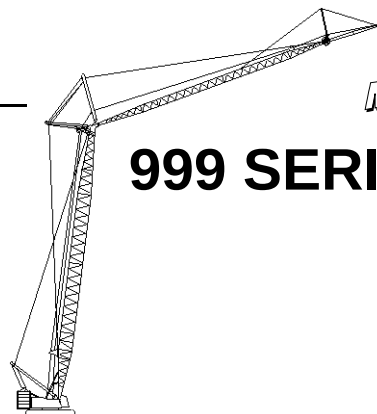
200 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.3	392.2	24,400*							65
70	73.8	390.7	24,400*							70
75	72.2	389.2	23,900*							75
80	70.6	387.4	23,700*							80
85	69.0	385.5	23,500*							85
90	67.4	383.5	23,300*							90
95	65.7	381.3	23,000*							95
100	64.1	378.9	22,600*	69.8	384.9	22,600*				100
105	62.4	376.3	22,100*	68.1	382.9	22,400*				105
110	60.7	373.5	21,500*	66.5	380.8	22,300*				110
115	58.9	370.5	20,900*	64.9	378.5	22,200*				115
120	57.1	367.4	20,300*	63.2	376.0	22,100*				120
125	55.3	364.0	19,700*	61.5	373.3	21,900*				125
130	53.5	360.3	19,100*	59.8	370.4	21,600*				130
135	51.6	356.4	18,500*	58.0	367.3	21,000*				135
140	49.6	352.2	17,900*	56.2	364.0	20,400*				140
145	47.6	347.7	17,300*	54.4	360.5	19,800*				145
150	45.5	342.9	16,700*	52.5	356.7	19,300*				150
155	43.3	337.7	16,100*	50.5	352.7	18,800*				155
160	41.1	332.1	15,500*	48.6	348.3	18,400*				160
165	38.7	326.0	15,000*	46.5	343.7	17,900*				165
170	36.2	319.4	14,500*	44.4	338.7	17,500*				170
175	33.6	312.1	13,900*	42.2	333.3	17,100*				175
180	30.7	304.0	13,500*	39.9	327.4	16,800*	57.6	355.6	17,800*	180
185	27.6	294.8	13,000*	37.4	321.0	16,400*	55.8	352.2	17,500*	185
190	24.1	284.2	12,500*	34.9	314.1	16,100*	53.9	348.6	17,100	190
195	20.0	271.6	12,100*	32.1	306.4	15,800*	52.1	344.8	16,400	195
200	14.8	255.1	11,700*	29.1	297.7	15,500*	50.1	340.7	15,800	200
205	6.2	226.8	11,500*	25.8	287.9	15,300*	48.1	336.3	15,200	205
210				22.0	276.4	15,000*	46.1	331.6	14,600	210
220				11.2	241.8	14,500*	41.7	321.0	13,600	220
230							36.9	308.5	12,600	230
240							31.5	293.5	11,700	240
250							25.0	274.5	10,900	250
260							16.3	247.3	10,100	260

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
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999 SERIES 3

200 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

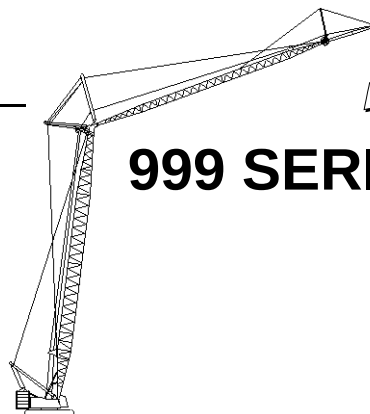
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.6	401.2	21,700*							70
75	73.1	399.7	21,500*							75
80	71.6	398.0	21,300*							80
85	70.1	396.2	21,100*							85
90	68.6	394.3	20,800*							90
95	67.0	392.2	20,600*							95
100	65.4	390.0	20,300*	70.8	395.5	20,200*				100
105	63.9	387.5	20,100*	69.3	393.7	20,100*				105
110	62.3	384.9	19,900*	67.7	391.7	19,900*				110
115	60.6	382.2	19,400*	66.2	389.5	19,800*				115
120	59.0	379.2	18,900*	64.6	387.1	19,600*				120
125	57.3	376.0	18,400*	63.0	384.6	19,500*				125
130	55.6	372.7	17,900*	61.4	381.9	19,300*				130
135	53.8	369.1	17,400*	59.8	379.1	19,200*				135
140	52.0	365.2	16,900*	58.1	376.0	19,100*				140
145	50.2	361.1	16,400*	56.4	372.7	19,000*				145
150	48.3	356.7	15,900*	54.6	369.2	18,900*				150
155	46.3	352.0	15,400*	52.9	365.5	18,400*				155
160	44.3	347.0	14,900*	51.0	361.5	18,000*				160
165	42.2	341.6	14,400*	49.2	357.3	17,500*				165
170	40.0	335.8	13,900*	47.2	352.7	17,200*				170
175	37.7	329.4	13,500*	45.3	347.9	16,800*				175
180	35.3	322.6	13,000*	43.2	342.6	16,400*				180
185	32.7	315.0	12,600*	41.1	337.0	16,100*	57.7	364.2	15,600*	185
190	29.9	306.6	12,200*	38.8	330.9	15,800*	56.0	360.9	15,400*	190
195	26.9	297.2	11,800*	36.4	324.3	15,500*	54.3	357.4	15,200*	195
200	23.5	286.3	11,400*	33.9	317.1	15,200*	52.5	353.6	15,000*	200
205	19.5	273.3	11,100*	31.3	309.2	15,000*	50.6	349.6	14,900	205
210	14.4	256.4	10,800*	28.4	300.3	14,800*	48.8	345.2	14,300	210
220				21.5	278.2	14,200*	44.8	335.7	13,300	220
230				10.9	242.7	13,300*	40.6	324.7	12,300	230
240							35.9	311.8	11,400	240
250							30.7	296.2	10,600	250
260							24.4	276.7	9,900	260
270							15.9	248.7	9,200	270



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

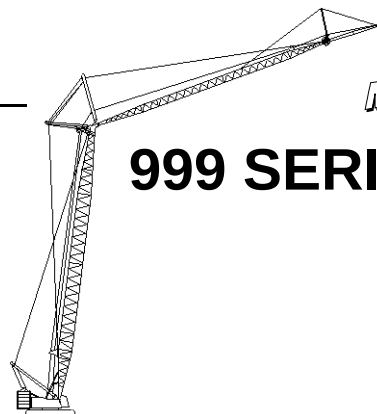
200 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.9	381.7	22,200*							65
70	73.2	380.2	21,900*							70
75	71.6	378.5	21,700*							75
80	69.9	376.7	21,500*							80
85	68.2	374.7	21,200*							85
90	66.5	372.5	21,000*							90
95	64.7	370.1	20,800*	70.7	376.0	21,700*				95
100	62.9	367.6	20,300*	69.0	374.1	21,500*				100
105	61.1	364.8	19,600*	67.3	372.0	21,300*				105
110	59.3	361.8	19,000*	65.5	369.7	21,100*				110
115	57.4	358.6	18,300*	63.8	367.2	21,000*				115
120	55.5	355.2	17,700*	62.0	364.6	20,300*				120
125	53.5	351.5	17,200*	60.1	361.7	19,600*				125
130	51.5	347.5	16,700*	58.3	358.6	19,000*				130
135	49.4	343.2	16,200*	56.4	355.3	18,400*				135
140	47.2	338.6	15,800*	54.4	351.7	17,800*				140
145	45.0	333.7	15,400*	52.4	347.9	17,200*				145
150	42.7	328.3	15,000*	50.4	343.7	16,700*				150
155	40.2	322.4	14,600*	48.3	339.3	16,200*				155
160	37.7	316.0	14,300*	46.1	334.5	15,800*				160
165	34.9	309.0	13,900*	43.8	329.3	15,400*				165
170	32.0	301.1	13,600*	41.4	323.7	15,000*				170
175	28.8	292.3	13,400*	38.9	317.6	14,600*	57.9	346.8	18,800*	175
180	25.1	282.0	13,100*	36.3	310.9	14,300*	56.0	343.5	18,300*	180
185	20.9	269.7	12,800*	33.4	303.4	14,000*	54.0	339.8	17,800*	185
190	15.6	253.7	12,300*	30.3	295.1	13,700*	52.0	335.9	17,300*	190
195	6.6	225.8	12,000*	26.9	285.5	13,400*	49.9	331.7	16,800*	195
200				23.0	274.3	13,200*	47.8	327.2	16,300*	200
205				18.3	260.4	12,900*	45.6	322.4	15,800	205
210				11.9	240.5	12,700*	43.3	317.1	15,200	210
220							38.3	305.1	14,200	220
230							32.8	290.6	13,200	230
240							26.1	272.2	12,300	240
250							17.1	245.7	11,500	250

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

200 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

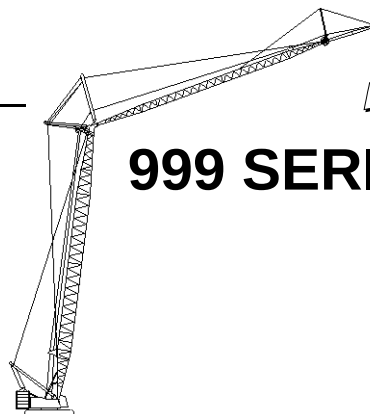
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.7	392.1	21,800*							65
70	74.1	390.7	21,500*							70
75	72.6	389.1	21,300*							75
80	71.0	387.4	21,100*							80
85	69.4	385.5	20,900*							85
90	67.8	383.4	20,700*							90
95	66.1	381.2	20,500*							95
100	64.5	378.8	19,900*	70.1	384.8	21,100*				100
105	62.8	376.2	19,200*	68.5	382.9	20,900*				105
110	61.1	373.5	18,600*	66.9	380.7	20,700*				110
115	59.3	370.5	18,000*	65.2	378.4	20,600*				115
120	57.5	367.3	17,400*	63.6	375.9	19,900*				120
125	55.7	363.9	16,900*	61.9	373.2	19,200*				125
130	53.9	360.2	16,400*	60.1	370.4	18,600*				130
135	51.9	356.3	16,000*	58.4	367.3	18,000*				135
140	50.0	352.1	15,500*	56.6	364.0	17,500*				140
145	48.0	347.7	15,100*	54.7	360.4	16,900*				145
150	45.9	342.8	14,700*	52.9	356.7	16,500*				150
155	43.7	337.6	14,400*	50.9	352.6	16,000*				155
160	41.5	332.0	14,000*	48.9	348.3	15,600*				160
165	39.1	325.9	13,700*	46.9	343.6	15,200*				165
170	36.6	319.3	13,400*	44.8	338.6	14,800*				170
175	34.0	312.0	13,200*	42.6	333.2	14,400*				175
180	31.1	303.9	12,900*	40.2	327.3	14,100*	58.0	355.5	17,600*	180
185	28.0	294.7	12,600*	37.8	321.0	13,800*	56.2	352.2	17,300*	185
190	24.4	284.1	12,200*	35.2	314.0	13,500*	54.3	348.6	16,900*	190
195	20.3	271.4	11,700*	32.5	306.3	13,200*	52.4	344.7	16,400*	195
200	15.2	254.9	11,300*	29.5	297.6	12,900*	50.5	340.6	16,000*	200
205	6.4	226.3	11,100*	26.2	287.8	12,700*	48.5	336.2	15,600*	205
210				22.4	276.2	12,500*	46.4	331.5	15,100	210
220				11.5	241.5	12,100*	42.1	320.9	14,000	220
230							37.3	308.4	13,100	230
240							31.8	293.4	12,200	240
250							25.4	274.4	11,400	250
260							16.7	247.1	10,600	260



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

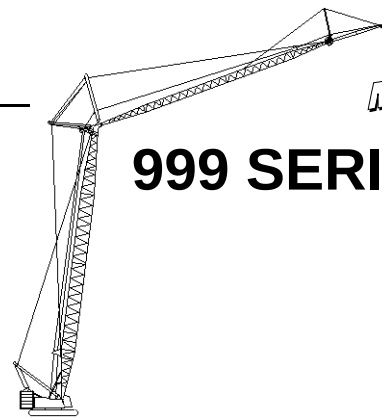
200 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.0	401.1	21,000*							70
75	73.5	399.6	20,800*							75
80	72.0	398.0	20,600*							80
85	70.5	396.2	20,400*							85
90	68.9	394.2	20,200*							90
95	67.4	392.2	20,000*							95
100	65.8	389.9	19,500*							100
105	64.2	387.5	18,900*	69.7	393.6	19,700*				105
110	62.6	384.9	18,200*	68.1	391.6	19,600*				110
115	61.0	382.1	17,700*	66.6	389.4	19,500*				115
120	59.3	379.1	17,100*	65.0	387.1	19,300*				120
125	57.7	376.0	16,600*	63.4	384.6	18,800*				125
130	55.9	372.6	16,100*	61.8	381.9	18,200*				130
135	54.2	369.0	15,700*	60.1	379.0	17,700*				135
140	52.4	365.1	15,300*	58.5	375.9	17,100*				140
145	50.5	361.0	14,900*	56.8	372.7	16,600*				145
150	48.6	356.6	14,500*	55.0	369.2	16,200*				150
155	46.7	351.9	14,200*	53.2	365.4	15,700*				155
160	44.7	346.9	13,900*	51.4	361.5	15,300*				160
165	42.5	341.5	13,600*	49.5	357.2	14,900*				165
170	40.4	335.7	13,300*	47.6	352.7	14,600*				170
175	38.1	329.4	13,000*	45.6	347.8	14,200*				175
180	35.6	322.5	12,700*	43.6	342.6	13,900*				180
185	33.0	314.9	12,300*	41.4	336.9	13,600*				185
190	30.3	306.5	11,900*	39.2	330.9	13,300*	56.4	360.9	15,900*	190
195	27.2	297.1	11,500*	36.8	324.3	13,000*	54.6	357.3	15,800*	195
200	23.8	286.2	11,100*	34.3	317.0	12,800*	52.8	353.5	15,700*	200
205	19.8	273.1	10,700*	31.6	309.1	12,500*	51.0	349.5	15,300	205
210	14.8	256.2	10,400*	28.7	300.2	12,300*	49.1	345.2	14,700	210
220				21.8	278.1	11,900*	45.2	335.6	13,700	220
230				11.2	242.4	11,600*	40.9	324.6	12,700	230
240							36.3	311.7	11,800	240
250							31.0	296.1	11,000	250
260							24.7	276.5	10,300	260
270							16.2	248.5	9,500	270

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

200 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

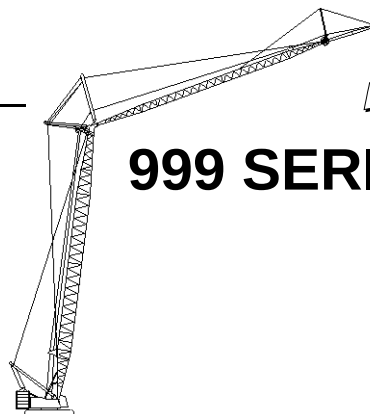
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.7	411.5	19,400*							70
75	74.3	410.1	19,200*							75
80	72.9	408.5	19,000*							80
85	71.4	406.8	18,800*							85
90	70.0	405.0	18,500*							90
95	68.5	403.0	18,300*							95
100	67.0	400.9	18,100*							100
105	65.5	398.6	18,000*	70.7	404.3	17,900*				105
110	64.0	396.2	17,800*	69.2	402.4	17,800*				110
115	62.5	393.6	17,200*	67.7	400.3	17,600*				115
120	61.0	390.8	16,700*	66.3	398.1	17,500*				120
125	59.4	387.8	16,200*	64.8	395.8	17,300*				125
130	57.8	384.7	15,800*	63.2	393.2	17,200*				130
135	56.1	381.3	15,400*	61.7	390.6	17,100*				135
140	54.5	377.7	15,000*	60.1	387.7	16,700*				140
145	52.8	373.9	14,600*	58.5	384.6	16,300*				145
150	51.0	369.9	14,200*	56.9	381.4	15,800*				150
155	49.2	365.6	13,900*	55.3	377.9	15,400*				155
160	47.4	361.0	13,600*	53.6	374.2	15,000*				160
165	45.5	356.1	13,300*	51.8	370.3	14,600*				165
170	43.5	350.9	13,000*	50.1	366.1	14,300*				170
175	41.5	345.3	12,700*	48.3	361.7	13,900*				175
180	39.3	339.2	12,300*	46.4	356.9	13,600*				180
185	37.1	332.7	11,900*	44.5	351.8	13,300*				185
190	34.7	325.6	11,600*	42.4	346.4	13,100*				190
195	32.2	317.8	11,200*	40.4	340.6	12,800*	56.6	369.6	14,100*	195
200	29.5	309.1	10,800*	38.2	334.3	12,500*	54.9	366.0	14,000*	200
205	26.5	299.4	10,500*	35.9	327.5	12,300*	53.2	362.3	13,900*	205
210	23.2	288.2	10,100*	33.4	320.0	12,100*	51.5	358.3	13,800*	210
220	14.4	257.4	9,600*	28.0	302.6	11,700*	47.9	349.6	13,400	220
230				21.2	279.9	11,400*	44.0	339.6	12,400	230
240				10.9	243.3	11,100*	39.9	328.2	11,500	240
250							35.4	314.8	10,700	250
260							30.2	298.8	10,000	260
270							24.1	278.6	9,300	270
280							15.8	249.8	8,600	280



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

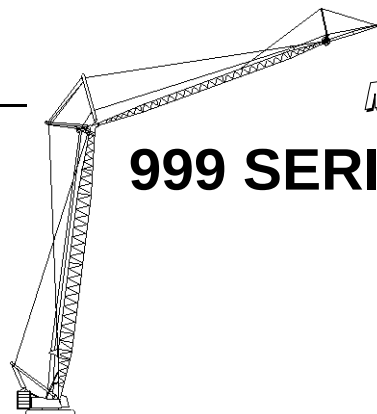
200 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	75.8	392.1	19,000*							65
70	74.2	390.7	18,800*							70
75	72.7	389.1	18,600*							75
80	71.1	387.4	18,300*							80
85	69.5	385.5	18,100*							85
90	67.9	383.4	17,900*							90
95	66.2	381.2	17,700*							95
100	64.6	378.8	17,500*	70.2	384.8	18,300*				100
105	62.9	376.2	17,300*	68.6	382.9	18,100*				105
110	61.1	373.5	16,700*	67.0	380.7	17,900*				110
115	59.4	370.5	16,100*	65.3	378.4	17,800*				115
120	57.6	367.3	15,600*	63.7	375.9	17,600*				120
125	55.8	363.9	15,100*	62.0	373.2	17,300*				125
130	53.9	360.3	14,600*	60.2	370.4	16,700*				130
135	52.0	356.3	14,200*	58.5	367.3	16,100*				135
140	50.1	352.2	13,800*	56.7	364.0	15,600*				140
145	48.1	347.7	13,400*	54.8	360.5	15,100*				145
150	46.0	342.8	13,000*	53.0	356.7	14,600*				150
155	43.8	337.7	12,700*	51.0	352.6	14,200*				155
160	41.6	332.0	12,400*	49.0	348.3	13,800*				160
165	39.2	326.0	12,100*	47.0	343.6	13,400*				165
170	36.7	319.3	11,800*	44.9	338.6	13,100*				170
175	34.0	312.0	11,500*	42.7	333.2	12,700*				175
180	31.2	303.9	11,300*	40.3	327.3	12,400*				180
185	28.1	294.7	11,100*	37.9	321.0	12,100*	56.3	352.2	15,500*	185
190	24.5	284.1	10,800*	35.3	314.0	11,800*	54.4	348.6	15,100*	190
195	20.4	271.5	10,700*	32.6	306.3	11,600*	52.5	344.7	14,700*	195
200	15.3	255.0	10,500*	29.6	297.7	11,300*	50.6	340.6	14,300*	200
205		226.4	10,400*	26.3	287.8	11,100*	48.6	336.2	13,900*	205
210				22.5	276.3	10,900*	46.5	331.5	13,500*	210
220				11.6	241.5	10,500*	42.2	320.9	12,800*	220
230							37.4	308.4	12,200*	230
240							31.9	293.4	11,700*	240
250							25.5	274.4	11,200*	250
260							16.8	247.1	10,800	260

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

200 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

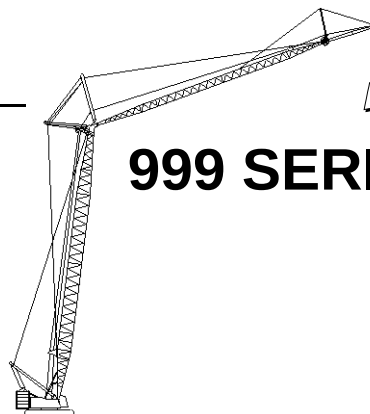
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.1	401.1	18,500*							70
75	73.6	399.6	18,200*							75
80	72.1	398.0	18,000*							80
85	70.5	396.2	17,800*							85
90	69.0	394.3	17,600*							90
95	67.5	392.2	17,400*							95
100	65.9	389.9	17,200*							100
105	64.3	387.5	17,000*	69.7	393.6	17,800*				105
110	62.7	384.9	16,400*	68.2	391.6	17,600*				110
115	61.1	382.1	15,900*	66.7	389.4	17,300*				115
120	59.4	379.2	15,300*	65.1	387.1	17,100*				120
125	57.7	376.0	14,900*	63.5	384.6	16,800*				125
130	56.0	372.6	14,400*	61.9	381.9	16,400*				130
135	54.3	369.0	14,000*	60.2	379.0	15,900*				135
140	52.5	365.2	13,600*	58.6	376.0	15,300*				140
145	50.6	361.0	13,200*	56.8	372.7	14,900*				145
150	48.7	356.7	12,800*	55.1	369.2	14,400*				150
155	46.8	352.0	12,500*	53.3	365.4	14,000*				155
160	44.7	346.9	12,200*	51.5	361.5	13,600*				160
165	42.6	341.5	11,900*	49.6	357.2	13,200*				165
170	40.5	335.7	11,600*	47.7	352.7	12,900*				170
175	38.2	329.4	11,400*	45.7	347.8	12,500*				175
180	35.7	322.5	11,100*	43.7	342.6	12,200*				180
185	33.1	314.9	10,900*	41.5	336.9	11,900*				185
190	30.4	306.5	10,700*	39.3	330.9	11,600*	56.5	360.9	14,500*	190
195	27.3	297.1	10,500*	36.9	324.3	11,400*	54.7	357.3	14,400*	195
200	23.9	286.2	10,300*	34.4	317.0	11,100*	52.9	353.5	14,000*	200
205	19.9	273.1	10,100*	31.7	309.1	10,900*	51.1	349.5	13,600*	205
210	14.9	256.2	10,000*	28.8	300.2	10,700*	49.2	345.2	13,300*	210
220				21.9	278.1	10,300*	45.3	335.6	12,600*	220
230				11.3	242.4	10,000*	41.0	324.6	12,000*	230
240							36.4	311.7	11,500*	240
250							31.1	296.2	11,000*	250
260							24.8	276.5	10,600*	260
270							16.3	248.5	10,000	270



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

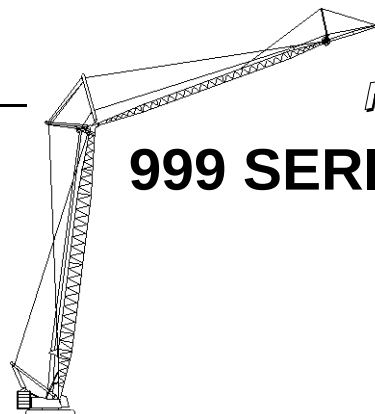
200 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.8	411.5	18,000*							70
75	74.4	410.1	17,700*							75
80	72.9	408.5	17,500*							80
85	71.5	406.8	17,300*							85
90	70.1	405.0	17,000*							90
95	68.6	403.0	16,800*							95
100	67.1	400.9	16,600*							100
105	65.6	398.6	16,400*	70.8	404.3	16,600*				105
110	64.1	396.2	16,100*	69.3	402.4	16,500*				110
115	62.6	393.6	15,600*	67.8	400.4	16,300*				115
120	61.0	390.8	15,100*	66.3	398.1	16,100*				120
125	59.5	387.8	14,600*	64.8	395.8	15,900*				125
130	57.9	384.7	14,200*	63.3	393.3	15,700*				130
135	56.2	381.3	13,800*	61.8	390.6	15,500*				135
140	54.5	377.7	13,400*	60.2	387.7	15,100*				140
145	52.8	373.9	13,000*	58.6	384.6	14,600*				145
150	51.1	369.9	12,700*	57.0	381.4	14,200*				150
155	49.3	365.6	12,300*	55.3	377.9	13,800*				155
160	47.5	361.0	12,000*	53.7	374.2	13,400*				160
165	45.6	356.1	11,700*	51.9	370.3	13,000*				165
170	43.6	350.9	11,500*	50.2	366.1	12,700*				170
175	41.6	345.3	11,200*	48.3	361.7	12,300*				175
180	39.4	339.2	11,000*	46.5	356.9	12,000*				180
185	37.2	332.7	10,700*	44.5	351.9	11,800*				185
190	34.8	325.6	10,500*	42.5	346.4	11,500*				190
195	32.3	317.8	10,300*	40.4	340.6	11,200*	56.6	369.6	13,400*	195
200	29.6	309.1	10,100*	38.3	334.3	11,000*	55.0	366.0	13,400*	200
205	26.6	299.4	10,000*	36.0	327.5	10,800*	53.3	362.3	13,300*	205
210	23.3	288.2	9,800*	33.5	320.0	10,600*	51.6	358.3	13,000*	210
220	14.5	257.4	9,200*	28.1	302.6	10,200*	47.9	349.6	12,400*	220
230				21.3	279.9	9,800*	44.1	339.6	11,800*	230
240				11.0	243.3	9,600*	40.0	328.2	11,300*	240
250							35.4	314.8	10,900*	250
260							30.3	298.8	10,300	260
270							24.2	278.6	9,600	270
280							15.9	249.8	9,000	280

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

200 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

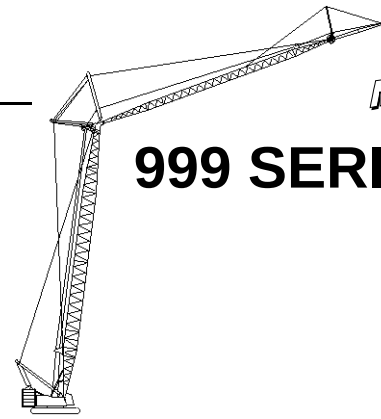
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.1	420.5	16,500*							75
80	73.7	419.0	16,300*							80
85	72.4	417.4	16,100*							85
90	71.0	415.7	15,900*							90
95	69.6	413.8	15,700*							95
100	68.2	411.8	15,600*							100
105	66.8	409.6	15,300*							105
110	65.4	407.3	15,100*	70.3	413.1	15,300*				110
115	63.9	404.8	14,900*	68.9	411.2	15,100*				115
120	62.5	402.2	14,700*	67.5	409.1	15,000*				120
125	61.0	399.4	14,300*	66.1	406.9	14,800*				125
130	59.5	396.5	13,900*	64.6	404.5	14,700*				130
135	58.0	393.3	13,500*	63.2	401.9	14,600*				135
140	56.4	390.0	13,100*	61.7	399.2	14,400*				140
145	54.8	386.5	12,700*	60.2	396.3	14,300*				145
150	53.2	382.7	12,400*	58.7	393.3	13,900*				150
155	51.5	378.7	12,100*	57.1	390.0	13,500*				155
160	49.8	374.5	11,800*	55.6	386.6	13,100*				160
165	48.1	370.0	11,500*	54.0	383.0	12,800*				165
170	46.3	365.3	11,300*	52.3	379.1	12,400*				170
175	44.4	360.2	11,000*	50.6	375.0	12,100*				175
180	42.5	354.7	10,800*	48.9	370.6	11,800*				180
185	40.5	348.9	10,500*	47.2	366.0	11,500*				185
190	38.5	342.7	10,300*	45.3	361.1	11,300*				190
195	36.3	335.9	10,100*	43.4	355.8	11,000*				195
200	34.0	328.6	10,000*	41.5	350.2	10,800*	56.8	378.3	12,200*	200
205	31.5	320.5	9,800*	39.5	344.1	10,600*	55.2	374.8	12,200*	205
210	28.9	311.6	9,600*	37.3	337.6	10,400*	53.6	371.1	12,100*	210
220	22.7	290.1	9,000*	32.7	322.9	10,000*	50.3	363.0	11,900*	220
230	14.1	258.6	8,500*	27.4	305.0	9,600*	46.8	353.9	11,600*	230
240				20.8	281.7	9,300*	43.0	343.5	11,100*	240
250				10.7	244.2	9,100*	39.0	331.7	10,600*	250
260							34.6	317.9	10,100	260
270							29.6	301.4	9,400	270
280							23.6	280.7	8,700	280
290							15.5	251.1	8,100	290



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

200 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

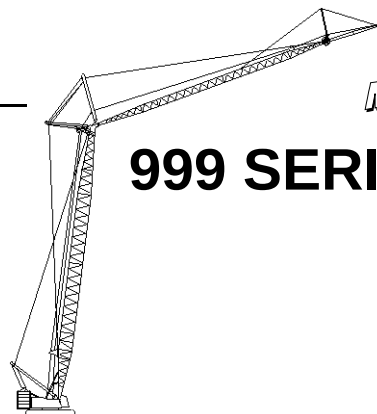
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.9	401.2	15,900*							70
75	73.4	399.7	15,600*							75
80	71.9	398.0	15,300*							80
85	70.4	396.2	15,000*							85
90	68.8	394.3	14,700*							90
95	67.3	392.2	14,400*							95
100	65.7	390.0	14,100*							100
105	64.1	387.5	13,900*	69.6	393.7	14,600*				105
110	62.5	384.9	13,600*	68.0	391.7	14,300*				110
115	60.9	382.2	13,300*	66.5	389.5	14,100*				115
120	59.2	379.2	13,100*	64.9	387.1	13,800*				120
125	57.6	376.0	12,800*	63.3	384.6	13,600*				125
130	55.8	372.7	12,800*	61.7	381.9	13,300*				130
135	54.1	369.1	12,400*	60.0	379.1	13,100*				135
140	52.3	365.2	12,200*	58.4	376.0	12,900*				140
145	50.4	361.1	12,000*	56.7	372.7	12,700*				145
150	48.5	356.7	11,600*	54.9	369.2	12,500*				150
155	46.6	352.0	11,300*	53.1	365.5	12,300*				155
160	44.6	347.0	11,000*	51.3	361.5	12,100*				160
165	42.5	341.6	10,800*	49.4	357.3	11,900*				165
170	40.3	335.7	10,500*	47.5	352.7	11,700*				170
175	38.0	329.4	10,200*	45.5	347.9	11,400*				175
180	35.5	322.6	10,000*	43.5	342.6	11,100*				180
185	33.0	315.0	9,800*	41.3	337.0	10,800*	58.0	364.2	11,900*	185
190	30.2	306.6	9,500*	39.1	330.9	10,500*	56.3	360.9	11,800*	190
195	27.1	297.2	9,300*	36.7	324.3	10,300*	54.5	357.4	11,700*	195
200	23.7	286.3	9,000*	34.2	317.1	10,000*	52.7	353.6	11,600*	200
205	19.7	273.3	8,800*	31.5	309.2	9,800*	50.9	349.6	11,500*	205
210	14.7	256.4	8,600*	28.6	300.3	9,600*	49.0	345.2	11,400*	210
220				21.7	278.2	9,200*	45.1	335.7	11,200*	220
230				11.2	242.7	8,800*	40.8	324.7	10,900*	230
240							36.2	311.8	10,300*	240
250							30.9	296.2	9,900*	250
260							24.6	276.7	9,500*	260
270							16.2	248.7	9,100*	270

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
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



200 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

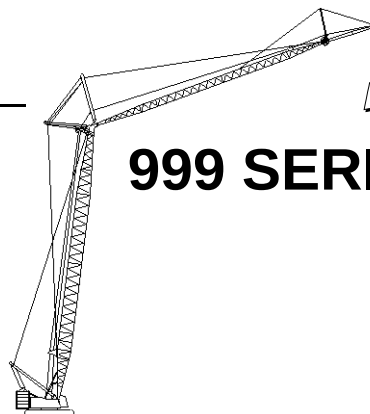
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.6	411.5	15,300*							70
75	74.2	410.1	15,100*							75
80	72.8	408.6	14,800*							80
85	71.3	406.9	14,600*							85
90	69.9	405.0	14,300*							90
95	68.4	403.1	14,000*							95
100	66.9	400.9	13,700*							100
105	65.5	398.7	13,500*	70.6	404.4	14,100*				105
110	63.9	396.2	13,200*	69.1	402.5	13,900*				110
115	62.4	393.6	13,000*	67.6	400.4	13,600*				115
120	60.9	390.8	12,800*	66.2	398.2	13,400*				120
125	59.3	387.9	12,500*	64.7	395.8	13,200*				125
130	57.7	384.7	12,300*	63.1	393.3	12,900*				130
135	56.0	381.4	12,100*	61.6	390.6	12,700*				135
140	54.4	377.8	12,000*	60.0	387.7	12,500*				140
145	52.7	374.0	11,800*	58.4	384.7	12,300*				145
150	50.9	370.0	11,500*	56.8	381.4	12,200*				150
155	49.1	365.7	11,200*	55.2	378.0	12,000*				155
160	47.3	361.1	10,900*	53.5	374.3	11,800*				160
165	45.4	356.2	10,600*	51.8	370.3	11,600*				165
170	43.4	351.0	10,300*	50.0	366.2	11,500*				170
175	41.4	345.3	10,100*	48.2	361.7	11,200*				175
180	39.2	339.3	9,800*	46.3	357.0	10,900*				180
185	37.0	332.8	9,600*	44.4	351.9	10,600*				185
190	34.6	325.6	9,400*	42.4	346.5	10,300*				190
195	32.1	317.9	9,200*	40.3	340.7	10,100*	56.5	369.6	11,300*	195
200	29.4	309.2	9,000*	38.1	334.4	9,900*	54.8	366.1	11,200*	200
205	26.5	299.5	8,800*	35.8	327.5	9,600*	53.1	362.4	11,100*	205
210	23.1	288.3	8,700*	33.4	320.1	9,400*	51.4	358.4	11,000*	210
220	14.3	257.6	8,400*	27.9	302.7	9,000*	47.8	349.7	10,800*	220
230				21.2	280.1	8,700*	43.9	339.7	10,700*	230
240				10.9	243.6	8,400*	39.8	328.3	10,200*	240
250							35.3	314.9	9,700*	250
260							30.1	298.9	9,300*	260
270							24.0	278.7	8,900*	270
280							15.8	250.0	8,600*	280



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

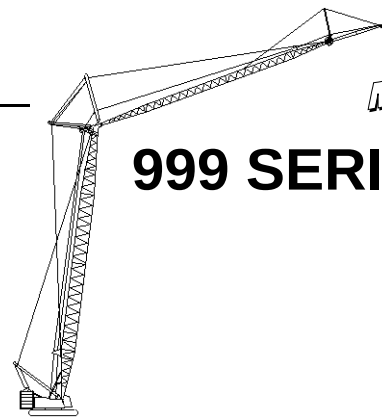
200 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.9	420.5	14,400*							75
80	73.6	419.0	14,200*							80
85	72.2	417.4	13,900*							85
90	70.8	415.7	13,700*							90
95	69.4	413.8	13,500*							95
100	68.0	411.8	13,300*							100
105	66.6	409.7	13,100*							105
110	65.2	407.4	12,800*	70.1	413.2	13,300*				110
115	63.8	404.9	12,500*	68.7	411.2	13,100*				115
120	62.3	402.3	12,400*	67.3	409.1	12,900*				120
125	60.8	399.5	12,100*	65.9	406.9	12,600*				125
130	59.3	396.5	12,000*	64.5	404.5	12,500*				130
135	57.8	393.4	11,800*	63.0	402.0	12,300*				135
140	56.2	390.1	11,600*	61.5	399.3	12,100*				140
145	54.6	386.5	11,400*	60.0	396.4	11,900*				145
150	53.0	382.8	11,300*	58.5	393.3	11,800*				150
155	51.4	378.8	11,000*	57.0	390.1	11,600*				155
160	49.7	374.6	10,700*	55.4	386.7	11,400*				160
165	47.9	370.1	10,500*	53.8	383.0	11,300*				165
170	46.1	365.3	10,200*	52.1	379.2	11,200*				170
175	44.3	360.2	10,000*	50.5	375.1	11,000*				175
180	42.4	354.8	9,700*	48.8	370.7	10,800*				180
185	40.4	349.0	9,500*	47.0	366.1	10,500*				185
190	38.3	342.7	9,300*	45.2	361.1	10,200*				190
195	36.1	336.0	9,100*	43.3	355.9	10,000*				195
200	33.8	328.7	8,900*	41.3	350.2	9,700*	56.6	378.3	10,600*	200
205	31.4	320.6	8,700*	39.3	344.2	9,500*	55.0	374.8	10,600*	205
210	28.7	311.7	8,600*	37.2	337.7	9,300*	53.4	371.1	10,500*	210
220	22.6	290.3	8,300*	32.6	323.0	8,900*	50.1	363.1	10,400*	220
230	14.0	258.7	8,000*	27.2	305.1	8,600*	46.6	354.0	10,300*	230
240				20.7	281.9	8,300*	42.9	343.6	10,000*	240
250				10.6	244.4	8,000*	38.8	331.8	9,600*	250
260							34.4	318.0	9,200*	260
270							29.4	301.5	8,800*	270
280							23.5	280.8	8,500*	280
290							15.4	251.3	8,200*	290

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138 At
3 Degree Offset Angle On
Luffing Jib No. 135 On
Boom No. 82 or 22EL
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
360 Degree Rating

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



999 SERIES 3

200 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.6	430.9	13,700*							75
80	74.3	429.5	13,500*							80
85	73.0	428.0	13,300*							85
90	71.7	426.3	13,100*							90
95	70.4	424.5	12,800*							95
100	69.0	422.6	12,700*							100
105	67.7	420.6	12,500*							105
110	66.4	418.4	12,200*	71.0	423.8	12,600*				110
115	65.0	416.0	12,000*	69.7	422.0	12,500*				115
120	63.6	413.6	11,900*	68.3	420.0	12,300*				120
125	62.2	410.9	11,700*	67.0	417.9	12,100*				125
130	60.8	408.1	11,500*	65.6	415.6	11,900*				130
135	59.3	405.2	11,300*	64.3	413.2	11,800*				135
140	57.9	402.1	11,200*	62.9	410.6	11,600*				140
145	56.4	398.8	11,000*	61.5	407.9	11,500*				145
150	54.9	395.2	10,900*	60.0	405.1	11,300*				150
155	53.3	391.5	10,700*	58.6	402.0	11,200*				155
160	51.8	387.6	10,500*	57.1	398.8	11,000*				160
165	50.1	383.5	10,300*	55.6	395.4	10,900*				165
170	48.5	379.1	10,000*	54.1	391.8	10,800*				170
175	46.8	374.4	9,800*	52.5	387.9	10,700*				175
180	45.0	369.5	9,600*	50.9	383.9	10,500*				180
185	43.2	364.2	9,300*	49.3	379.6	10,300*				185
190	41.4	358.6	9,100*	47.6	375.1	10,000*				190
195	39.4	352.6	8,900*	45.9	370.3	9,800*				195
200	37.4	346.1	8,800*	44.1	365.2	9,600*				200
205	35.3	339.1	8,600*	42.3	359.7	9,300*	56.8	387.0	10,000*	205
210	33.0	331.6	8,400*	40.4	353.9	9,100*	55.3	383.5	10,000*	210
220	28.1	314.2	8,100*	36.3	341.0	8,800*	52.2	376.0	9,900*	220
230	22.1	292.2	7,800*	31.8	325.8	8,400*	48.9	367.6	9,800*	230
240	13.7	259.9	7,600*	26.6	307.4	8,100*	45.5	358.1	9,700*	240
250				20.2	283.6	7,900*	41.9	347.4	9,400*	250
260				10.4	245.3	7,600*	37.9	335.2	9,000*	260
270							33.6	321.0	8,700*	270
280							28.8	304.0	8,300*	280
290							22.9	282.8	8,100*	290
300							15.0	252.6	7,600	300