



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

**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 (\*).

Consult Luffing Jib Raising Procedure chart **No. 8422-B** for Maximum Number of Lower Boom Point Sheaves (Layout Jack-Knife Method table, column A).

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom, intermediate fall, 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. 196404**, luffing jib assembly **No. A01031**, Wire Rope Specification chart **No. 8357-B** and Luffing Jib Raising Procedure chart **No. 8422-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. 8360-B**.

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

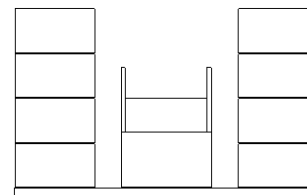
**FIXED JIB POINT ELEVATION:** Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 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, 9 part luffing jib hoist reeving, luffing jib straps, two 1-1/2 in. luffing jib backstay pendants, 184,600 Lb. crane counterweight and two 22,000 Lb. carbody counterweights.

Maximum capacity on 26 mm wire rope is 29,500 Lbs. per line (20,000 Lbs. on 26 mm or 1 in. wire rope when auxiliary drum is used).

Consult chart **No. 8416-A** for luffing jib capacities. Consult chart **No. 8367-A** for intermediate fall capacities with fixed jib attached.

Lower boom point cannot be used when using this chart.



**184,600 Lb. Crane Counterweight  
8 Side Boxes - 1 Center Box**

**Intermediate Fall Deduct**

Deduct 1,200 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

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
65	74.9	283.2	48,700*										65
70	73.4	281.7	47,400*										70
75	71.9	280.1	47,200*	72.8	280.8	53,700*							75
80	70.4	278.3	46,900*	71.3	279.1	51,300*							80
85	68.9	276.4	46,600*	69.8	277.3	49,000*							85
90	67.4	274.3	45,600*	68.2	275.3	47,000*	69.5	276.4	49,000*				90
95	65.8	272.1	43,800*	66.7	273.1	45,100*	68.0	274.4	47,000*				95
100	64.3	269.7	42,200*	65.1	270.8	43,300*	66.4	272.2	45,100*				100
105	62.7	267.2	40,600*	63.6	268.4	41,700*	64.9	269.9	43,300*	66.2	271.1	42,900	105
110	61.1	264.4	39,000*	62.0	265.7	40,200*	63.3	267.4	41,500	64.6	268.8	40,200	110
115	59.4	261.5	37,300*	60.4	262.9	38,800*	61.7	264.8	39,000	63.0	266.2	37,800	115
120	57.8	258.4	35,600*	58.7	259.9	37,200*	60.1	261.9	36,700	61.4	263.5	35,600	120
125	56.1	255.0	33,700*	57.0	256.7	35,500*	58.4	258.9	34,700	59.8	260.6	33,500	125
130	54.3	251.5	31,900*	55.3	253.3	33,300*	56.7	255.6	32,800	58.1	257.6	31,700	130
135	52.6	247.7	30,100*	53.6	249.6	31,300*	55.0	252.1	31,000	56.4	254.3	30,000	135
140	50.7	243.6	28,400*	51.8	245.7	29,400*	53.3	248.4	29,400	54.7	250.8	28,400	140
145	48.9	239.3	26,800*	49.9	241.5	27,700*	51.5	244.5	27,900	52.9	247.0	26,900	145
150	47.0	234.7	25,200*	48.0	237.1	26,100*	49.6	240.3	26,500	51.1	243.0	25,600	150
155	45.0	229.8	23,800*	46.1	232.3	24,600*	47.7	235.8	25,200	49.3	238.8	24,300	155
160	42.9	224.5	22,500*	44.1	227.2	23,200*	45.8	231.0	23,900	47.4	234.2	23,100	160
165	40.8	218.8	21,200*	42.0	221.8	21,900*	43.7	225.8	22,800	45.4	229.4	22,000	165
170	38.5	212.6	20,100*	39.8	215.9	20,700*	41.6	220.3	21,700*	43.4	224.2	20,900	170
175	36.2	205.9	19,000*	37.5	209.5	19,600*	39.4	214.3	20,500*	41.2	218.5	20,000	175
180	33.7	198.6	18,000*	35.1	202.5	18,500*	37.1	207.8	19,400*	39.0	212.5	19,000	180
185	31.0	190.5	17,000*	32.5	194.9	17,500*	34.6	200.8	18,300*	36.7	205.9	18,200	185
190	28.0	181.4	16,100*	29.7	186.4	16,600*	32.0	193.0	17,300*	34.2	198.7	17,300	190
195	24.8	171.1	15,200*	26.6	176.8	15,700*	29.2	184.3	16,400*	31.6	190.8	16,500	195
200	21.1	158.9	14,400*	23.2	165.7	14,900*	26.1	174.5	15,500*	28.7	182.0	15,800	200
205	16.5	143.7	13,100*	19.2	152.4	14,100*	22.6	163.1	14,700*	25.5	171.9	15,100	205
210	10.1	121.5	10,300*	14.1	135.0	12,600*	18.4	149.3	13,900*	21.9	160.2	14,400	210
215				4.9	103.0	9,000*	13.0	130.8	13,000*	17.6	145.8	13,700*	215
220										11.8	125.9	13,000*	220



# Liftcrane Fixed Jib Capacities

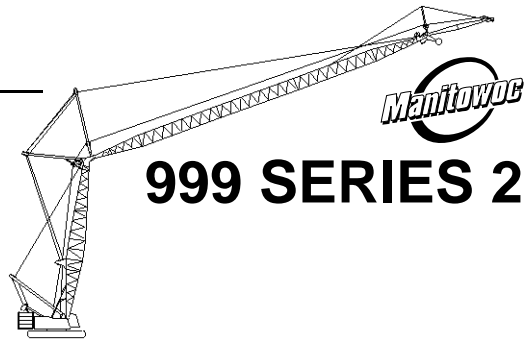
## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 180 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.2	292.1	43,300*										70
75	72.8	290.6	43,000*										75
80	71.4	288.9	42,700*	72.2	289.7	49,500*							80
85	70.0	287.1	42,500*	70.8	287.9	47,600*							85
90	68.5	285.2	42,100*	69.3	286.1	45,600*							90
95	67.0	283.1	41,800*	67.9	284.0	43,700*	69.1	285.2	45,500*				95
100	65.6	280.8	40,700*	66.4	281.9	42,000*	67.6	283.2	43,700*				100
105	64.1	278.4	38,800*	64.9	279.5	40,300*	66.1	281.0	42,000*				105
110	62.6	275.8	37,100*	63.4	277.1	38,500*	64.7	278.6	40,500*	65.9	279.8	39,800	110
115	61.0	273.1	35,600*	61.9	274.4	36,900*	63.2	276.1	38,600	64.4	277.4	37,300	115
120	59.5	270.1	34,100*	60.3	271.6	35,400*	61.6	273.4	36,300	62.9	274.9	35,100	120
125	57.9	267.0	32,700*	58.8	268.6	33,900*	60.1	270.6	34,200	61.4	272.2	33,100	125
130	56.3	263.7	31,400*	57.2	265.4	32,600*	58.5	267.5	32,300	59.8	269.3	31,200	130
135	54.6	260.2	29,700*	55.5	262.0	30,700*	56.9	264.3	30,600	58.2	266.2	29,500	135
140	52.9	256.5	27,900*	53.9	258.3	28,900*	55.3	260.9	28,900	56.6	263.0	27,900	140
145	51.2	252.5	26,200*	52.2	254.5	27,100*	53.6	257.2	27,400	55.0	259.5	26,500	145
150	49.4	248.2	24,700*	50.4	250.4	25,500*	51.9	253.3	26,000	53.3	255.8	25,100	150
155	47.6	243.7	23,300*	48.7	246.1	24,000*	50.1	249.2	24,700	51.6	251.9	23,800	155
160	45.8	238.9	21,900*	46.8	241.4	22,700*	48.3	244.8	23,500	49.8	247.7	22,600	160
165	43.8	233.8	20,700*	44.9	236.5	21,400*	46.5	240.1	22,400*	48.0	243.2	21,500	165
170	41.8	228.3	19,500*	43.0	231.2	20,200*	44.6	235.1	21,200*	46.2	238.5	20,500	170
175	39.7	222.4	18,400*	40.9	225.5	19,000*	42.6	229.7	20,000*	44.3	233.4	19,500	175
180	37.6	216.0	17,400*	38.8	219.4	18,000*	40.6	224.0	18,800*	42.3	228.0	18,600	180
185	35.3	209.1	16,500*	36.6	212.8	17,000*	38.4	217.8	17,800*	40.2	222.2	17,700	185
190	32.8	201.5	15,500*	34.2	205.6	16,000*	36.2	211.1	16,800*	38.0	215.9	16,900	190
195	30.2	193.1	14,700*	31.7	197.7	15,100*	33.8	203.8	15,900*	35.8	209.1	16,100	195
200	27.3	183.8	13,900*	29.0	188.9	14,300*	31.2	195.7	15,000*	33.4	201.7	15,400	200
205	24.2	173.2	13,100*	26.0	179.1	13,500*	28.5	186.8	14,100*	30.8	193.5	14,600	205
210	20.5	160.7	12,400*	22.6	167.7	12,700*	25.5	176.7	13,300*	28.0	184.4	14,000*	210
215	16.1	145.0	11,100*	18.7	154.0	12,000*	22.0	165.1	12,600*	24.9	174.1	13,200*	215
220	9.9	122.3	8,500*	13.7	136.2	10,600*	18.0	150.9	11,900*	21.4	162.1	12,400*	220
225				4.8	103.3	7,300*	12.7	131.9	11,100*	17.2	147.3	11,700*	225
230										11.5	126.8	11,000*	230



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 190 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.9	302.5	39,700*										70
75	73.6	301.1	39,400*										75
80	72.3	299.5	39,000*										80
85	70.9	297.8	38,700*	71.7	298.5	44,900*							85
90	69.5	295.9	38,400*	70.3	296.7	44,600*							90
95	68.1	293.9	38,100*	68.9	294.8	43,700*							95
100	66.7	291.8	37,800*	67.5	292.8	42,200*	68.7	294.0	43,600*				100
105	65.3	289.5	37,500*	66.1	290.6	40,900*	67.3	291.9	42,400*				105
110	63.9	287.1	37,000*	64.7	288.2	39,600*	65.9	289.7	40,800				110
115	62.4	284.5	35,400*	63.3	285.7	38,400*	64.5	287.3	38,300	65.6	288.5	37,100	115
120	61.0	281.7	33,800*	61.8	283.1	36,700*	63.0	284.8	36,000	64.2	286.1	34,800	120
125	59.5	278.8	32,200*	60.3	280.2	34,600*	61.6	282.1	34,000	62.8	283.6	32,800	125
130	58.0	275.7	30,700*	58.8	277.2	32,400*	60.1	279.2	32,000	61.3	280.9	31,000	130
135	56.4	272.4	29,300*	57.3	274.0	30,400*	58.6	276.2	30,300	59.8	278.0	29,200	135
140	54.9	268.9	27,500*	55.7	270.7	28,500*	57.0	273.0	28,700	58.3	274.9	27,700	140
145	53.3	265.2	25,900*	54.2	267.1	26,800*	55.5	269.6	27,200	56.8	271.7	26,200	145
150	51.6	261.3	24,300*	52.5	263.3	25,200*	53.9	265.9	25,800	55.2	268.2	24,800	150
155	50.0	257.1	22,900*	50.9	259.3	23,700*	52.3	262.1	24,500	53.6	264.6	23,600	155
160	48.2	252.7	21,600*	49.2	255.0	22,300*	50.6	258.0	23,300	52.0	260.7	22,400	160
165	46.5	248.0	20,300*	47.5	250.5	21,000*	48.9	253.7	22,100*	50.3	256.6	21,300	165
170	44.7	243.0	19,200*	45.7	245.6	19,800*	47.2	249.1	20,800*	48.6	252.2	20,200	170
175	42.8	237.7	18,100*	43.8	240.5	18,700*	45.4	244.3	19,600*	46.9	247.6	19,300	175
180	40.8	232.0	17,100*	41.9	235.0	17,600*	43.5	239.1	18,500*	45.1	242.6	18,300	180
185	38.8	225.9	16,100*	39.9	229.1	16,600*	41.6	233.5	17,500*	43.2	237.4	17,500	185
190	36.7	219.3	15,200*	37.9	222.8	15,700*	39.6	227.6	16,500*	41.3	231.8	16,600	190
195	34.4	212.1	14,300*	35.7	216.0	14,800*	37.5	221.2	15,500*	39.2	225.7	15,900	195
200	32.0	204.3	13,500*	33.4	208.5	14,000*	35.3	214.2	14,600*	37.1	219.3	15,100	200
205	29.5	195.8	12,700*	30.9	200.4	13,200*	33.0	206.7	13,800*	34.9	212.2	14,400	205
210	26.7	186.2	12,000*	28.3	191.4	12,400*	30.5	198.5	13,000*	32.6	204.6	13,600*	210
215	23.6	175.2	11,300*	25.4	181.3	11,700*	27.8	189.3	12,300*	30.0	196.2	12,900*	215
220	20.1	162.4	10,700*	22.1	169.6	11,000*	24.9	178.9	11,500*	27.3	186.8	12,100*	220
225	15.8	146.4	9,400*	18.3	155.6	10,300*	21.5	166.9	10,900*	24.3	176.2	11,400*	225
230	9.6	123.1	7,000*	13.4	137.3	9,000*	17.6	152.4	10,200*	20.9	163.9	10,700*	230
235				4.7	103.7	5,900*	12.4	132.9	9,500*	16.8	148.7	10,100*	235
240										11.2	127.8	9,400*	240



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.3	311.5	36,000*										75
80	73.0	310.0	35,700*										80
85	71.7	308.4	35,400*	72.5	309.1	40,900*							85
90	70.4	306.6	35,100*	71.2	307.4	40,600*							90
95	69.1	304.7	34,700*	69.9	305.6	40,300*							95
100	67.8	302.7	34,400*	68.5	303.6	40,000*	69.6	304.7	39,600*				100
105	66.5	300.5	34,100*	67.2	301.5	38,700*	68.3	302.7	39,300*				105
110	65.1	298.2	33,800*	65.9	299.3	37,400*	67.0	300.6	38,800*				110
115	63.7	295.8	33,400*	64.5	296.9	36,300*	65.6	298.4	37,600*	66.7	299.5	36,600	115
120	62.3	293.2	32,600*	63.1	294.4	35,200*	64.3	296.0	35,600	65.4	297.2	34,400	120
125	60.9	290.4	31,200*	61.7	291.7	34,000*	62.9	293.4	33,500	64.0	294.8	32,400	125
130	59.5	287.5	29,900*	60.3	288.9	31,900*	61.5	290.7	31,600	62.6	292.2	30,500	130
135	58.1	284.4	28,600*	58.9	285.9	29,900*	60.1	287.9	29,900	61.2	289.5	28,800	135
140	56.6	281.1	27,000*	57.4	282.7	28,000*	58.6	284.9	28,200	59.8	286.6	27,200	140
145	55.1	277.6	25,300*	55.9	279.4	26,300*	57.2	281.7	26,700	58.4	283.6	25,700	145
150	53.6	274.0	23,800*	54.4	275.8	24,600*	55.7	278.3	25,300	56.9	280.3	24,400	150
155	52.0	270.1	22,400*	52.9	272.1	23,200*	54.2	274.7	24,000	55.4	276.9	23,100	155
160	50.4	266.0	21,100*	51.3	268.1	21,800*	52.6	270.9	22,800	53.9	273.3	21,900	160
165	48.8	261.7	19,800*	49.7	263.9	20,500*	51.0	266.9	21,600*	52.3	269.5	20,800	165
170	47.1	257.1	18,600*	48.1	259.5	19,300*	49.4	262.7	20,300*	50.8	265.4	19,800	170
175	45.4	252.2	17,600*	46.4	254.7	18,200*	47.8	258.2	19,100*	49.1	261.1	18,800	175
180	43.6	247.0	16,500*	44.6	249.7	17,100*	46.1	253.4	18,000*	47.5	256.6	17,900	180
185	41.8	241.5	15,600*	42.8	244.4	16,100*	44.3	248.3	16,900*	45.8	251.8	17,000	185
190	39.9	235.6	14,700*	41.0	238.7	15,200*	42.5	243.0	15,900*	44.0	246.7	16,200	190
195	37.9	229.3	13,800*	39.0	232.6	14,300*	40.6	237.2	15,000*	42.2	241.2	15,400	195
200	35.8	222.5	13,000*	37.0	226.1	13,400*	38.7	231.1	14,100*	40.3	235.4	14,700	200
205	33.6	215.1	12,200*	34.9	219.1	12,600*	36.7	224.5	13,300*	38.3	229.2	13,900*	205
210	31.3	207.1	11,500*	32.6	211.5	11,900*	34.5	217.3	12,500*	36.3	222.5	13,100*	210
215	28.8	198.3	10,800*	30.2	203.1	11,100*	32.2	209.6	11,700*	34.1	215.3	12,300*	215
220	26.1	188.5	10,100*	27.6	193.9	10,500*	29.8	201.1	11,000*	31.8	207.4	11,600*	220
225	23.1	177.3	9,500*	24.8	183.5	9,800*	27.2	191.7	10,300*	29.4	198.8	10,900*	225
230	19.6	164.1	8,900*	21.6	171.5	9,200*	24.3	181.1	9,700*	26.7	189.2	10,200*	230
235	15.4	147.7	7,700*	17.9	157.1	8,600*	21.0	168.8	9,100*	23.8	178.3	9,500*	235
240	9.4	123.9	5,500*	13.1	138.4	7,300*	17.2	153.9	8,500*	20.4	165.6	8,900*	240
245				4.5	104.0	4,400*	12.1	133.9	7,800*	16.4	150.1	8,300*	245
250										11.0	128.7	7,800*	250



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.0	321.9	33,000*										75
80	73.8	320.5	32,700*										80
85	72.5	318.9	32,300*										85
90	71.3	317.2	32,000*	72.0	317.9	37,100*							90
95	70.0	315.4	31,700*	70.7	316.2	36,800*							95
100	68.8	313.5	31,400*	69.5	314.3	36,400*							100
105	67.5	311.4	31,100*	68.2	312.4	36,100*	69.3	313.5	35,900*				105
110	66.2	309.2	30,700*	66.9	310.2	35,000*	68.0	311.5	35,600*				110
115	64.9	306.9	30,400*	65.6	308.0	33,900*	66.7	309.4	35,100*				115
120	63.6	304.4	30,100*	64.3	305.6	32,900*	65.4	307.1	34,000*	66.5	308.2	34,000	120
125	62.2	301.8	29,800*	63.0	303.1	31,900*	64.1	304.7	33,000*	65.2	305.9	32,000	125
130	60.9	299.1	28,900*	61.7	300.4	30,800*	62.8	302.1	31,200	63.9	303.5	30,100	130
135	59.5	296.1	27,700*	60.3	297.6	29,400*	61.4	299.4	29,500	62.5	300.9	28,400	135
140	58.1	293.0	26,500*	58.9	294.6	27,500*	60.1	296.5	27,900	61.2	298.2	26,800	140
145	56.7	289.8	24,900*	57.5	291.4	25,800*	58.7	293.5	26,400	59.8	295.3	25,400	145
150	55.3	286.4	23,300*	56.1	288.1	24,200*	57.3	290.3	25,000	58.4	292.2	24,000	150
155	53.8	282.7	21,900*	54.7	284.5	22,700*	55.9	287.0	23,700	57.0	289.0	22,700	155
160	52.4	278.9	20,600*	53.2	280.8	21,300*	54.4	283.4	22,400*	55.6	285.6	21,600	160
165	50.8	274.9	19,300*	51.7	276.9	20,000*	52.9	279.7	21,100*	54.2	282.0	20,400	165
170	49.3	270.6	18,200*	50.2	272.8	18,800*	51.4	275.7	19,800*	52.7	278.3	19,400	170
175	47.7	266.1	17,100*	48.6	268.4	17,700*	49.9	271.5	18,600*	51.2	274.3	18,400	175
180	46.1	261.3	16,000*	47.0	263.8	16,600*	48.3	267.1	17,500*	49.6	270.1	17,500	180
185	44.4	256.3	15,100*	45.3	258.9	15,600*	46.7	262.5	16,400*	48.0	265.6	16,600	185
190	42.7	250.9	14,200*	43.6	253.7	14,700*	45.1	257.5	15,400*	46.4	260.9	15,800	190
195	40.9	245.2	13,300*	41.9	248.2	13,800*	43.3	252.3	14,500*	44.8	255.9	15,000	195
200	39.0	239.2	12,500*	40.1	242.4	12,900*	41.6	246.7	13,600*	43.0	250.6	14,300*	200
205	37.1	232.6	11,700*	38.2	236.1	12,100*	39.7	240.8	12,800*	41.3	245.0	13,500*	205
210	35.1	225.6	11,000*	36.2	229.4	11,400*	37.8	234.5	12,000*	39.4	239.0	12,600*	210
215	32.9	218.1	10,300*	34.1	222.1	10,700*	35.9	227.7	11,200*	37.5	232.6	11,800*	215
220	30.6	209.8	9,600*	31.9	214.3	10,000*	33.8	220.4	10,500*	35.5	225.7	11,100*	220
225	28.2	200.8	9,000*	29.6	205.7	9,300*	31.5	212.4	9,800*	33.4	218.3	10,400*	225
230	25.5	190.7	8,400*	27.0	196.2	8,700*	29.2	203.7	9,200*	31.1	210.2	9,700*	230
235	22.6	179.2	7,800*	24.3	185.6	8,100*	26.6	194.0	8,600*	28.7	201.3	9,100*	235
240	19.2	165.8	7,200*	21.1	173.3	7,500*	23.8	183.1	8,000*	26.1	191.5	8,400*	240
245	15.1	149.0	6,100*	17.5	158.6	7,000*	20.6	170.5	7,400*	23.2	180.3	7,900*	245
250	9.2	124.7	4,000*	12.8	139.5	5,800*	16.8	155.3	6,900*	20.0	167.4	7,300*	250
255							11.8	134.9	6,200*	16.0	151.5	6,800*	255
260										10.7	129.6	6,200*	260



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.7	292.0	40,500*										70
75	73.2	290.5	40,300*										75
80	71.8	288.8	40,100*	72.6	289.6	44,000*							80
85	70.4	287.0	39,900*	71.2	287.8	42,000*							85
90	68.9	285.1	38,600*	69.8	285.9	39,900*							90
95	67.5	283.0	36,800*	68.3	283.9	38,100*	69.5	285.1	40,000*				95
100	66.0	280.7	35,100*	66.8	281.8	36,400*	68.1	283.1	38,200*				100
105	64.5	278.3	33,600*	65.3	279.4	34,800*	66.6	280.9	36,500*				105
110	63.0	275.7	32,200*	63.8	276.9	33,300*	65.1	278.5	34,900*	66.3	279.7	36,500*	110
115	61.5	273.0	30,800*	62.3	274.3	31,900*	63.6	276.0	33,500*	64.8	277.3	34,900*	115
120	59.9	270.0	29,600*	60.8	271.5	30,600*	62.1	273.3	32,100*	63.3	274.8	33,500*	120
125	58.3	266.9	28,400*	59.2	268.5	29,400*	60.5	270.4	30,800*	61.8	272.1	32,200*	125
130	56.7	263.6	27,300*	57.6	265.2	28,200*	58.9	267.4	29,600*	60.2	269.2	30,900*	130
135	55.0	260.1	26,300*	56.0	261.8	27,200*	57.3	264.2	28,500*	58.7	266.1	29,700*	135
140	53.4	256.3	25,300*	54.3	258.2	26,200*	55.7	260.7	27,400*	57.0	262.8	28,600*	140
145	51.6	252.4	24,400*	52.6	254.4	25,200*	54.0	257.1	26,400*	55.4	259.4	27,100	145
150	49.9	248.1	23,600*	50.9	250.3	24,300*	52.3	253.2	25,500*	53.7	255.7	25,700	150
155	48.1	243.6	22,800*	49.1	245.9	23,500*	50.6	249.1	24,600*	52.0	251.7	24,500	155
160	46.2	238.8	22,000*	47.2	241.3	22,700*	48.8	244.6	23,800*	50.3	247.6	23,300	160
165	44.3	233.6	21,000*	45.3	236.3	22,000*	46.9	240.0	23,000*	48.5	243.1	22,200	165
170	42.3	228.1	19,900*	43.4	231.0	21,000*	45.0	234.9	21,900	46.6	238.4	21,100	170
175	40.2	222.2	18,800*	41.3	225.3	19,900*	43.0	229.6	20,800*	44.7	233.3	20,100	175
180	38.0	215.8	17,900*	39.2	219.2	18,800*	41.0	223.8	19,700*	42.7	227.9	19,200	180
185	35.7	208.9	17,000*	37.0	212.6	17,800*	38.8	217.6	18,600*	40.6	222.0	18,300	185
190	33.2	201.3	16,100*	34.6	205.4	16,800*	36.6	210.9	17,600*	38.5	215.7	17,500	190
195	30.6	192.9	15,400*	32.1	197.5	15,900*	34.2	203.6	16,700*	36.2	208.9	16,700	195
200	27.7	183.6	14,700*	29.4	188.7	15,100*	31.6	195.6	15,800*	33.8	201.5	16,000	200
205	24.6	172.9	13,900*	26.4	178.8	14,300*	28.9	186.6	14,900*	31.2	193.3	15,200	205
210	20.9	160.4	13,100*	23.0	167.4	13,500*	25.8	176.5	14,100*	28.4	184.2	14,600	210
215	16.5	144.7	11,900*	19.1	153.7	12,800*	22.4	164.8	13,400*	25.3	173.9	13,900	215
220	10.2	121.7	9,300*	14.1	135.7	11,400*	18.3	150.5	12,600*	21.8	161.8	13,200*	220
225				4.8	101.9	8,000*	13.0	131.4	11,900*	17.5	146.9	12,500*	225
230										11.8	126.3	11,800*	230



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 180 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.0	301.0	37,400*										75
80	72.7	299.4	37,100*										80
85	71.3	297.7	36,900*	72.1	298.4	40,100*							85
90	69.9	295.8	36,700*	70.7	296.6	38,200*							90
95	68.6	293.8	35,100*	69.3	294.7	36,400*							95
100	67.2	291.7	33,600*	67.9	292.7	34,700*	69.1	293.9	36,400*				100
105	65.7	289.4	32,100*	66.5	290.5	33,200*	67.7	291.8	34,800*				105
110	64.3	287.0	30,800*	65.1	288.1	31,800*	66.3	289.6	33,300*				110
115	62.9	284.4	29,500*	63.7	285.6	30,500*	64.9	287.2	31,900*	66.0	288.4	33,300*	115
120	61.4	281.6	28,300*	62.2	283.0	29,300*	63.4	284.7	30,600*	64.6	286.0	31,900*	120
125	59.9	278.7	27,200*	60.7	280.1	28,100*	62.0	282.0	29,400*	63.2	283.5	30,700*	125
130	58.4	275.6	26,100*	59.2	277.1	27,000*	60.5	279.1	28,300*	61.7	280.7	29,500*	130
135	56.8	272.3	25,100*	57.7	273.9	26,000*	59.0	276.1	27,200*	60.2	277.9	28,400*	135
140	55.3	268.8	24,200*	56.2	270.5	25,000*	57.4	272.9	26,200*	58.7	274.8	27,300*	140
145	53.7	265.1	23,400*	54.6	267.0	24,100*	55.9	269.4	25,300*	57.2	271.5	26,300*	145
150	52.0	261.2	22,600*	53.0	263.2	23,300*	54.3	265.8	24,400*	55.6	268.1	25,300	150
155	50.4	257.0	21,800*	51.3	259.1	22,500*	52.7	262.0	23,500*	54.0	264.4	24,000	155
160	48.6	252.6	21,100*	49.6	254.9	21,700*	51.0	257.9	22,700*	52.4	260.6	22,800	160
165	46.9	247.9	20,400*	47.9	250.3	21,000*	49.3	253.6	22,000*	50.7	256.4	21,700	165
170	45.1	242.9	19,800*	46.1	245.5	20,400*	47.6	249.0	21,300*	49.0	252.1	20,700	170
175	43.2	237.6	18,700*	44.2	240.3	19,300*	45.8	244.1	20,200*	47.3	247.4	19,700	175
180	41.2	231.8	17,700*	42.3	234.8	18,200*	43.9	238.9	19,100*	45.5	242.5	18,700	180
185	39.2	225.7	16,700*	40.3	229.0	17,200*	42.0	233.4	18,100*	43.6	237.2	17,900	185
190	37.1	219.1	15,800*	38.3	222.6	16,300*	40.0	227.4	17,100*	41.7	231.6	17,000	190
195	34.8	212.0	14,900*	36.1	215.8	15,400*	37.9	221.0	16,100*	39.6	225.6	16,300	195
200	32.4	204.2	14,100*	33.8	208.4	14,500*	35.7	214.1	15,200*	37.5	219.1	15,500	200
205	29.9	195.5	13,300*	31.3	200.2	13,700*	33.4	206.5	14,400*	35.3	212.1	14,800	205
210	27.1	185.9	12,600*	28.7	191.2	13,000*	30.9	198.3	13,600*	33.0	204.4	14,100	210
215	24.0	175.0	11,900*	25.8	181.0	12,200*	28.2	189.1	12,800*	30.4	196.0	13,400*	215
220	20.4	162.1	11,200*	22.5	169.3	11,600*	25.2	178.7	12,100*	27.7	186.6	12,700*	220
225	16.1	146.0	10,000*	18.6	155.3	10,900*	21.9	166.6	11,400*	24.7	176.0	12,000*	225
230	9.9	122.5	7,600*	13.7	136.8	9,600*	17.9	152.0	10,800*	21.2	163.6	11,300*	230
235				4.7	102.2	6,400*	12.7	132.4	10,000*	17.1	148.4	10,600*	235
240										11.5	127.2	10,000*	240





# Liftcrane Fixed Jib Capacities

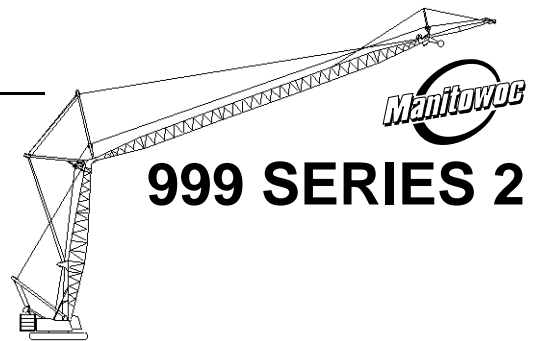
## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.7	311.4	34,500*										75
80	73.4	309.9	34,300*										80
85	72.2	308.3	34,100*	72.9	309.0	39,400*							85
90	70.8	306.5	33,800*	71.6	307.3	39,100*							90
95	69.5	304.6	33,600*	70.3	305.4	37,300*							95
100	68.2	302.6	33,300*	68.9	303.5	35,700*							100
105	66.9	300.4	33,100*	67.6	301.4	34,200*	68.7	302.6	35,800*				105
110	65.5	298.1	31,800*	66.3	299.2	32,800*	67.4	300.5	34,300*				110
115	64.1	295.6	30,500*	64.9	296.8	31,500*	66.0	298.3	33,000*				115
120	62.7	293.0	29,300*	63.5	294.3	30,300*	64.7	295.9	31,700*	65.8	297.1	33,000*	120
125	61.3	290.3	28,200*	62.1	291.6	29,200*	63.3	293.3	30,500*	64.4	294.7	31,700*	125
130	59.9	287.4	27,200*	60.7	288.8	28,100*	61.9	290.6	29,400*	63.0	292.1	30,600*	130
135	58.5	284.3	26,200*	59.3	285.8	27,100*	60.5	287.8	28,300*	61.6	289.4	29,400*	135
140	57.0	281.0	25,300*	57.8	282.6	26,100*	59.0	284.7	27,300*	60.2	286.5	27,800*	140
145	55.5	277.5	24,400*	56.3	279.2	25,200*	57.6	281.5	26,400*	58.8	283.5	26,400*	145
150	54.0	273.9	23,600*	54.8	275.7	24,400*	56.1	278.1	25,500*	57.3	280.2	25,000*	150
155	52.4	270.0	22,800*	53.3	271.9	23,600*	54.6	274.6	24,600*	55.8	276.8	23,700*	155
160	50.8	265.9	21,900*	51.7	268.0	22,600*	53.0	270.8	23,400*	54.3	273.2	22,500*	160
165	49.2	261.5	20,600*	50.1	263.8	21,300*	51.4	266.8	22,300*	52.7	269.4	21,400*	165
170	47.5	256.9	19,500*	48.4	259.3	20,100*	49.8	262.5	21,100*	51.2	265.3	20,400*	170
175	45.8	252.1	18,400*	46.8	254.6	19,000*	48.2	258.0	19,900*	49.5	261.0	19,400*	175
180	44.0	246.9	17,300*	45.0	249.6	17,900*	46.5	253.3	18,800*	47.9	256.5	18,500*	180
185	42.2	241.4	16,400*	43.2	244.3	16,900*	44.7	248.2	17,700*	46.2	251.7	17,600*	185
190	40.3	235.5	15,400*	41.3	238.6	15,900*	42.9	242.8	16,700*	44.4	246.5	16,800*	190
195	38.3	229.1	14,600*	39.4	232.5	15,000*	41.0	237.1	15,800*	42.6	241.1	16,000*	195
200	36.2	222.3	13,800*	37.4	226.0	14,200*	39.1	230.9	14,900*	40.7	235.3	15,300*	200
205	34.0	215.0	13,000*	35.3	218.9	13,400*	37.0	224.3	14,000*	38.7	229.0	14,600*	205
210	31.7	206.9	12,200*	33.0	211.3	12,600*	34.9	217.2	13,200*	36.7	222.3	13,900*	210
215	29.2	198.1	11,500*	30.6	202.9	11,900*	32.6	209.4	12,500*	34.5	215.1	13,100*	215
220	26.5	188.2	10,900*	28.0	193.6	11,200*	30.2	200.9	11,800*	32.2	207.2	12,300*	220
225	23.4	177.0	10,200*	25.2	183.2	10,600*	27.5	191.5	11,100*	29.7	198.6	11,600*	225
230	20.0	163.8	9,600*	22.0	171.2	9,900*	24.7	180.8	10,400*	27.1	188.9	10,900*	230
235	15.7	147.3	8,500*	18.2	156.8	9,300*	21.4	168.5	9,800*	24.1	178.0	10,300*	235
240	9.7	123.3	6,200*	13.4	137.9	8,100*	17.5	153.5	9,200*	20.7	165.3	9,700*	240
245				4.6	102.5	5,100*	12.4	133.4	8,500*	16.7	149.7	9,100*	245
250										11.2	128.1	8,500*	250



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.2	320.4	31,600*										80
85	72.9	318.8	31,400*										85
90	71.7	317.1	31,100*	72.4	317.8	36,000*							90
95	70.4	315.3	30,900*	71.1	316.1	35,800*							95
100	69.1	313.4	30,600*	69.9	314.2	34,400*							100
105	67.9	311.3	30,400*	68.6	312.3	32,900*	69.6	313.4	34,400*				105
110	66.6	309.1	30,100*	67.3	310.1	31,600*	68.4	311.4	33,000*				110
115	65.3	306.8	29,400*	66.0	307.9	30,300*	67.1	309.2	31,700*				115
120	64.0	304.3	28,300*	64.7	305.5	29,200*	65.8	307.0	30,500*	66.9	308.1	31,700*	120
125	62.6	301.7	27,200*	63.4	303.0	28,100*	64.5	304.6	29,300*	65.6	305.8	30,500*	125
130	61.3	298.9	26,200*	62.0	300.3	27,100*	63.1	302.0	28,300*	64.2	303.4	29,400*	130
135	59.9	296.0	25,300*	60.7	297.4	26,100*	61.8	299.3	27,200*	62.9	300.8	28,300*	135
140	58.5	292.9	24,400*	59.3	294.4	25,200*	60.4	296.4	26,300*	61.6	298.1	27,300*	140
145	57.1	289.7	23,500*	57.9	291.3	24,300*	59.1	293.4	25,400*	60.2	295.2	25,900	145
150	55.7	286.2	22,800*	56.5	287.9	23,500*	57.7	290.2	24,500*	58.8	292.1	24,600	150
155	54.2	282.6	22,000*	55.0	284.4	22,700*	56.2	286.8	23,700*	57.4	288.9	23,300	155
160	52.7	278.8	21,300*	53.6	280.7	22,000*	54.8	283.3	22,900*	56.0	285.5	22,100	160
165	51.2	274.7	20,100*	52.1	276.8	20,800*	53.3	279.5	21,900*	54.5	281.9	21,000	165
170	49.7	270.5	18,900*	50.5	272.7	19,600*	51.8	275.6	20,600*	53.1	278.1	20,000	170
175	48.1	266.0	17,800*	49.0	268.3	18,400*	50.3	271.4	19,400*	51.5	274.1	19,000	175
180	46.4	261.2	16,800*	47.4	263.7	17,400*	48.7	267.0	18,200*	50.0	269.9	18,000	180
185	44.8	256.1	15,800*	45.7	258.8	16,400*	47.1	262.3	17,200*	48.4	265.5	17,200	185
190	43.0	250.8	14,900*	44.0	253.6	15,400*	45.4	257.4	16,200*	46.8	260.8	16,400	190
195	41.2	245.1	14,000*	42.2	248.1	14,500*	43.7	252.2	15,200*	45.1	255.8	15,600	195
200	39.4	239.0	13,200*	40.4	242.2	13,700*	41.9	246.6	14,400*	43.4	250.5	14,800	200
205	37.4	232.5	12,400*	38.5	235.9	12,900*	40.1	240.7	13,500*	41.6	244.8	14,100	205
210	35.4	225.5	11,700*	36.6	229.2	12,100*	38.2	234.3	12,700*	39.8	238.8	13,400*	210
215	33.3	217.9	11,000*	34.5	222.0	11,400*	36.2	227.5	12,000*	37.9	232.4	12,600*	215
220	31.0	209.6	10,300*	32.3	214.1	10,700*	34.1	220.2	11,200*	35.9	225.5	11,800*	220
225	28.5	200.6	9,700*	29.9	205.5	10,000*	31.9	212.2	10,500*	33.7	218.1	11,100*	225
230	25.9	190.5	9,100*	27.4	196.0	9,400*	29.5	203.5	9,900*	31.5	210.0	10,400*	230
235	22.9	179.0	8,500*	24.6	185.3	8,800*	26.9	193.8	9,300*	29.1	201.1	9,800*	235
240	19.5	165.4	7,900*	21.5	173.0	8,200*	24.1	182.9	8,700*	26.5	191.2	9,100*	240
245	15.4	148.6	6,800*	17.8	158.3	7,700*	20.9	170.2	8,100*	23.6	180.1	8,500*	245
250	9.4	124.0	4,700*	13.1	139.0	6,500*	17.1	154.9	7,500*	20.3	167.1	8,000*	250
255							12.1	134.4	6,900*	16.3	151.1	7,400*	255
260										11.0	129.0	6,900*	260



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.8	330.8	29,200*										80
85	73.6	329.3	28,900*										85
90	72.4	327.7	28,700*										90
95	71.2	326.0	28,400*	71.9	326.7	32,900*							95
100	70.0	324.1	28,100*	70.7	324.9	32,600*							100
105	68.8	322.1	27,900*	69.5	323.0	31,300*							105
110	67.6	320.0	27,600*	68.3	321.0	30,000*	69.3	322.2	31,300*				110
115	66.3	317.8	27,400*	67.0	318.9	28,800*	68.0	320.1	30,100*				115
120	65.1	315.5	26,800*	65.8	316.6	27,700*	66.8	318.0	28,900*				120
125	63.8	313.0	25,800*	64.5	314.2	26,700*	65.6	315.7	27,800*	66.6	316.8	28,900*	125
130	62.5	310.4	24,900*	63.2	311.6	25,700*	64.3	313.2	26,800*	65.3	314.5	27,800*	130
135	61.2	307.6	24,000*	62.0	308.9	24,700*	63.0	310.7	25,800*	64.1	312.1	26,800*	135
140	59.9	304.7	23,100*	60.6	306.1	23,800*	61.7	307.9	24,900*	62.8	309.5	25,900*	140
145	58.6	301.6	22,300*	59.3	303.1	23,000*	60.4	305.1	24,000*	61.5	306.7	25,000*	145
150	57.2	298.4	21,600*	58.0	300.0	22,200*	59.1	302.1	23,200*	60.2	303.8	24,100*	150
155	55.9	294.9	20,900*	56.6	296.6	21,500*	57.8	298.9	22,400*	58.9	300.8	22,900	155
160	54.5	291.3	20,200*	55.2	293.1	20,800*	56.4	295.5	21,700*	57.5	297.6	21,700	160
165	53.0	287.6	19,600*	53.8	289.5	20,200*	55.0	292.0	21,000*	56.2	294.2	20,600	165
170	51.6	283.6	18,400*	52.4	285.6	19,100*	53.6	288.3	20,100*	54.8	290.6	19,600	170
175	50.1	279.4	17,300*	50.9	281.5	17,900*	52.2	284.4	18,900*	53.3	286.9	18,600	175
180	48.6	274.9	16,300*	49.4	277.2	16,900*	50.7	280.3	17,800*	51.9	283.0	17,700	180
185	47.0	270.3	15,300*	47.9	272.7	15,900*	49.2	276.0	16,700*	50.4	278.8	16,800	185
190	45.4	265.3	14,400*	46.3	267.9	14,900*	47.6	271.4	15,700*	48.9	274.4	16,000	190
195	43.8	260.1	13,500*	44.7	262.8	14,000*	46.1	266.5	14,800*	47.4	269.8	15,200	195
200	42.1	254.6	12,700*	43.1	257.5	13,200*	44.5	261.4	13,900*	45.8	264.9	14,500	200
205	40.4	248.7	11,900*	41.3	251.8	12,400*	42.8	256.0	13,000*	44.2	259.8	13,700*	205
210	38.5	242.4	11,200*	39.6	245.8	11,600*	41.1	250.3	12,200*	42.5	254.3	12,900*	210
215	36.7	235.7	10,500*	37.7	239.3	10,900*	39.3	244.2	11,500*	40.7	248.5	12,100*	215
220	34.7	228.5	9,800*	35.8	232.4	10,200*	37.4	237.7	10,800*	38.9	242.3	11,300*	220
225	32.6	220.8	9,200*	33.8	224.9	9,500*	35.4	230.7	10,100*	37.1	235.7	10,600*	225
230	30.3	212.3	8,600*	31.6	216.9	8,900*	33.4	223.1	9,400*	35.1	228.6	9,900*	230
235	27.9	203.0	8,000*	29.3	208.1	8,300*	31.2	214.9	8,800*	33.0	221.0	9,300*	235
240	25.3	192.6	7,400*	26.8	198.3	7,700*	28.9	206.0	8,200*	30.8	212.7	8,700*	240
245	22.4	180.9	6,900*	24.1	187.4	7,200*	26.4	196.1	7,600*	28.5	203.6	8,100*	245
250	19.1	167.1	6,400*	21.0	174.8	6,700*	23.6	184.9	7,100*	25.9	193.5	7,500*	250
255	15.0	149.8	5,300*	17.4	159.8	6,200*	20.5	172.0	6,500*	23.1	182.1	7,000*	255
260				12.8	140.1	5,000*	16.7	156.3	6,000*	19.9	168.7	6,400*	260
265							11.8	135.4	5,400*	16.0	152.4	5,900*	265
270										10.8	129.9	5,400*	270



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.5	301.2	31,800*										75
80	73.2	299.7	31,600*										80
85	71.8	298.0	31,400*	72.6	298.7	34,300*							85
90	70.4	296.1	31,100*	71.2	296.9	33,900*							90
95	69.1	294.2	30,800*	69.8	295.1	33,500*							95
100	67.7	292.1	30,300*	68.4	293.0	33,100*	69.6	294.2	33,500*				100
105	66.3	289.8	30,000*	67.0	290.9	32,300*	68.2	292.2	33,100*				105
110	64.8	287.4	29,700*	65.6	288.5	30,800*	66.8	290.0	32,400*				110
115	63.4	284.8	28,500*	64.2	286.1	29,400*	65.4	287.6	30,900*	66.6	288.8	32,300*	115
120	61.9	282.1	27,300*	62.7	283.4	28,200*	63.9	285.1	29,600*	65.1	286.4	30,900*	120
125	60.4	279.2	26,100*	61.3	280.6	27,000*	62.5	282.4	28,300*	63.7	283.9	29,600*	125
130	58.9	276.1	25,100*	59.8	277.6	25,900*	61.0	279.6	27,200*	62.2	281.2	28,300*	130
135	57.4	272.9	24,100*	58.2	274.5	24,900*	59.5	276.6	26,100*	60.7	278.4	27,200*	135
140	55.8	269.4	23,100*	56.7	271.1	23,900*	58.0	273.4	25,100*	59.2	275.3	26,100*	140
145	54.2	265.8	22,300*	55.1	267.6	23,000*	56.4	270.0	24,100*	57.7	272.1	25,100*	145
150	52.6	261.9	21,400*	53.5	263.8	22,200*	54.8	266.5	23,200*	56.2	268.7	24,200*	150
155	50.9	257.8	20,700*	51.9	259.9	21,400*	53.2	262.7	22,300*	54.6	265.1	23,300*	155
160	49.2	253.4	20,000*	50.2	255.6	20,600*	51.6	258.6	21,600*	52.9	261.2	22,500*	160
165	47.5	248.7	19,300*	48.4	251.1	19,900*	49.9	254.4	20,800*	51.3	257.2	21,700*	165
170	45.6	243.8	18,600*	46.7	246.4	19,200*	48.1	249.8	20,100*	49.6	252.9	20,900*	170
175	43.8	238.5	18,000*	44.8	241.3	18,600*	46.4	245.0	19,400*	47.8	248.3	20,200*	175
180	41.8	232.9	17,500*	42.9	235.8	18,000*	44.5	239.9	18,800*	46.0	243.4	19,400	180
185	39.8	226.8	16,900*	41.0	230.0	17,500*	42.6	234.4	18,200*	44.2	238.2	18,500	185
190	37.7	220.3	16,100*	38.9	223.8	16,900*	40.6	228.5	17,700*	42.3	232.6	17,700	190
195	35.5	213.3	15,300*	36.7	217.0	16,400*	38.5	222.2	17,100*	40.3	226.7	16,900	195
200	33.1	205.6	14,600*	34.5	209.7	15,600*	36.4	215.3	16,300*	38.2	220.3	16,100	200
205	30.6	197.1	13,900*	32.0	201.7	14,800*	34.1	207.9	15,400*	36.0	213.3	15,400	205
210	27.8	187.7	13,300*	29.4	192.9	14,000*	31.6	199.8	14,600*	33.6	205.8	14,700	210
215	24.8	177.0	12,700*	26.5	182.9	13,200*	28.9	190.8	13,800*	31.1	197.5	14,100	215
220	21.4	164.6	12,100*	23.3	171.6	12,500*	26.0	180.6	13,100*	28.5	188.3	13,500	220
225	17.2	149.2	11,200*	19.6	158.0	11,800*	22.8	168.9	12,400*	25.5	178.0	12,900*	225
230	11.5	127.8	8,900*	15.0	140.6	10,800*	18.9	154.9	11,700*	22.1	165.9	12,200*	230
235				7.6	112.4	8,000*	14.0	136.5	11,000*	18.2	151.4	11,600*	235
240							5.1	102.4	8,000*	13.0	131.8	10,900*	240



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 180 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.9	310.2	30,100*										80
85	72.6	308.5	29,900*										85
90	71.3	306.8	29,700*	72.1	307.6	33,700*							90
95	70.0	304.9	29,500*	70.7	305.8	33,400*							95
100	68.7	302.9	29,300*	69.4	303.8	32,500*							100
105	67.3	300.8	29,000*	68.1	301.8	30,900*	69.2	303.0	32,500*				105
110	66.0	298.5	28,500*	66.7	299.6	29,500*	67.9	300.9	31,000*				110
115	64.6	296.1	27,300*	65.4	297.2	28,200*	66.5	298.7	29,600*				115
120	63.2	293.5	26,100*	64.0	294.7	27,000*	65.2	296.3	28,300*	66.3	297.5	29,500*	120
125	61.8	290.8	25,000*	62.6	292.1	25,900*	63.8	293.8	27,100*	64.9	295.1	28,300*	125
130	60.4	287.9	24,000*	61.2	289.3	24,800*	62.4	291.1	26,000*	63.5	292.6	27,100*	130
135	59.0	284.8	23,100*	59.8	286.3	23,900*	61.0	288.3	25,000*	62.1	289.9	26,000*	135
140	57.5	281.6	22,200*	58.3	283.2	22,900*	59.5	285.3	24,000*	60.7	287.0	25,000*	140
145	56.0	278.1	21,400*	56.8	279.8	22,000*	58.1	282.1	23,100*	59.3	284.0	24,100*	145
150	54.5	274.5	20,600*	55.3	276.3	21,200*	56.6	278.7	22,200*	57.8	280.8	23,200*	150
155	52.9	270.7	19,900*	53.8	272.6	20,500*	55.1	275.2	21,400*	56.3	277.4	22,300*	155
160	51.3	266.6	19,200*	52.2	268.7	19,800*	53.5	271.4	20,700*	54.8	273.8	21,500*	160
165	49.7	262.3	18,500*	50.6	264.5	19,100*	52.0	267.5	19,900*	53.3	270.0	20,800*	165
170	48.1	257.8	17,900*	49.0	260.1	18,500*	50.4	263.3	19,300*	51.7	266.0	20,000*	170
175	46.3	252.9	17,300*	47.3	255.4	17,900*	48.7	258.8	18,600*	50.1	261.8	19,400*	175
180	44.6	247.8	16,800*	45.6	250.5	17,300*	47.0	254.1	18,000*	48.4	257.3	18,700*	180
185	42.8	242.4	16,300*	43.8	245.2	16,700*	45.3	249.1	17,500*	46.7	252.5	18,000	185
190	40.9	236.5	15,800*	41.9	239.6	16,200*	43.5	243.8	16,900*	45.0	247.5	17,200	190
195	38.9	230.3	15,300*	40.0	233.6	15,700*	41.6	238.1	16,400*	43.1	242.1	16,400	195
200	36.8	223.6	14,600*	38.0	227.1	15,000*	39.7	232.0	15,800*	41.3	236.3	15,700	200
205	34.7	216.3	13,800*	35.9	220.2	14,200*	37.6	225.5	14,900*	39.3	230.2	15,000	205
210	32.4	208.4	13,000*	33.7	212.7	13,400*	35.5	218.5	14,100*	37.3	223.6	14,300	210
215	29.9	199.7	12,300*	31.3	204.4	12,700*	33.3	210.8	13,300*	35.1	216.4	13,700	215
220	27.2	190.1	11,600*	28.7	195.4	12,000*	30.9	202.5	12,500*	32.9	208.7	13,100*	220
225	24.2	179.1	10,900*	25.9	185.2	11,300*	28.3	193.2	11,800*	30.4	200.2	12,400*	225
230	20.9	166.3	10,300*	22.8	173.5	10,600*	25.4	182.8	11,200*	27.8	190.7	11,700*	230
235	16.8	150.6	9,400*	19.2	159.6	10,000*	22.2	170.8	10,500*	24.9	180.1	11,000*	235
240	11.2	128.6	7,200*	14.6	141.8	9,000*	18.5	156.4	9,900*	21.6	167.8	10,400*	240
245				7.4	112.9	6,400*	13.7	137.6	9,300*	17.7	152.8	9,800*	245
250							5.0	102.7	6,500*	12.6	132.8	9,200*	250



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 2

### 80 Ft. Boom, 190 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.6	320.6	28,500*										80
85	73.4	319.1	28,300*										85
90	72.1	317.4	28,100*	72.8	318.1	32,400*							90
95	70.9	315.6	28,000*	71.6	316.4	32,200*							95
100	69.6	313.7	27,800*	70.3	314.6	32,100*							100
105	68.3	311.7	27,600*	69.0	312.6	31,800*							105
110	67.0	309.5	27,400*	67.8	310.5	30,400*	68.8	311.7	31,400*				110
115	65.7	307.2	27,200*	66.5	308.3	29,100*	67.5	309.6	30,500*				115
120	64.4	304.8	27,000*	65.2	305.9	27,900*	66.3	307.4	29,200*				120
125	63.1	302.2	26,000*	63.8	303.4	26,800*	64.9	305.0	28,000*	66.0	306.2	29,200*	125
130	61.8	299.4	24,900*	62.5	300.7	25,800*	63.6	302.4	26,900*	64.7	303.8	28,000*	130
135	60.4	296.5	24,000*	61.2	297.9	24,800*	62.3	299.8	25,900*	63.4	301.2	26,900*	135
140	59.0	293.5	23,100*	59.8	295.0	23,900*	60.9	296.9	24,900*	62.0	298.5	25,900*	140
145	57.6	290.2	22,300*	58.4	291.8	23,000*	59.5	293.9	24,000*	60.7	295.7	25,000*	145
150	56.2	286.8	21,500*	57.0	288.5	22,200*	58.1	290.8	23,200*	59.3	292.7	24,100*	150
155	54.7	283.2	20,700*	55.5	285.0	21,400*	56.7	287.4	22,300*	57.9	289.5	23,300*	155
160	53.2	279.5	20,000*	54.1	281.4	20,700*	55.3	283.9	21,600*	56.5	286.1	22,400*	160
165	51.7	275.5	19,400*	52.6	277.5	20,000*	53.8	280.2	20,900*	55.0	282.6	21,600*	165
170	50.2	271.2	18,800*	51.0	273.4	19,300*	52.3	276.3	20,200*	53.6	278.8	20,600*	170
175	48.6	266.8	18,200*	49.5	269.1	18,700*	50.8	272.2	19,500*	52.0	274.9	19,600*	175
180	47.0	262.1	17,600*	47.9	264.5	18,200*	49.2	267.8	18,900*	50.5	270.7	18,700*	180
185	45.3	257.1	16,900*	46.2	259.6	17,500*	47.6	263.2	18,300*	48.9	266.3	17,800*	185
190	43.6	251.7	16,000*	44.5	254.5	16,500*	46.0	258.3	17,300*	47.3	261.6	17,000*	190
195	41.8	246.1	15,100*	42.8	249.1	15,600*	44.3	253.1	16,300*	45.7	256.7	16,200*	195
200	40.0	240.1	14,200*	41.0	243.3	14,700*	42.5	247.6	15,400*	44.0	251.4	15,400*	200
205	38.0	233.7	13,400*	39.1	237.1	13,900*	40.7	241.7	14,500*	42.2	245.9	14,700*	205
210	36.0	226.7	12,700*	37.1	230.4	13,100*	38.8	235.5	13,700*	40.4	239.9	14,100*	210
215	33.9	219.3	11,900*	35.1	223.3	12,300*	36.8	228.7	12,900*	38.4	233.6	13,400*	215
220	31.6	211.2	11,200*	32.9	215.5	11,600*	34.7	221.5	12,200*	36.5	226.8	12,800*	220
225	29.2	202.2	10,600*	30.6	207.1	10,900*	32.5	213.7	11,500*	34.4	219.4	12,100*	225
230	26.6	192.3	10,000*	28.1	197.8	10,300*	30.2	205.1	10,800*	32.1	211.5	11,400*	230
235	23.7	181.1	9,400*	25.4	187.3	9,700*	27.7	195.6	10,200*	29.8	202.7	10,700*	235
240	20.4	168.0	8,800*	22.3	175.4	9,100*	24.9	184.9	9,600*	27.2	193.1	10,000*	240
245	16.4	151.9	7,900*	18.7	161.2	8,500*	21.7	172.6	9,000*	24.3	182.2	9,400*	245
250	11.0	129.5	5,900*	14.3	143.0	7,600*	18.1	157.9	8,400*	21.1	169.5	8,800*	250
255				7.2	113.4	5,200*	13.4	138.7	7,900*	17.3	154.2	8,300*	255
260							4.9	103.0	5,200*	12.4	133.8	7,700*	260



# Liftcrane Fixed Jib Capacities

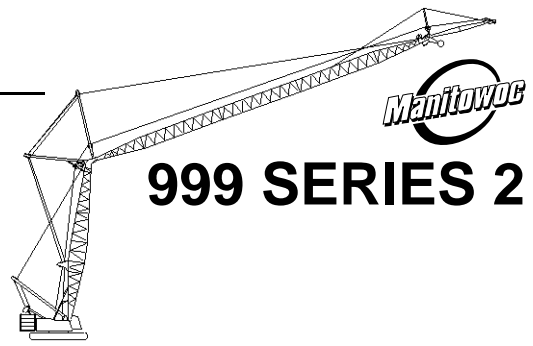
## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	329.5	26,600*										85
90	72.9	328.0	26,400*										90
95	71.7	326.2	26,300*	72.3	327.0	30,300*							95
100	70.5	324.4	26,100*	71.1	325.2	30,100*							100
105	69.2	322.5	25,900*	69.9	323.4	29,900*							105
110	68.0	320.4	25,800*	68.7	321.4	29,300*	69.7	322.5	29,500*				110
115	66.8	318.2	25,600*	67.5	319.2	28,100*	68.5	320.5	29,400*				115
120	65.5	315.9	25,400*	66.2	317.0	26,900*	67.3	318.3	28,100*				120
125	64.3	313.4	25,100*	65.0	314.6	25,800*	66.0	316.1	27,000*				125
130	63.0	310.8	24,100*	63.7	312.1	24,900*	64.7	313.7	26,000*	65.8	314.9	27,000*	130
135	61.7	308.1	23,200*	62.4	309.4	23,900*	63.5	311.1	25,000*	64.5	312.5	26,000*	135
140	60.4	305.2	22,300*	61.1	306.6	23,000*	62.2	308.4	24,100*	63.3	309.9	25,000*	140
145	59.0	302.1	21,500*	59.8	303.6	22,200*	60.9	305.6	23,200*	62.0	307.2	24,100*	145
150	57.7	298.9	20,800*	58.5	300.5	21,400*	59.6	302.6	22,400*	60.7	304.3	23,200*	150
155	56.3	295.5	20,000*	57.1	297.2	20,700*	58.2	299.4	21,600*	59.3	301.3	22,400*	155
160	54.9	292.0	19,400*	55.7	293.8	20,000*	56.9	296.1	20,800*	58.0	298.1	21,600*	160
165	53.5	288.2	18,700*	54.3	290.1	19,300*	55.5	292.6	20,100*	56.6	294.8	20,900*	165
170	52.1	284.3	18,100*	52.9	286.3	18,700*	54.1	289.0	19,500*	55.2	291.3	20,100*	170
175	50.6	280.1	17,600*	51.4	282.2	18,100*	52.6	285.1	18,900*	53.8	287.6	19,100*	175
180	49.1	275.7	17,000*	49.9	278.0	17,500*	51.2	281.0	18,300*	52.4	283.7	18,200*	180
185	47.5	271.1	16,400*	48.4	273.5	16,900*	49.7	276.7	17,700*	50.9	279.6	17,300*	185
190	46.0	266.2	15,400*	46.8	268.8	15,900*	48.1	272.2	16,800*	49.4	275.2	16,500*	190
195	44.3	261.1	14,500*	45.2	263.7	15,000*	46.6	267.4	15,800*	47.9	270.6	15,700*	195
200	42.6	255.6	13,700*	43.6	258.4	14,100*	45.0	262.4	14,900*	46.3	265.8	15,000*	200
205	40.9	249.8	12,900*	41.9	252.8	13,300*	43.3	257.0	14,000*	44.7	260.7	14,300*	205
210	39.1	243.6	12,100*	40.1	246.8	12,500*	41.6	251.3	13,200*	43.0	255.3	13,600*	210
215	37.2	236.9	11,400*	38.3	240.5	11,800*	39.8	245.3	12,400*	41.3	249.6	13,000*	215
220	35.2	229.8	10,700*	36.4	233.6	11,100*	38.0	238.8	11,700*	39.5	243.4	12,300*	220
225	33.2	222.2	10,000*	34.3	226.3	10,400*	36.0	231.9	10,900*	37.6	236.9	11,500*	225
230	31.0	213.9	9,400*	32.2	218.4	9,800*	34.0	224.5	10,300*	35.7	229.9	10,800*	230
235	28.6	204.7	8,800*	29.9	209.7	9,100*	31.8	216.4	9,600*	33.6	222.4	10,100*	235
240	26.0	194.6	8,200*	27.5	200.1	8,500*	29.5	207.6	9,000*	31.5	214.2	9,500*	240
245	23.2	183.1	7,700*	24.8	189.4	8,000*	27.1	197.9	8,400*	29.1	205.3	8,900*	245
250	20.0	169.7	7,200*	21.8	177.2	7,400*	24.3	187.0	7,900*	26.6	195.4	8,300*	250
255	16.1	153.3	6,300*	18.3	162.7	6,900*	21.3	174.4	7,300*	23.8	184.2	7,800*	255
260	10.7	130.3	4,400*	14.0	144.1	6,000*	17.7	159.4	6,800*	20.7	171.3	7,200*	260
265							13.1	139.8	6,300*	17.0	155.6	6,700*	265
270										12.1	134.7	6,200*	270



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	340.0	24,900*										85
90	73.5	338.5	24,700*										90
95	72.4	336.8	24,600*										95
100	71.2	335.1	24,400*	71.9	335.8	28,100*							100
105	70.1	333.2	24,200*	70.7	334.0	28,000*							105
110	68.9	331.2	24,000*	69.5	332.1	27,800*							110
115	67.7	329.1	23,900*	68.4	330.1	26,700*	69.4	331.3	27,400*				115
120	66.5	326.9	23,700*	67.2	328.0	25,600*	68.2	329.2	26,800*				120
125	65.3	324.6	23,500*	66.0	325.7	24,600*	67.0	327.1	25,700*				125
130	64.1	322.1	22,900*	64.8	323.3	23,700*	65.8	324.8	24,700*	66.8	325.9	25,600*	130
135	62.9	319.5	22,100*	63.6	320.7	22,800*	64.6	322.3	23,700*	65.6	323.6	24,700*	135
140	61.6	316.7	21,200*	62.3	318.1	21,900*	63.3	319.8	22,900*	64.4	321.2	23,700*	140
145	60.4	313.8	20,500*	61.1	315.3	21,100*	62.1	317.1	22,000*	63.1	318.6	22,900*	145
150	59.1	310.8	19,700*	59.8	312.3	20,300*	60.9	314.2	21,200*	61.9	315.9	22,100*	150
155	57.8	307.6	19,000*	58.5	309.2	19,600*	59.6	311.3	20,500*	60.6	313.0	21,300*	155
160	56.5	304.2	18,400*	57.2	305.9	19,000*	58.3	308.1	19,800*	59.4	310.0	20,500*	160
165	55.1	300.7	17,800*	55.9	302.5	18,300*	57.0	304.8	19,100*	58.1	306.8	19,800*	165
170	53.8	297.0	17,200*	54.5	298.9	17,700*	55.7	301.4	18,500*	56.8	303.5	19,200*	170
175	52.4	293.1	16,700*	53.2	295.1	17,200*	54.3	297.7	17,900*	55.4	300.0	18,600*	175
180	51.0	289.0	16,200*	51.8	291.1	16,600*	52.9	293.9	17,300*	54.1	296.3	17,800	180
185	49.5	284.7	15,700*	50.3	286.9	16,100*	51.5	289.9	16,800*	52.7	292.5	17,000	185
190	48.1	280.1	14,900*	48.9	282.5	15,500*	50.1	285.6	16,300*	51.3	288.4	16,100	190
195	46.6	275.4	14,000*	47.4	277.8	14,500*	48.6	281.2	15,300*	49.9	284.1	15,400	195
200	45.0	270.3	13,200*	45.9	272.9	13,700*	47.2	276.5	14,400*	48.4	279.6	14,600	200
205	43.4	265.0	12,400*	44.3	267.8	12,800*	45.6	271.6	13,500*	46.9	274.9	13,900	205
210	41.8	259.3	11,600*	42.7	262.3	12,000*	44.0	266.3	12,700*	45.3	269.9	13,200	210
215	40.1	253.3	10,900*	41.0	256.5	11,300*	42.4	260.8	11,900*	43.8	264.7	12,500*	215
220	38.3	247.0	10,200*	39.3	250.3	10,600*	40.7	255.0	11,200*	42.1	259.1	11,800*	220
225	36.5	240.2	9,600*	37.5	243.8	9,900*	39.0	248.8	10,500*	40.4	253.2	11,000*	225
230	34.5	232.9	8,900*	35.6	236.8	9,300*	37.2	242.1	9,800*	38.7	246.9	10,300*	230
235	32.5	225.0	8,300*	33.6	229.3	8,700*	35.3	235.0	9,100*	36.9	240.2	9,700*	235
240	30.3	216.5	7,800*	31.6	221.1	8,100*	33.3	227.4	8,500*	34.9	233.0	9,000*	240
245	28.0	207.1	7,200*	29.3	212.2	7,500*	31.2	219.1	8,000*	32.9	225.3	8,400*	245
250	25.5	196.8	6,700*	26.9	202.5	7,000*	28.9	210.1	7,400*	30.8	216.9	7,800*	250
255	22.7	185.0	6,200*	24.3	191.5	6,400*	26.5	200.2	6,900*	28.5	207.7	7,300*	255
260	19.5	171.3	5,700*	21.4	179.0	5,900*	23.8	189.0	6,300*	26.1	197.6	6,700*	260
265	15.7	154.6	4,800*	18.0	164.2	5,500*	20.8	176.2	5,800*	23.3	186.2	6,200*	265
270				13.7	145.2	4,600*	17.3	160.8	5,400*	20.3	173.0	5,700*	270
275							12.8	140.8	4,900*	16.6	157.0	5,300*	275
280										11.8	135.7	4,800*	280





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.0	310.2	24,200*										80
85	72.7	308.6	24,000*										85
90	71.4	306.8	23,600*	72.1	307.6	27,200*							90
95	70.1	305.0	23,300*	70.8	305.8	26,900*							95
100	68.8	303.0	22,900*	69.5	303.9	26,500*							100
105	67.4	300.8	22,600*	68.2	301.8	26,200*	69.3	303.0	26,200*				105
110	66.1	298.5	22,300*	66.8	299.6	25,800*	67.9	300.9	25,900*				110
115	64.7	296.1	22,000*	65.5	297.3	25,500*	66.6	298.7	25,600*				115
120	63.3	293.5	21,700*	64.1	294.8	25,100*	65.2	296.3	25,200*	66.4	297.6	25,200*	120
125	61.9	290.8	21,400*	62.7	292.1	24,700*	63.8	293.8	24,900*	65.0	295.2	24,800*	125
130	60.5	287.9	21,100*	61.3	289.3	23,600*	62.5	291.1	24,500*	63.6	292.6	24,500*	130
135	59.0	284.8	20,800*	59.8	286.3	22,600*	61.0	288.3	23,700*	62.2	289.9	24,200*	135
140	57.6	281.6	20,500*	58.4	283.2	21,700*	59.6	285.3	22,700*	60.8	287.1	23,700*	140
145	56.1	278.2	20,200*	56.9	279.9	20,800*	58.1	282.1	21,800*	59.3	284.0	22,800*	145
150	54.6	274.5	19,400*	55.4	276.4	20,000*	56.7	278.8	21,000*	57.9	280.8	21,900*	150
155	53.0	270.7	18,700*	53.9	272.7	19,300*	55.1	275.2	20,200*	56.4	277.4	21,000*	155
160	51.4	266.7	18,000*	52.3	268.7	18,600*	53.6	271.5	19,400*	54.9	273.9	20,200*	160
165	49.8	262.4	17,300*	50.7	264.6	17,900*	52.0	267.5	18,700*	53.3	270.1	19,500*	165
170	48.1	257.8	16,700*	49.1	260.2	17,300*	50.4	263.3	18,000*	51.8	266.1	18,800*	170
175	46.4	253.0	16,200*	47.4	255.5	16,700*	48.8	258.9	17,400*	50.1	261.8	18,100*	175
180	44.7	247.9	15,600*	45.6	250.5	16,100*	47.1	254.2	16,800*	48.5	257.3	17,500*	180
185	42.8	242.4	15,100*	43.9	245.3	15,600*	45.3	249.2	16,300*	46.8	252.6	16,900*	185
190	40.9	236.6	14,600*	42.0	239.6	15,100*	43.5	243.8	15,700*	45.0	247.5	16,400*	190
195	39.0	230.3	14,200*	40.1	233.6	14,600*	41.7	238.1	15,200*	43.2	242.1	15,800*	195
200	36.9	223.6	13,700*	38.1	227.2	14,200*	39.7	232.1	14,800*	41.3	236.4	15,300*	200
205	34.7	216.4	13,300*	36.0	220.3	13,700*	37.7	225.5	14,300*	39.4	230.2	14,900*	205
210	32.4	208.5	12,900*	33.7	212.7	13,300*	35.6	218.5	13,900*	37.4	223.6	14,400*	210
215	30.0	199.8	12,400*	31.4	204.5	12,900*	33.3	210.9	13,500*	35.2	216.5	14,000*	215
220	27.3	190.1	11,900*	28.8	195.4	12,600*	30.9	202.5	13,100*	32.9	208.7	13,600*	220
225	24.3	179.2	11,400*	26.0	185.2	12,000*	28.4	193.3	12,500*	30.5	200.2	13,000*	225
230	20.9	166.4	10,900*	22.9	173.6	11,300*	25.5	182.9	11,800*	27.9	190.8	12,400*	230
235	16.9	150.7	10,000*	19.3	159.7	10,700*	22.3	170.9	11,200*	25.0	180.2	11,700*	235
240	11.4	128.8	7,900*	14.7	141.9	9,700*	18.6	156.5	10,600*	21.7	167.9	11,100*	240
245				7.5	113.2	7,100*	13.8	137.8	10,000*	17.8	152.9	10,500*	245
250							5.2	103.2	7,100*	12.8	132.9	9,900*	250



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 180 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.7	320.6	23,600*										80
85	73.4	319.1	23,400*										85
90	72.2	317.4	23,100*	72.9	318.1	26,700*							90
95	70.9	315.6	22,700*	71.6	316.4	26,400*							95
100	69.7	313.7	22,500*	70.4	314.6	26,000*							100
105	68.4	311.7	22,200*	69.1	312.6	25,700*							105
110	67.1	309.5	21,900*	67.8	310.5	25,300*	68.9	311.8	25,400*				110
115	65.8	307.2	21,600*	66.5	308.3	25,000*	67.6	309.6	25,100*				115
120	64.5	304.8	21,400*	65.2	305.9	24,700*	66.3	307.4	24,800*				120
125	63.2	302.2	21,100*	63.9	303.4	23,600*	65.0	305.0	24,500*	66.1	306.3	24,400*	125
130	61.8	299.5	20,800*	62.6	300.8	22,600*	63.7	302.5	23,700*	64.8	303.8	24,100*	130
135	60.5	296.6	20,600*	61.2	298.0	21,700*	62.4	299.8	22,700*	63.5	301.3	23,700*	135
140	59.1	293.5	20,200*	59.9	295.0	20,800*	61.0	297.0	21,800*	62.1	298.6	22,700*	140
145	57.7	290.3	19,400*	58.5	291.9	20,000*	59.6	294.0	20,900*	60.8	295.7	21,800*	145
150	56.2	286.9	18,600*	57.0	288.6	19,200*	58.2	290.8	20,100*	59.4	292.7	20,900*	150
155	54.8	283.3	17,900*	55.6	285.1	18,500*	56.8	287.5	19,300*	58.0	289.5	20,100*	155
160	53.3	279.5	17,300*	54.1	281.4	17,800*	55.4	284.0	18,600*	56.6	286.1	19,400*	160
165	51.8	275.5	16,600*	52.6	277.5	17,200*	53.9	280.3	17,900*	55.1	282.6	18,700*	165
170	50.3	271.3	16,100*	51.1	273.4	16,600*	52.4	276.3	17,300*	53.6	278.8	18,000*	170
175	48.7	266.8	15,500*	49.6	269.1	16,000*	50.9	272.2	16,700*	52.1	274.9	17,400*	175
180	47.0	262.1	15,000*	48.0	264.5	15,500*	49.3	267.8	16,100*	50.6	270.7	16,800*	180
185	45.4	257.1	14,500*	46.3	259.7	15,000*	47.7	263.2	15,600*	49.0	266.3	16,200*	185
190	43.7	251.8	14,100*	44.6	254.6	14,500*	46.0	258.3	15,100*	47.4	261.6	15,700*	190
195	41.9	246.2	13,600*	42.9	249.1	14,000*	44.3	253.1	14,600*	45.7	256.7	15,200*	195
200	40.0	240.1	13,200*	41.1	243.3	13,600*	42.6	247.6	14,200*	44.0	251.5	14,700*	200
205	38.1	233.7	12,800*	39.2	237.1	13,200*	40.8	241.8	13,700*	42.3	245.9	14,300*	205
210	36.1	226.8	12,400*	37.2	230.5	12,800*	38.9	235.5	13,300*	40.4	240.0	13,800*	210
215	34.0	219.3	12,100*	35.2	223.3	12,400*	36.9	228.8	12,900*	38.5	233.6	13,400*	215
220	31.7	211.2	11,700*	33.0	215.6	12,100*	34.8	221.6	12,600*	36.5	226.8	13,000*	220
225	29.3	202.3	11,100*	30.7	207.2	11,400*	32.6	213.7	12,000*	34.4	219.5	12,500*	225
230	26.7	192.4	10,400*	28.2	197.8	10,800*	30.3	205.1	11,300*	32.2	211.5	11,800*	230
235	23.8	181.2	9,800*	25.4	187.4	10,200*	27.7	195.6	10,700*	29.8	202.8	11,200*	235
240	20.5	168.1	9,300*	22.4	175.5	9,600*	25.0	185.0	10,000*	27.3	193.1	10,500*	240
245	16.5	152.1	8,300*	18.8	161.3	9,000*	21.8	172.7	9,500*	24.4	182.2	9,900*	245
250	11.1	129.7	6,300*	14.4	143.1	8,000*	18.2	158.0	8,900*	21.2	169.6	9,300*	250
255				7.3	113.7	5,600*	13.5	138.8	8,300*	17.4	154.4	8,800*	255
260							5.0	103.5	5,600*	12.5	133.9	8,200*	260



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	329.6	22,700*										85
90	72.9	328.0	22,500*										90
95	71.7	326.3	22,200*	72.4	327.0	25,600*							95
100	70.5	324.5	22,000*	71.2	325.3	25,400*							100
105	69.3	322.5	21,600*	70.0	323.4	25,100*							105
110	68.1	320.4	21,400*	68.8	321.4	24,700*	69.8	322.5	24,700*				110
115	66.8	318.2	21,200*	67.5	319.3	24,500*	68.6	320.5	24,500*				115
120	65.6	315.9	20,900*	66.3	317.0	24,200*	67.3	318.4	24,200*				120
125	64.3	313.5	20,700*	65.0	314.6	23,900*	66.1	316.1	24,000*				125
130	63.0	310.9	20,500*	63.8	312.1	23,400*	64.8	313.7	23,700*	65.9	315.0	23,500*	130
135	61.8	308.1	20,200*	62.5	309.4	22,500*	63.5	311.1	23,400*	64.6	312.5	23,300*	135
140	60.4	305.2	20,000*	61.2	306.6	21,600*	62.3	308.5	22,600*	63.3	309.9	23,100*	140
145	59.1	302.2	19,800*	59.9	303.7	20,800*	61.0	305.6	21,700*	62.0	307.2	22,600*	145
150	57.8	299.0	19,400*	58.5	300.5	20,000*	59.6	302.6	20,900*	60.7	304.4	21,800*	150
155	56.4	295.6	18,700*	57.2	297.3	19,300*	58.3	299.5	20,100*	59.4	301.4	20,900*	155
160	55.0	292.0	18,000*	55.8	293.8	18,600*	56.9	296.2	19,400*	58.1	298.2	20,200*	160
165	53.6	288.3	17,400*	54.4	290.2	17,900*	55.5	292.7	18,700*	56.7	294.8	19,500*	165
170	52.1	284.3	16,800*	53.0	286.3	17,300*	54.1	289.0	18,100*	55.3	291.3	18,800*	170
175	50.7	280.2	16,200*	51.5	282.3	16,700*	52.7	285.1	17,500*	53.9	287.6	18,200*	175
180	49.2	275.8	15,700*	50.0	278.0	16,200*	51.2	281.1	16,900*	52.5	283.7	17,600*	180
185	47.6	271.2	15,200*	48.5	273.5	15,700*	49.8	276.8	16,400*	51.0	279.6	17,000*	185
190	46.0	266.3	14,800*	46.9	268.8	15,200*	48.2	272.2	15,800*	49.5	275.3	16,500*	190
195	44.4	261.1	14,300*	45.3	263.8	14,700*	46.7	267.5	15,400*	47.9	270.7	15,900*	195
200	42.7	255.6	13,900*	43.7	258.5	14,300*	45.0	262.4	14,900*	46.4	265.9	15,500*	200
205	41.0	249.8	13,500*	42.0	252.9	13,900*	43.4	257.0	14,500*	44.8	260.8	14,800*	205
210	39.2	243.6	12,800*	40.2	246.9	13,200*	41.7	251.4	13,800*	43.1	255.3	14,100*	210
215	37.3	237.0	12,000*	38.3	240.5	12,400*	39.9	245.3	13,100*	41.4	249.6	13,500*	215
220	35.3	229.9	11,400*	36.4	233.7	11,700*	38.0	238.9	12,300*	39.6	243.5	12,900*	220
225	33.2	222.2	10,700*	34.4	226.4	11,100*	36.1	232.0	11,600*	37.7	237.0	12,200*	225
230	31.0	213.9	10,100*	32.3	218.4	10,400*	34.1	224.5	10,900*	35.8	230.0	11,500*	230
235	28.7	204.8	9,500*	30.0	209.8	9,800*	31.9	216.5	10,300*	33.7	222.4	10,800*	235
240	26.1	194.6	8,900*	27.6	200.2	9,200*	29.6	207.7	9,700*	31.5	214.3	10,200*	240
245	23.3	183.2	8,400*	24.9	189.5	8,600*	27.1	198.0	9,100*	29.2	205.3	9,600*	245
250	20.0	169.8	7,800*	21.9	177.3	8,100*	24.4	187.1	8,500*	26.7	195.4	9,000*	250
255	16.1	153.4	6,900*	18.4	162.8	7,600*	21.4	174.5	8,000*	23.9	184.3	8,400*	255
260	10.8	130.5	5,000*	14.1	144.2	6,700*	17.8	159.5	7,500*	20.8	171.4	7,900*	260
265				7.2	114.2	4,400*	13.2	139.9	7,000*	17.1	155.8	7,400*	265
270							4.9	103.8	4,400*	12.2	134.9	6,900*	270



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	340.0	21,800*										85
90	73.6	338.5	21,600*										90
95	72.5	336.9	21,500*										95
100	71.3	335.1	21,300*	71.9	335.9	24,500*							100
105	70.1	333.2	21,000*	70.8	334.1	24,300*							105
110	69.0	331.3	20,900*	69.6	332.2	24,100*							110
115	67.8	329.2	20,700*	68.4	330.1	23,900*	69.4	331.3	23,800*				115
120	66.6	327.0	20,400*	67.2	328.0	23,500*	68.2	329.3	23,600*				120
125	65.4	324.6	20,200*	66.1	325.7	23,300*	67.0	327.1	23,300*				125
130	64.2	322.1	20,000*	64.8	323.3	22,600*	65.8	324.8	23,000*	66.8	326.0	22,800*	130
135	62.9	319.5	19,800*	63.6	320.8	21,700*	64.6	322.4	22,700*	65.6	323.6	22,600*	135
140	61.7	316.8	19,600*	62.4	318.1	20,900*	63.4	319.8	21,800*	64.4	321.2	22,400*	140
145	60.4	313.9	19,400*	61.1	315.3	20,100*	62.2	317.1	21,000*	63.2	318.6	21,800*	145
150	59.1	310.8	18,700*	59.9	312.3	19,300*	60.9	314.3	20,200*	62.0	315.9	21,000*	150
155	57.9	307.6	18,100*	58.6	309.2	18,600*	59.6	311.3	19,400*	60.7	313.0	20,200*	155
160	56.5	304.3	17,400*	57.3	305.9	18,000*	58.4	308.2	18,700*	59.4	310.0	19,500*	160
165	55.2	300.7	16,800*	56.0	302.5	17,300*	57.1	304.9	18,100*	58.1	306.9	18,800*	165
170	53.8	297.0	16,300*	54.6	298.9	16,800*	55.7	301.4	17,500*	56.8	303.5	18,200*	170
175	52.5	293.1	15,700*	53.2	295.1	16,200*	54.4	297.8	16,900*	55.5	300.0	17,600*	175
180	51.1	289.0	15,200*	51.8	291.1	15,700*	53.0	293.9	16,300*	54.1	296.4	17,000*	180
185	49.6	284.7	14,700*	50.4	286.9	15,200*	51.6	289.9	15,800*	52.8	292.5	16,400*	185
190	48.1	280.2	14,300*	49.0	282.5	14,700*	50.2	285.7	15,300*	51.4	288.4	15,900*	190
195	46.6	275.4	13,900*	47.5	277.9	14,300*	48.7	281.2	14,900*	49.9	284.2	15,400*	195
200	45.1	270.3	13,400*	45.9	273.0	13,800*	47.2	276.5	14,400*	48.5	279.7	15,000*	200
205	43.5	265.0	13,000*	44.4	267.8	13,400*	45.7	271.6	14,000*	47.0	275.0	14,300	205
210	41.8	259.4	12,200*	42.8	262.3	12,600*	44.1	266.4	13,300*	45.4	270.0	13,700	210
215	40.1	253.4	11,500*	41.1	256.5	11,900*	42.5	260.9	12,500*	43.8	264.7	13,000	215
220	38.4	247.0	10,800*	39.4	250.4	11,200*	40.8	255.0	11,800*	42.2	259.1	12,400*	220
225	36.5	240.2	10,200*	37.6	243.8	10,500*	39.1	248.8	11,100*	40.5	253.2	11,600*	225
230	34.6	232.9	9,500*	35.7	236.8	9,900*	37.3	242.2	10,400*	38.8	246.9	10,900*	230
235	32.6	225.1	8,900*	33.7	229.3	9,300*	35.4	235.1	9,800*	36.9	240.2	10,300*	235
240	30.4	216.6	8,400*	31.6	221.2	8,700*	33.4	227.5	9,100*	35.0	233.1	9,600*	240
245	28.1	207.2	7,800*	29.4	212.3	8,100*	31.3	219.2	8,600*	33.0	225.3	9,000*	245
250	25.6	196.8	7,300*	27.0	202.5	7,600*	29.0	210.2	8,000*	30.9	217.0	8,400*	250
255	22.8	185.1	6,800*	24.4	191.6	7,100*	26.6	200.3	7,500*	28.6	207.8	7,900*	255
260	19.6	171.4	6,300*	21.5	179.1	6,600*	23.9	189.1	6,900*	26.1	197.7	7,400*	260
265	15.8	154.7	5,400*	18.0	164.3	6,100*	20.9	176.3	6,400*	23.4	186.3	6,800*	265
270				13.8	145.3	5,200*	17.4	160.9	6,000*	20.4	173.1	6,300*	270
275							12.9	140.9	5,500*	16.7	157.1	5,900*	275
280										11.9	135.8	5,400*	280



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.2	349.0	20,700*										90
95	73.1	347.4	20,600*										95
100	72.0	345.7	20,400*	72.6	346.4	23,500*							100
105	70.9	343.9	20,200*	71.5	344.7	23,300*							105
110	69.8	342.0	20,100*	70.4	342.9	23,100*							110
115	68.6	340.0	19,900*	69.3	340.9	23,000*							115
120	67.5	337.9	19,700*	68.1	338.9	22,800*	69.1	340.1	22,700*				120
125	66.3	335.7	19,500*	67.0	336.7	22,500*	67.9	338.0	22,500*				125
130	65.2	333.3	19,400*	65.8	334.4	21,500*	66.8	335.8	22,400*				130
135	64.0	330.8	19,100*	64.7	332.0	20,700*	65.6	333.5	21,600*	66.6	334.7	21,900*	135
140	62.8	328.2	19,000*	63.5	329.4	19,900*	64.5	331.0	20,700*	65.4	332.3	21,600*	140
145	61.6	325.4	18,500*	62.3	326.8	19,100*	63.3	328.5	19,900*	64.3	329.9	20,700*	145
150	60.4	322.5	17,800*	61.1	323.9	18,400*	62.1	325.8	19,200*	63.1	327.3	20,000*	150
155	59.2	319.5	17,200*	59.9	321.0	17,700*	60.9	322.9	18,500*	61.9	324.6	19,200*	155
160	57.9	316.3	16,600*	58.6	317.9	17,100*	59.7	320.0	17,800*	60.7	321.7	18,500*	160
165	56.7	313.0	16,000*	57.4	314.6	16,500*	58.4	316.8	17,200*	59.4	318.7	17,900*	165
170	55.4	309.5	15,500*	56.1	311.2	15,900*	57.2	313.5	16,600*	58.2	315.5	17,200*	170
175	54.1	305.8	14,900*	54.8	307.6	15,400*	55.9	310.1	16,000*	56.9	312.2	16,700*	175
180	52.8	301.9	14,500*	53.5	303.9	14,900*	54.6	306.5	15,500*	55.7	308.8	16,100*	180
185	51.4	297.9	14,000*	52.2	299.9	14,400*	53.3	302.7	15,000*	54.4	305.1	15,600*	185
190	50.0	293.6	13,600*	50.8	295.8	14,000*	51.9	298.7	14,500*	53.0	301.3	15,100*	190
195	48.6	289.2	13,100*	49.4	291.5	13,500*	50.6	294.6	14,100*	51.7	297.3	14,600*	195
200	47.2	284.5	12,700*	48.0	286.9	13,100*	49.2	290.2	13,600*	50.3	293.1	14,200*	200
205	45.7	279.5	12,400*	46.5	282.1	12,700*	47.7	285.6	13,200*	48.9	288.7	13,700*	205
210	44.2	274.3	11,700*	45.0	277.0	12,100*	46.3	280.7	12,800*	47.5	284.0	13,300*	210
215	42.6	268.9	11,000*	43.5	271.7	11,400*	44.8	275.6	12,000*	46.0	279.1	12,700*	215
220	41.0	263.0	10,300*	41.9	266.1	10,700*	43.2	270.3	11,300*	44.5	274.0	11,900*	220
225	39.3	256.9	9,700*	40.3	260.1	10,000*	41.6	264.6	10,600*	43.0	268.6	11,200*	225
230	37.6	250.4	9,000*	38.6	253.8	9,400*	40.0	258.6	9,900*	41.4	262.8	10,500*	230
235	35.8	243.4	8,400*	36.8	247.1	8,800*	38.3	252.2	9,300*	39.7	256.8	9,800*	235
240	33.9	235.9	7,900*	35.0	239.9	8,200*	36.5	245.4	8,700*	38.0	250.3	9,100*	240
245	31.9	227.9	7,300*	33.1	232.2	7,600*	34.7	238.1	8,100*	36.2	243.4	8,500*	245
250	29.8	219.1	6,800*	31.0	223.9	7,100*	32.7	230.3	7,500*	34.3	236.1	8,000*	250
255	27.5	209.6	6,300*	28.8	214.8	6,600*	30.7	221.9	7,000*	32.4	228.2	7,400*	255
260	25.1	199.0	5,800*	26.5	204.8	6,100*	28.5	212.7	6,500*	30.3	219.6	6,900*	260
265	22.4	187.0	5,300*	23.9	193.6	5,600*	26.1	202.5	6,000*	28.0	210.2	6,400*	265
270	19.2	173.0	4,900*	21.0	180.9	5,100*	23.5	191.1	5,500*	25.6	199.9	5,900*	270
275	15.5	155.9	4,000*	17.7	165.7	4,700*	20.5	178.0	5,000*	23.0	188.2	5,400*	275
280							17.1	162.3	4,600*	19.9	174.7	4,900*	280
285							12.6	141.9	4,200*	16.4	158.5	4,500*	285
290										11.7	136.7	4,100*	290



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.6	320.7	18,700*										80
85	73.3	319.2	18,400*										85
90	72.1	317.5	18,100*	72.8	318.2	21,000*							90
95	70.8	315.7	17,800*	71.5	316.5	20,700*							95
100	69.6	313.8	17,600*	70.3	314.7	20,300*							100
105	68.3	311.8	17,300*	69.0	312.7	20,000*							105
110	67.0	309.6	17,000*	67.7	310.6	19,700*	68.8	311.8	19,800*				110
115	65.7	307.3	16,700*	66.4	308.4	19,400*	67.5	309.7	19,500*				115
120	64.4	304.9	16,500*	65.1	306.0	19,100*	66.2	307.5	19,200*				120
125	63.1	302.3	16,200*	63.8	303.5	18,800*	64.9	305.1	18,900*	66.0	306.3	19,000*	125
130	61.7	299.5	16,000*	62.5	300.9	18,500*	63.6	302.6	18,600*	64.7	303.9	18,700*	130
135	60.4	296.6	15,700*	61.1	298.1	18,200*	62.2	299.9	18,400*	63.4	301.4	18,400*	135
140	59.0	293.6	15,500*	59.7	295.1	17,900*	60.9	297.0	18,100*	62.0	298.7	18,100*	140
145	57.6	290.4	15,200*	58.4	292.0	17,700*	59.5	294.1	17,800*	60.6	295.8	17,900*	145
150	56.1	287.0	15,000*	56.9	288.7	17,400*	58.1	290.9	17,700*	59.3	292.8	17,600*	150
155	54.7	283.4	14,800*	55.5	285.2	17,300*	56.7	287.6	17,400*	57.9	289.6	17,400*	155
160	53.2	279.6	14,600*	54.0	281.5	16,900*	55.3	284.0	17,000*	56.4	286.2	17,100*	160
165	51.7	275.6	14,400*	52.5	277.6	16,700*	53.8	280.3	16,800*	55.0	282.7	16,900*	165
170	50.2	271.4	14,200*	51.0	273.5	16,100*	52.3	276.4	16,700*	53.5	278.9	16,600*	170
175	48.6	266.9	14,000*	49.5	269.2	15,500*	50.8	272.3	16,200*	52.0	275.0	16,400*	175
180	46.9	262.2	13,800*	47.9	264.6	14,900*	49.2	267.9	15,600*	50.5	270.8	16,300*	180
185	45.3	257.2	13,600*	46.2	259.8	14,400*	47.6	263.3	15,000*	48.9	266.4	15,700*	185
190	43.6	251.9	13,400*	44.5	254.7	13,900*	45.9	258.4	14,500*	47.3	261.7	15,100*	190
195	41.8	246.3	13,000*	42.8	249.2	13,400*	44.2	253.2	14,000*	45.6	256.8	14,600*	195
200	39.9	240.3	12,600*	41.0	243.4	13,000*	42.5	247.7	13,600*	43.9	251.6	14,100*	200
205	38.0	233.8	12,200*	39.1	237.2	12,600*	40.7	241.9	13,100*	42.2	246.0	13,700*	205
210	36.0	226.9	11,800*	37.1	230.6	12,200*	38.8	235.6	12,700*	40.3	240.1	13,200*	210
215	33.9	219.5	11,500*	35.1	223.5	11,800*	36.8	228.9	12,300*	38.4	233.8	12,800*	215
220	31.6	211.4	11,100*	32.9	215.7	11,400*	34.7	221.7	11,900*	36.4	227.0	12,400*	220
225	29.2	202.5	10,800*	30.6	207.3	11,100*	32.5	213.8	11,600*	34.3	219.6	12,000*	225
230	26.6	192.6	10,500*	28.1	198.0	10,800*	30.2	205.3	11,200*	32.1	211.7	11,700*	230
235	23.7	181.4	10,200*	25.4	187.6	10,500*	27.7	195.8	10,900*	29.8	203.0	11,300*	235
240	20.4	168.3	9,800*	22.3	175.6	10,200*	24.9	185.2	10,600*	27.2	193.3	11,000*	240
245	16.5	152.3	9,100*	18.8	161.5	9,800*	21.8	172.9	10,300*	24.4	182.4	10,700*	245
250	11.1	130.1	7,100*	14.3	143.4	8,800*	18.1	158.3	9,700*	21.2	169.8	10,200*	250
255				7.4	114.3	6,400*	13.4	139.2	9,200*	17.4	154.6	9,600*	255
260							5.2	104.5	6,500*	12.4	134.3	9,100*	260



# Liftcrane Fixed Jib Capacities

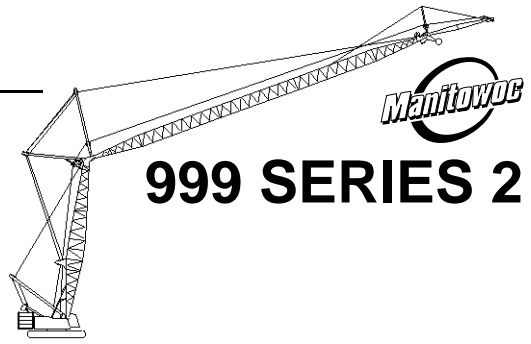
## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.0	329.6	18,100*										85
90	72.8	328.1	17,800*										90
95	71.6	326.4	17,600*	72.3	327.1	20,300*							95
100	70.4	324.5	17,300*	71.1	325.3	20,100*							100
105	69.2	322.6	17,100*	69.9	323.5	19,800*							105
110	68.0	320.5	16,800*	68.7	321.5	19,500*	69.7	322.6	19,600*				110
115	66.7	318.3	16,600*	67.4	319.3	19,200*	68.5	320.6	19,300*				115
120	65.5	316.0	16,300*	66.2	317.1	18,900*	67.2	318.4	19,000*				120
125	64.2	313.5	16,100*	64.9	314.7	18,600*	66.0	316.2	18,700*				125
130	62.9	310.9	15,900*	63.7	312.2	18,400*	64.7	313.8	18,500*	65.8	315.0	18,900*	130
135	61.7	308.2	15,600*	62.4	309.5	18,100*	63.4	311.2	18,200*	64.5	312.6	18,300*	135
140	60.3	305.3	15,400*	61.1	306.7	17,800*	62.2	308.5	17,900*	63.2	310.0	18,000*	140
145	59.0	302.3	15,200*	59.8	303.8	17,600*	60.9	305.7	17,700*	61.9	307.3	17,700*	145
150	57.7	299.0	15,000*	58.4	300.6	17,300*	59.5	302.7	17,400*	60.6	304.5	17,500*	150
155	56.3	295.7	14,900*	57.1	297.3	17,100*	58.2	299.6	17,200*	59.3	301.4	17,400*	155
160	54.9	292.1	14,500*	55.7	293.9	16,700*	56.8	296.3	16,900*	58.0	298.3	17,000*	160
165	53.5	288.4	14,300*	54.3	290.2	16,000*	55.5	292.8	16,700*	56.6	294.9	16,800*	165
170	52.0	284.4	14,100*	52.9	286.4	15,400*	54.0	289.1	16,100*	55.2	291.4	16,600*	170
175	50.6	280.3	13,900*	51.4	282.4	14,900*	52.6	285.2	15,500*	53.8	287.7	16,200*	175
180	49.1	275.9	13,800*	49.9	278.1	14,300*	51.1	281.2	15,000*	52.4	283.8	15,600*	180
185	47.5	271.3	13,400*	48.4	273.6	13,800*	49.7	276.9	14,400*	50.9	279.7	15,000*	185
190	45.9	266.4	13,000*	46.8	268.9	13,300*	48.1	272.3	13,900*	49.4	275.4	14,500*	190
195	44.3	261.2	12,500*	45.2	263.9	12,900*	46.6	267.6	13,500*	47.9	270.8	14,000*	195
200	42.6	255.7	12,100*	43.6	258.6	12,500*	44.9	262.5	13,000*	46.3	266.0	13,500*	200
205	40.9	249.9	11,700*	41.9	253.0	12,100*	43.3	257.2	12,600*	44.7	260.9	13,100*	205
210	39.1	243.7	11,400*	40.1	247.0	11,700*	41.6	251.5	12,200*	43.0	255.4	12,700*	210
215	37.2	237.1	11,000*	38.3	240.6	11,300*	39.8	245.4	11,800*	41.3	249.7	12,300*	215
220	35.2	230.0	10,700*	36.3	233.8	11,000*	37.9	239.0	11,400*	39.5	243.6	11,900*	220
225	33.2	222.4	10,400*	34.3	226.5	10,700*	36.0	232.1	11,100*	37.6	237.1	11,500*	225
230	31.0	214.1	10,100*	32.2	218.6	10,300*	34.0	224.7	10,800*	35.7	230.1	11,200*	230
235	28.6	204.9	9,800*	29.9	209.9	10,000*	31.8	216.6	10,500*	33.6	222.6	10,900*	235
240	26.0	194.8	9,500*	27.5	200.4	9,800*	29.5	207.8	10,200*	31.4	214.4	10,500*	240
245	23.2	183.4	9,000*	24.8	189.7	9,300*	27.1	198.1	9,700*	29.1	205.5	10,200*	245
250	20.0	170.0	8,500*	21.8	177.5	8,800*	24.3	187.2	9,200*	26.6	195.6	9,600*	250
255	16.1	153.6	7,500*	18.4	163.0	8,200*	21.3	174.7	8,600*	23.8	184.5	9,100*	255
260	10.8	130.9	5,600*	14.0	144.5	7,200*	17.7	159.7	8,100*	20.7	171.6	8,500*	260
265				7.2	114.9	5,000*	13.1	140.2	7,600*	17.0	156.0	8,000*	265
270							5.0	104.8	5,100*	12.2	135.2	7,500*	270



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 80 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.6	340.1	17,800*										85
90	73.5	338.6	17,500*										90
95	72.4	336.9	17,300*	73.0	337.6	20,000*							95
100	71.2	335.2	17,100*	71.8	335.9	19,700*							100
105	70.0	333.3	16,800*	70.7	334.2	19,500*							105
110	68.9	331.3	16,600*	69.5	332.2	19,200*							110
115	67.7	329.3	16,400*	68.3	330.2	18,900*	69.3	331.4	19,000*				115
120	66.5	327.0	16,100*	67.1	328.1	18,700*	68.1	329.3	18,700*				120
125	65.3	324.7	15,900*	66.0	325.8	18,400*	66.9	327.2	18,500*				125
130	64.1	322.2	15,700*	64.7	323.4	18,200*	65.7	324.9	18,300*	66.7	326.0	18,200*	130
135	62.8	319.6	15,500*	63.5	320.9	17,900*	64.5	322.4	18,000*	65.5	323.7	18,000*	135
140	61.6	316.9	15,300*	62.3	318.2	17,700*	63.3	319.9	17,800*	64.3	321.3	17,800*	140
145	60.3	314.0	15,100*	61.0	315.4	17,400*	62.1	317.2	17,500*	63.1	318.7	17,600*	145
150	59.1	310.9	14,900*	59.8	312.4	17,400*	60.8	314.4	17,300*	61.9	316.0	17,300*	150
155	57.8	307.7	14,700*	58.5	309.3	17,100*	59.6	311.4	17,100*	60.6	313.1	17,100*	155
160	56.4	304.4	14,500*	57.2	306.0	16,900*	58.3	308.2	16,800*	59.3	310.1	16,900*	160
165	55.1	300.8	14,300*	55.9	302.6	16,500*	57.0	304.9	16,600*	58.0	306.9	16,700*	165
170	53.8	297.1	14,200*	54.5	299.0	16,100*	55.6	301.5	16,400*	56.7	303.6	16,400*	170
175	52.4	293.2	13,900*	53.1	295.2	15,500*	54.3	297.8	16,200*	55.4	300.1	16,200*	175
180	51.0	289.1	13,700*	51.7	291.2	15,000*	52.9	294.0	15,700*	54.0	296.5	16,100*	180
185	49.5	284.8	13,500*	50.3	287.0	14,500*	51.5	290.0	15,100*	52.7	292.6	15,700*	185
190	48.0	280.3	13,400*	48.9	282.6	14,000*	50.1	285.8	14,600*	51.3	288.5	15,200*	190
195	46.5	275.5	13,100*	47.4	278.0	13,500*	48.6	281.3	14,100*	49.8	284.3	14,700*	195
200	45.0	270.5	12,700*	45.9	273.1	13,100*	47.1	276.6	13,700*	48.4	279.8	14,200*	200
205	43.4	265.1	12,300*	44.3	267.9	12,700*	45.6	271.7	13,200*	46.9	275.1	13,800*	205
210	41.8	259.5	12,000*	42.7	262.4	12,300*	44.0	266.5	12,800*	45.3	270.1	13,300*	210
215	40.0	253.5	11,600*	41.0	256.7	11,900*	42.4	261.0	12,400*	43.7	264.8	12,900*	215
220	38.3	247.1	11,300*	39.3	250.5	11,600*	40.7	255.1	12,100*	42.1	259.2	12,500*	220
225	36.4	240.3	10,900*	37.5	244.0	11,300*	39.0	248.9	11,700*	40.4	253.3	12,200*	225
230	34.5	233.1	10,300*	35.6	237.0	10,700*	37.2	242.3	11,200*	38.7	247.1	11,700*	230
235	32.5	225.2	9,700*	33.6	229.4	10,100*	35.3	235.2	10,600*	36.8	240.4	11,100*	235
240	30.3	216.7	9,200*	31.6	221.3	9,500*	33.3	227.6	10,000*	34.9	233.2	10,400*	240
245	28.0	207.4	8,600*	29.3	212.4	8,900*	31.2	219.4	9,400*	32.9	225.5	9,800*	245
250	25.5	197.0	8,100*	26.9	202.7	8,400*	28.9	210.4	8,800*	30.8	217.1	9,300*	250
255	22.7	185.3	7,600*	24.3	191.8	7,900*	26.5	200.4	8,300*	28.5	208.0	8,700*	255
260	19.6	171.7	7,100*	21.4	179.3	7,400*	23.9	189.3	7,800*	26.1	197.8	8,200*	260
265	15.8	155.0	6,200*	18.0	164.5	6,900*	20.9	176.5	7,300*	23.4	186.4	7,700*	265
270	10.6	131.8	4,400*	13.7	145.7	5,900*	17.3	161.2	6,800*	20.3	173.3	7,200*	270
275							12.9	141.3	6,300*	16.7	157.4	6,700*	275
280										11.9	136.2	6,200*	280





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.1	349.0	17,200*										90
95	73.0	347.5	17,000*										95
100	71.9	345.8	16,800*	72.5	346.5	19,400*							100
105	70.8	344.0	16,600*	71.4	344.8	19,200*							105
110	69.7	342.1	16,400*	70.3	343.0	18,900*							110
115	68.5	340.1	16,100*	69.2	341.0	18,700*							115
120	67.4	338.0	15,900*	68.0	339.0	18,400*	69.0	340.2	18,400*				120
125	66.3	335.7	15,700*	66.9	336.8	18,100*	67.8	338.1	18,200*				125
130	65.1	333.4	15,500*	65.7	334.5	17,900*	66.7	335.9	18,000*				130
135	63.9	330.9	15,300*	64.6	332.1	17,700*	65.5	333.6	17,700*	66.5	334.8	17,700*	135
140	62.7	328.3	15,100*	63.4	329.5	17,500*	64.4	331.1	17,500*	65.3	332.4	17,500*	140
145	61.5	325.5	14,900*	62.2	326.8	17,200*	63.2	328.6	17,500*	64.2	330.0	17,300*	145
150	60.3	322.6	14,700*	61.0	324.0	17,000*	62.0	325.9	17,300*	63.0	327.4	17,100*	150
155	59.1	319.6	14,500*	59.8	321.1	17,000*	60.8	323.0	17,100*	61.8	324.6	16,900*	155
160	57.8	316.4	14,300*	58.5	318.0	16,600*	59.6	320.0	16,700*	60.6	321.8	16,900*	160
165	56.6	313.1	14,200*	57.3	314.7	16,200*	58.3	316.9	16,400*	59.4	318.8	16,500*	165
170	55.3	309.6	14,000*	56.0	311.3	15,600*	57.1	313.6	16,300*	58.1	315.6	16,300*	170
175	54.0	305.9	14,000*	54.7	307.7	15,000*	55.8	310.2	15,700*	56.8	312.3	16,300*	175
180	52.7	302.0	13,600*	53.4	304.0	14,500*	54.5	306.6	15,100*	55.6	308.8	15,800*	180
185	51.3	298.0	13,600*	52.1	300.0	14,000*	53.2	302.8	14,600*	54.3	305.2	15,200*	185
190	49.9	293.7	13,200*	50.7	295.9	13,600*	51.8	298.8	14,100*	52.9	301.4	14,700*	190
195	48.5	289.3	12,700*	49.3	291.6	13,100*	50.5	294.7	13,700*	51.6	297.4	14,200*	195
200	47.1	284.6	12,300*	47.9	287.0	12,700*	49.1	290.3	13,200*	50.2	293.2	13,800*	200
205	45.6	279.6	12,000*	46.4	282.2	12,300*	47.7	285.7	12,800*	48.8	288.8	13,300*	205
210	44.1	274.4	11,600*	44.9	277.1	11,900*	46.2	280.8	12,400*	47.4	284.1	12,900*	210
215	42.5	269.0	11,200*	43.4	271.8	11,600*	44.7	275.8	12,000*	45.9	279.2	12,500*	215
220	40.9	263.2	10,900*	41.8	266.2	11,200*	43.1	270.4	11,700*	44.4	274.1	12,100*	220
225	39.3	257.0	10,400*	40.2	260.3	10,800*	41.6	264.7	11,300*	42.9	268.7	11,800*	225
230	37.5	250.5	9,800*	38.5	253.9	10,100*	39.9	258.7	10,700*	41.3	262.9	11,200*	230
235	35.7	243.5	9,200*	36.7	247.2	9,500*	38.2	252.3	10,000*	39.6	256.9	10,500*	235
240	33.8	236.0	8,600*	34.9	240.0	8,900*	36.4	245.5	9,400*	37.9	250.4	9,900*	240
245	31.9	228.0	8,100*	33.0	232.3	8,400*	34.6	238.3	8,800*	36.1	243.6	9,300*	245
250	29.7	219.3	7,600*	30.9	224.0	7,800*	32.6	230.5	8,300*	34.3	236.2	8,700*	250
255	27.5	209.7	7,100*	28.8	214.9	7,300*	30.6	222.0	7,700*	32.3	228.3	8,200*	255
260	25.0	199.1	6,600*	26.4	205.0	6,800*	28.4	212.8	7,200*	30.2	219.7	7,600*	260
265	22.3	187.2	6,100*	23.8	193.8	6,400*	26.0	202.7	6,700*	28.0	210.4	7,100*	265
270	19.2	173.3	5,700*	21.0	181.1	5,900*	23.4	191.3	6,300*	25.6	200.0	6,600*	270
275	15.5	156.2	4,700*	17.6	166.0	5,500*	20.4	178.2	5,800*	22.9	188.4	6,200*	275
280				13.5	146.8	4,500*	17.0	162.6	5,400*	19.9	175.0	5,700*	280
285													285
290							12.6	142.3	4,900*	16.3	158.8	5,300*	285
										11.7	137.1	4,800*	290



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.7	359.5	16,700*										90
95	73.6	358.0	16,600*										95
100	72.6	356.3	16,400*										100
105	71.5	354.6	16,200*	72.1	355.4	18,700*							105
110	70.4	352.8	16,000*	71.0	353.6	18,500*							110
115	69.3	350.9	15,800*	69.9	351.8	18,300*							115
120	68.2	348.9	15,600*	68.9	349.8	18,000*	69.8	350.9	18,100*				120
125	67.1	346.7	15,500*	67.8	347.7	17,800*	68.7	348.9	17,900*				125
130	66.0	344.4	15,200*	66.7	345.5	17,700*	67.6	346.8	17,600*				130
135	64.9	342.1	15,100*	65.5	343.2	17,400*	66.5	344.6	17,400*				135
140	63.8	339.6	14,900*	64.4	340.7	17,200*	65.3	342.3	17,400*	66.3	343.5	17,200*	140
145	62.6	336.9	14,700*	63.3	338.2	17,000*	64.2	339.8	17,200*	65.2	341.1	17,000*	145
150	61.5	334.2	14,500*	62.1	335.5	16,800*	63.1	337.2	16,900*	64.0	338.6	16,800*	150
155	60.3	331.3	14,400*	61.0	332.7	16,600*	61.9	334.5	16,700*	62.9	336.0	16,800*	155
160	59.1	328.3	14,200*	59.8	329.7	16,000*	60.8	331.7	16,700*	61.7	333.3	16,500*	160
165	57.9	325.1	14,000*	58.6	326.6	15,400*	59.6	328.7	16,100*	60.6	330.4	16,300*	165
170	56.7	321.8	13,900*	57.4	323.4	14,800*	58.4	325.6	15,500*	59.4	327.4	16,100*	170
175	55.5	318.3	13,700*	56.2	320.0	14,300*	57.2	322.3	14,900*	58.2	324.3	15,500*	175
180	54.2	314.6	13,400*	54.9	316.5	13,800*	55.9	318.9	14,400*	57.0	321.0	15,000*	180
185	52.9	310.8	12,900*	53.7	312.7	13,300*	54.7	315.3	13,900*	55.7	317.5	14,400*	185
190	51.6	306.8	12,500*	52.4	308.8	12,900*	53.4	311.6	13,400*	54.5	313.9	13,900*	190
195	50.3	302.6	12,100*	51.1	304.8	12,400*	52.1	307.6	13,000*	53.2	310.2	13,500*	195
200	49.0	298.2	11,700*	49.7	300.5	12,000*	50.8	303.5	12,500*	51.9	306.2	13,000*	200
205	47.6	293.6	11,300*	48.4	296.0	11,700*	49.5	299.2	12,100*	50.6	302.1	12,600*	205
210	46.2	288.8	11,000*	47.0	291.3	11,300*	48.1	294.7	11,800*	49.3	297.7	12,200*	210
215	44.7	283.7	10,700*	45.5	286.3	11,000*	46.7	290.0	11,400*	47.9	293.1	11,800*	215
220	43.3	278.4	10,300*	44.1	281.1	10,600*	45.3	285.0	11,100*	46.5	288.4	11,500*	220
225	41.7	272.7	9,900*	42.6	275.7	10,300*	43.8	279.7	10,700*	45.0	283.3	11,100*	225
230	40.1	266.8	9,300*	41.0	269.9	9,600*	42.3	274.2	10,200*	43.6	278.0	10,700*	230
235	38.5	260.4	8,700*	39.4	263.8	9,000*	40.8	268.4	9,500*	42.1	272.5	10,000*	235
240	36.8	253.7	8,100*	37.8	257.3	8,400*	39.2	262.2	8,900*	40.5	266.6	9,400*	240
245	35.1	246.6	7,600*	36.1	250.4	7,900*	37.5	255.7	8,300*	38.9	260.3	8,800*	245
250	33.2	239.0	7,100*	34.2	243.1	7,300*	35.8	248.7	7,800*	37.2	253.7	8,200*	250
255	31.3	230.7	6,600*	32.4	235.2	6,800*	33.9	241.3	7,200*	35.4	246.7	7,700*	255
260	29.2	221.8	6,100*	30.4	226.7	6,300*	32.0	233.3	6,700*	33.6	239.2	7,100*	260
265	27.0	212.1	5,600*	28.2	217.4	5,900*	30.0	224.6	6,200*	31.7	231.1	6,600*	265
270	24.5	201.3	5,200*	25.9	207.2	5,400*	27.8	215.2	5,800*	29.6	222.3	6,100*	270
275	21.9	189.0	4,700*	23.4	195.8	5,000*	25.5	204.9	5,300*	27.4	212.7	5,700*	275
280	18.8	174.9	4,300*	20.6	182.8	4,500*	22.9	193.2	4,900*	25.1	202.2	5,200*	280
285				17.3	167.4	4,100*	20.1	179.9	4,500*	22.5	190.3	4,800*	285
290							16.7	164.0	4,000*	19.5	176.6	4,400*	290
295										16.0	160.1	4,000*	295



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	331.2	14,600*										80
85	73.7	329.7	14,300*										85
90	72.6	328.1	14,100*										90
95	71.4	326.4	13,900*	72.0	327.2	16,100*							95
100	70.2	324.6	13,600*	70.8	325.4	15,800*							100
105	68.9	322.7	13,400*	69.6	323.5	15,500*							105
110	67.7	320.6	13,200*	68.4	321.5	15,300*	69.4	322.7	15,400*				110
115	66.5	318.4	13,000*	67.2	319.4	15,000*	68.2	320.7	15,100*				115
120	65.2	316.1	12,700*	65.9	317.2	14,800*	67.0	318.5	14,900*				120
125	64.0	313.6	12,500*	64.7	314.8	14,500*	65.7	316.3	14,600*	66.7	317.4	14,700*	125
130	62.7	311.0	12,300*	63.4	312.3	14,300*	64.5	313.9	14,400*	65.5	315.1	14,500*	130
135	61.4	308.3	12,100*	62.1	309.6	14,000*	63.2	311.3	14,200*	64.2	312.7	14,200*	135
140	60.1	305.4	11,900*	60.8	306.8	13,800*	61.9	308.6	13,900*	63.0	310.1	14,000*	140
145	58.8	302.3	11,700*	59.5	303.8	13,600*	60.6	305.8	13,700*	61.7	307.4	13,800*	145
150	57.4	299.1	11,600*	58.2	300.7	13,500*	59.3	302.8	13,500*	60.4	304.5	13,600*	150
155	56.0	295.8	11,400*	56.8	297.4	13,100*	57.9	299.7	13,400*	59.0	301.5	13,400*	155
160	54.7	292.2	11,200*	55.4	294.0	13,000*	56.6	296.4	13,100*	57.7	298.4	13,200*	160
165	53.2	288.5	11,000*	54.0	290.3	12,800*	55.2	292.9	12,900*	56.3	295.0	13,000*	165
170	51.8	284.5	10,900*	52.6	286.5	12,600*	53.8	289.2	12,700*	54.9	291.5	12,800*	170
175	50.3	280.4	10,800*	51.1	282.5	12,400*	52.4	285.3	12,500*	53.5	287.8	12,700*	175
180	48.8	276.0	10,600*	49.7	278.2	12,300*	50.9	281.3	12,300*	52.1	283.9	12,400*	180
185	47.3	271.4	10,400*	48.1	273.7	12,200*	49.4	277.0	12,200*	50.6	279.8	12,200*	185
190	45.7	266.5	10,300*	46.6	269.0	12,000*	47.9	272.4	12,000*	49.1	275.5	12,100*	190
195	44.1	261.3	10,100*	45.0	264.0	11,700*	46.3	267.7	11,800*	47.6	270.9	11,900*	195
200	42.4	255.9	10,000*	43.3	258.7	11,600*	44.7	262.6	11,700*	46.0	266.1	11,700*	200
205	40.6	250.0	9,900*	41.6	253.1	11,400*	43.0	257.3	11,600*	44.4	261.0	11,600*	205
210	38.8	243.9	9,700*	39.8	247.1	11,300*	41.3	251.6	11,400*	42.7	255.6	11,400*	210
215	37.0	237.3	9,600*	38.0	240.8	10,900*	39.5	245.6	11,200*	41.0	249.8	11,300*	215
220	35.0	230.2	9,500*	36.1	234.0	10,600*	37.7	239.1	11,000*	39.2	243.7	11,100*	220
225	32.9	222.5	9,400*	34.1	226.6	10,200*	35.8	232.2	10,700*	37.4	237.2	11,000*	225
230	30.7	214.2	9,300*	32.0	218.7	9,900*	33.7	224.8	10,300*	35.4	230.2	10,800*	230
235	28.4	205.1	9,200*	29.7	210.1	9,600*	31.6	216.8	10,000*	33.4	222.7	10,400*	235
240	25.8	195.0	9,000*	27.3	200.5	9,300*	29.3	208.0	9,700*	31.2	214.6	10,100*	240
245	23.0	183.6	8,700*	24.6	189.9	9,000*	26.8	198.3	9,400*	28.9	205.6	9,800*	245
250	19.8	170.3	8,500*	21.6	177.7	8,700*	24.1	187.4	9,100*	26.4	195.8	9,500*	250
255	15.9	153.9	8,000*	18.2	163.3	8,500*	21.1	175.0	8,800*	23.6	184.7	9,200*	255
260	10.7	131.4	6,100*	13.8	144.9	7,700*	17.5	160.0	8,600*	20.5	171.8	8,900*	260
265				7.1	115.6	5,500*	13.0	140.6	8,200*	16.8	156.3	8,600*	265
270							5.0	105.9	5,600*	12.0	135.6	8,100*	270



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 80 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	340.2	14,200*										85
90	73.2	338.6	13,900*										90
95	72.1	337.0	13,700*	72.7	337.7	15,900*							95
100	70.9	335.3	13,500*	71.6	336.0	15,600*							100
105	69.8	333.4	13,300*	70.4	334.2	15,400*							105
110	68.6	331.4	13,100*	69.3	332.3	15,100*							110
115	67.4	329.3	12,900*	68.1	330.3	14,900*	69.1	331.5	15,000*				115
120	66.2	327.1	12,700*	66.9	328.1	14,700*	67.9	329.4	14,800*				120
125	65.0	324.8	12,500*	65.7	325.9	14,500*	66.7	327.3	14,600*				125
130	63.8	322.3	12,300*	64.5	323.5	14,200*	65.5	325.0	14,300*	66.5	326.1	14,400*	130
135	62.6	319.7	12,100*	63.3	320.9	14,000*	64.3	322.5	14,100*	65.3	323.8	14,200*	135
140	61.3	316.9	11,900*	62.0	318.3	13,800*	63.1	320.0	14,000*	64.1	321.4	14,000*	140
145	60.1	314.1	11,700*	60.8	315.5	13,500*	61.8	317.3	13,700*	62.8	318.8	13,700*	145
150	58.8	311.0	11,500*	59.5	312.5	13,300*	60.6	314.5	13,500*	61.6	316.1	13,500*	150
155	57.5	307.8	11,300*	58.2	309.4	13,200*	59.3	311.5	13,200*	60.4	313.2	13,400*	155
160	56.2	304.5	11,200*	56.9	306.1	12,900*	58.0	308.3	13,100*	59.1	310.2	13,100*	160
165	54.9	300.9	11,100*	55.6	302.7	12,800*	56.7	305.0	12,800*	57.8	307.0	12,900*	165
170	53.5	297.2	10,800*	54.3	299.1	12,600*	55.4	301.6	12,700*	56.5	303.7	12,800*	170
175	52.1	293.3	10,700*	52.9	295.3	12,300*	54.0	297.9	12,600*	55.1	300.2	12,500*	175
180	50.7	289.2	10,600*	51.5	291.3	12,200*	52.7	294.1	12,300*	53.8	296.5	12,400*	180
185	49.3	284.9	10,400*	50.1	287.1	12,000*	51.3	290.1	12,100*	52.4	292.7	12,300*	185
190	47.8	280.4	10,200*	48.6	282.7	11,900*	49.8	285.9	11,900*	51.0	288.6	12,000*	190
195	46.3	275.6	10,100*	47.1	278.1	11,700*	48.4	281.4	11,800*	49.6	284.4	11,900*	195
200	44.7	270.6	10,100*	45.6	273.2	11,500*	46.9	276.7	11,600*	48.1	279.9	11,700*	200
205	43.2	265.2	9,900*	44.0	268.0	11,200*	45.4	271.8	11,500*	46.6	275.2	11,700*	205
210	41.5	259.6	9,700*	42.4	262.6	10,900*	43.8	266.6	11,300*	45.1	270.2	11,500*	210
215	39.8	253.6	9,600*	40.8	256.8	10,500*	42.2	261.1	11,000*	43.5	264.9	11,300*	215
220	38.0	247.3	9,500*	39.0	250.6	10,100*	40.5	255.2	10,600*	41.9	259.4	11,000*	220
225	36.2	240.5	9,400*	37.2	244.1	9,800*	38.7	249.0	10,200*	40.2	253.5	10,700*	225
230	34.3	233.2	9,200*	35.4	237.1	9,500*	36.9	242.4	9,900*	38.4	247.2	10,300*	230
235	32.3	225.4	8,900*	33.4	229.6	9,200*	35.0	235.4	9,600*	36.6	240.5	10,000*	235
240	30.1	216.9	8,600*	31.3	221.5	8,900*	33.1	227.7	9,300*	34.7	233.3	9,700*	240
245	27.8	207.5	8,400*	29.1	212.6	8,600*	31.0	219.5	9,000*	32.7	225.6	9,400*	245
250	25.3	197.2	8,100*	26.7	202.9	8,400*	28.7	210.5	8,700*	30.6	217.3	9,100*	250
255	22.5	185.5	7,900*	24.1	192.0	8,100*	26.3	200.6	8,500*	28.3	208.1	8,800*	255
260	19.4	171.9	7,600*	21.2	179.5	7,800*	23.6	189.5	8,200*	25.8	198.0	8,500*	260
265	15.6	155.3	6,500*	17.8	164.8	7,300*	20.6	176.7	7,700*	23.1	186.7	8,100*	265
270	10.4	132.2	4,800*	13.5	146.0	6,300*	17.1	161.5	7,200*	20.1	173.5	7,600*	270
275				6.9	116.1	4,200*	12.7	141.7	6,700*	16.5	157.7	7,100*	275
280							4.9	106.3	4,300*	11.7	136.6	6,700*	280



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.0	350.6	14,000*										85
90	73.9	349.1	13,800*										90
95	72.8	347.5	13,600*										95
100	71.7	345.9	13,400*	72.3	346.6	15,500*							100
105	70.6	344.1	13,200*	71.2	344.9	15,300*							105
110	69.4	342.2	13,000*	70.1	343.0	15,000*							110
115	68.3	340.2	12,800*	68.9	341.1	14,800*	69.9	342.2	14,900*				115
120	67.2	338.1	12,600*	67.8	339.0	14,600*	68.7	340.2	14,600*				120
125	66.0	335.8	12,400*	66.7	336.9	14,400*	67.6	338.2	14,400*				125
130	64.8	333.5	12,200*	65.5	334.6	14,100*	66.5	336.0	14,300*				130
135	63.7	331.0	12,000*	64.3	332.2	13,900*	65.3	333.7	14,000*	66.3	334.8	14,100*	135
140	62.5	328.4	11,800*	63.2	329.6	13,700*	64.1	331.2	13,800*	65.1	332.5	13,800*	140
145	61.3	325.6	11,600*	62.0	326.9	13,500*	63.0	328.6	13,700*	63.9	330.0	13,600*	145
150	60.1	322.7	11,500*	60.8	324.1	13,300*	61.8	326.0	13,400*	62.7	327.5	13,500*	150
155	58.8	319.7	11,300*	59.5	321.2	13,100*	60.6	323.1	13,200*	61.5	324.7	13,400*	155
160	57.6	316.5	11,100*	58.3	318.1	12,900*	59.3	320.1	13,000*	60.3	321.9	13,100*	160
165	56.3	313.2	11,100*	57.0	314.8	12,700*	58.1	317.0	12,800*	59.1	318.9	12,900*	165
170	55.1	309.7	10,800*	55.8	311.4	12,500*	56.8	313.7	12,700*	57.9	315.7	12,700*	170
175	53.8	306.0	10,700*	54.5	307.8	12,500*	55.6	310.3	12,500*	56.6	312.4	12,500*	175
180	52.4	302.1	10,500*	53.2	304.1	12,200*	54.3	306.7	12,300*	55.3	308.9	12,500*	180
185	51.1	298.1	10,500*	51.8	300.1	12,000*	52.9	302.9	12,200*	54.0	305.3	12,200*	185
190	49.7	293.8	10,300*	50.5	296.0	12,000*	51.6	298.9	11,900*	52.7	301.5	12,100*	190
195	48.3	289.4	10,200*	49.1	291.7	11,700*	50.2	294.8	11,800*	51.4	297.5	11,800*	195
200	46.9	284.7	10,000*	47.7	287.1	11,600*	48.8	290.4	11,600*	50.0	293.3	11,700*	200
205	45.4	279.8	9,800*	46.2	282.3	11,400*	47.4	285.8	11,500*	48.6	288.9	11,600*	205
210	43.9	274.6	9,700*	44.7	277.3	11,200*	46.0	281.0	11,400*	47.2	284.2	11,400*	210
215	42.3	269.1	9,600*	43.2	271.9	11,100*	44.5	275.9	11,200*	45.7	279.4	11,300*	215
220	40.7	263.3	9,500*	41.6	266.3	10,700*	42.9	270.5	11,100*	44.2	274.2	11,100*	220
225	39.0	257.1	9,400*	40.0	260.4	10,400*	41.3	264.8	10,800*	42.6	268.8	11,000*	225
230	37.3	250.6	9,300*	38.3	254.1	10,000*	39.7	258.8	10,500*	41.0	263.1	10,900*	230
235	35.5	243.6	9,200*	36.5	247.4	9,700*	38.0	252.5	10,200*	39.4	257.0	10,600*	235
240	33.6	236.2	9,100*	34.7	240.2	9,500*	36.2	245.7	9,800*	37.7	250.6	10,200*	240
245	31.6	228.2	8,700*	32.8	232.5	8,900*	34.4	238.4	9,400*	35.9	243.7	9,900*	245
250	29.5	219.4	8,100*	30.7	224.2	8,400*	32.4	230.6	8,800*	34.0	236.3	9,300*	250
255	27.3	209.9	7,600*	28.5	215.1	7,900*	30.4	222.2	8,300*	32.1	228.4	8,700*	255
260	24.8	199.3	7,200*	26.2	205.1	7,400*	28.2	213.0	7,800*	30.0	219.9	8,200*	260
265	22.1	187.4	6,700*	23.6	194.0	6,900*	25.8	202.8	7,300*	27.8	210.5	7,700*	265
270	19.0	173.5	6,300*	20.8	181.3	6,500*	23.2	191.5	6,800*	25.3	200.2	7,200*	270
275	15.3	156.5	5,200*	17.4	166.3	6,100*	20.2	178.5	6,400*	22.7	188.6	6,700*	275
280				13.3	147.1	5,000*	16.8	162.9	6,000*	19.7	175.2	6,300*	280
285							12.4	142.7	5,500*	16.1	159.1	5,900*	285
290										11.5	137.6	5,400*	290



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.5	359.5	13,600*										90
95	73.4	358.0	13,400*										95
100	72.3	356.4	13,200*	72.9	357.1	15,300*							100
105	71.3	354.7	13,000*	71.9	355.5	15,100*							105
110	70.2	352.9	12,800*	70.8	353.7	14,800*							110
115	69.1	351.0	12,600*	69.7	351.8	14,600*							115
120	68.0	348.9	12,500*	68.6	349.9	14,400*	69.5	351.0	14,500*				120
125	66.9	346.8	12,300*	67.5	347.8	14,200*	68.4	349.0	14,300*				125
130	65.8	344.5	12,100*	66.4	345.6	14,000*	67.3	346.9	14,100*				130
135	64.7	342.2	11,900*	65.3	343.3	13,900*	66.2	344.7	13,900*				135
140	63.5	339.7	11,700*	64.2	340.8	13,600*	65.1	342.4	13,700*	66.0	343.5	13,800*	140
145	62.4	337.0	11,600*	63.0	338.3	13,400*	64.0	339.9	13,500*	64.9	341.2	13,500*	145
150	61.2	334.3	11,400*	61.9	335.6	13,200*	62.8	337.3	13,300*	63.8	338.7	13,300*	150
155	60.1	331.4	11,200*	60.7	332.8	13,000*	61.7	334.6	13,100*	62.6	336.1	13,100*	155
160	58.9	328.3	11,200*	59.6	329.8	12,900*	60.5	331.8	12,900*	61.5	333.4	13,000*	160
165	57.7	325.2	11,000*	58.4	326.7	12,700*	59.4	328.8	12,700*	60.3	330.5	12,800*	165
170	56.5	321.8	10,900*	57.2	323.5	12,500*	58.2	325.7	12,700*	59.1	327.5	12,600*	170
175	55.2	318.4	10,600*	55.9	320.1	12,400*	56.9	322.4	12,400*	57.9	324.4	12,500*	175
180	54.0	314.7	10,600*	54.7	316.6	12,100*	55.7	319.0	12,300*	56.7	321.1	12,400*	180
185	52.7	310.9	10,400*	53.4	312.8	12,000*	54.5	315.4	12,200*	55.5	317.6	12,100*	185
190	51.4	306.9	10,300*	52.1	308.9	11,800*	53.2	311.7	12,000*	54.3	314.0	12,100*	190
195	50.1	302.7	10,100*	50.8	304.9	11,800*	51.9	307.7	11,800*	53.0	310.3	11,900*	195
200	48.7	298.3	9,900*	49.5	300.6	11,500*	50.6	303.6	11,600*	51.7	306.3	11,700*	200
205	47.4	293.7	9,800*	48.1	296.1	11,500*	49.3	299.3	11,400*	50.4	302.2	11,500*	205
210	46.0	288.9	9,700*	46.7	291.4	11,100*	47.9	294.8	11,300*	49.0	297.8	11,400*	210
215	44.5	283.8	9,600*	45.3	286.5	10,700*	46.5	290.1	11,200*	47.7	293.3	11,300*	215
220	43.0	278.5	9,400*	43.9	281.3	10,400*	45.1	285.1	10,800*	46.3	288.5	11,200*	220
225	41.5	272.8	9,300*	42.4	275.8	10,000*	43.6	279.8	10,500*	44.8	283.4	10,900*	225
230	39.9	266.9	9,200*	40.8	270.0	9,700*	42.1	274.3	10,100*	43.4	278.2	10,500*	230
235	38.3	260.6	9,200*	39.2	263.9	9,400*	40.5	268.5	9,800*	41.8	272.6	10,200*	235
240	36.6	253.9	8,600*	37.6	257.4	8,900*	38.9	262.3	9,400*	40.3	266.7	9,900*	240
245	34.8	246.7	8,100*	35.8	250.6	8,400*	37.3	255.8	8,800*	38.7	260.5	9,300*	245
250	33.0	239.1	7,600*	34.0	243.2	7,900*	35.5	248.8	8,300*	37.0	253.9	8,700*	250
255	31.0	230.9	7,100*	32.1	235.3	7,300*	33.7	241.4	7,800*	35.2	246.8	8,200*	255
260	29.0	222.0	6,600*	30.1	226.8	6,900*	31.8	233.4	7,300*	33.4	239.3	7,700*	260
265	26.8	212.2	6,100*	28.0	217.6	6,400*	29.8	224.8	6,800*	31.5	231.2	7,200*	265
270	24.3	201.5	5,700*	25.7	207.4	5,900*	27.6	215.4	6,300*	29.4	222.5	6,700*	270
275	21.7	189.3	5,300*	23.2	196.0	5,500*	25.3	205.0	5,800*	27.2	212.9	6,200*	275
280	18.6	175.1	4,900*	20.4	183.1	5,100*	22.7	193.5	5,400*	24.9	202.4	5,800*	280
285				17.1	167.7	4,700*	19.9	180.2	5,000*	22.3	190.5	5,300*	285
290							16.5	164.3	4,600*	19.3	176.9	4,900*	290
295							12.2	143.7	4,100*	15.8	160.4	4,500*	295
300										11.3	138.5	4,100*	300



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.0	368.5	13,200*										95
100	73.0	366.9	13,000*										100
105	71.9	365.3	12,900*	72.5	366.0	14,900*							105
110	70.9	363.6	12,600*	71.5	364.3	14,600*							110
115	69.9	361.7	12,500*	70.4	362.5	14,400*							115
120	68.8	359.7	12,300*	69.4	360.6	14,200*							120
125	67.7	357.7	12,100*	68.3	358.6	14,000*	69.2	359.8	14,100*				125
130	66.7	355.5	12,000*	67.3	356.5	13,800*	68.2	357.8	14,000*				130
135	65.6	353.2	11,800*	66.2	354.3	13,700*	67.1	355.6	13,700*				135
140	64.5	350.8	11,700*	65.1	352.0	13,500*	66.0	353.4	13,500*	66.9	354.5	13,600*	140
145	63.4	348.3	11,500*	64.0	349.5	13,300*	64.9	351.0	13,400*	65.8	352.3	13,500*	145
150	62.3	345.7	11,300*	62.9	346.9	13,100*	63.9	348.6	13,200*	64.8	349.9	13,300*	150
155	61.2	342.9	11,200*	61.8	344.3	12,900*	62.8	346.0	13,100*	63.7	347.4	13,000*	155
160	60.1	340.0	11,100*	60.7	341.4	12,700*	61.6	343.3	12,800*	62.6	344.8	13,000*	160
165	58.9	337.0	10,900*	59.6	338.5	12,600*	60.5	340.4	12,700*	61.4	342.0	12,700*	165
170	57.8	333.8	10,700*	58.4	335.4	12,400*	59.4	337.5	12,500*	60.3	339.2	12,500*	170
175	56.6	330.5	10,700*	57.3	332.2	12,200*	58.2	334.4	12,400*	59.2	336.2	12,400*	175
180	55.4	327.1	10,400*	56.1	328.8	12,100*	57.1	331.1	12,300*	58.0	333.1	12,300*	180
185	54.2	323.5	10,300*	54.9	325.3	12,000*	55.9	327.7	12,100*	56.8	329.8	12,200*	185
190	53.0	319.7	10,200*	53.7	321.6	11,800*	54.7	324.1	12,000*	55.7	326.4	12,000*	190
195	51.7	315.7	10,000*	52.4	317.7	11,700*	53.5	320.4	11,700*	54.5	322.8	11,700*	195
200	50.5	311.6	9,900*	51.2	313.7	11,200*	52.2	316.5	11,600*	53.2	319.0	11,600*	200
205	49.2	307.3	9,800*	49.9	309.5	10,900*	51.0	312.5	11,300*	52.0	315.1	11,500*	205
210	47.8	302.7	9,700*	48.6	305.1	10,500*	49.7	308.2	10,900*	50.7	311.0	11,300*	210
215	46.5	298.0	9,600*	47.2	300.4	10,100*	48.4	303.8	10,600*	49.4	306.7	11,000*	215
220	45.1	293.0	9,400*	45.9	295.6	9,800*	47.0	299.1	10,200*	48.1	302.3	10,600*	220
225	43.7	287.8	9,200*	44.5	290.5	9,500*	45.7	294.2	9,900*	46.8	297.6	10,300*	225
230	42.2	282.3	8,900*	43.1	285.2	9,200*	44.3	289.1	9,600*	45.4	292.6	10,000*	230
235	40.7	276.5	8,600*	41.6	279.6	8,900*	42.8	283.7	9,300*	44.0	287.5	9,600*	235
240	39.2	270.4	8,100*	40.1	273.6	8,400*	41.3	278.1	8,900*	42.6	282.0	9,300*	240
245	37.6	263.9	7,600*	38.5	267.4	7,900*	39.8	272.1	8,300*	41.1	276.3	8,800*	245
250	35.9	257.1	7,100*	36.9	260.7	7,400*	38.2	265.8	7,800*	39.5	270.3	8,200*	250
255	34.2	249.8	6,600*	35.2	253.7	6,800*	36.6	259.1	7,300*	37.9	263.9	7,700*	255
260	32.4	242.0	6,100*	33.4	246.2	6,400*	34.9	251.9	6,700*	36.3	257.1	7,200*	260
265	30.5	233.6	5,600*	31.6	238.1	5,900*	33.1	244.3	6,300*	34.6	249.9	6,700*	265
270	28.5	224.5	5,200*	29.6	229.4	5,400*	31.2	236.2	5,800*	32.8	242.2	6,200*	270
275	26.3	214.5	4,800*	27.5	220.0	5,000*	29.3	227.4	5,300*	30.9	233.9	5,700*	275
280	23.9	203.5	4,400*	25.3	209.6	4,600*	27.1	217.8	4,900*	28.9	225.0	5,300*	280
285	21.3	191.1	4,000*	22.8	198.0	4,200*	24.9	207.2	4,500*	26.8	215.3	4,800*	285
290							22.3	195.4	4,100*	24.4	204.5	4,400*	290
295										21.9	192.4	4,000*	295



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating**

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	73.8	322.1	40,600*										70
75	72.3	320.5	40,300*										75
80	70.8	318.8	40,100*	72.1	320.0	46,900*							80
85	69.3	316.9	39,700*	70.6	318.2	46,700*							85
90	67.8	314.9	39,200*	69.1	316.3	46,300*							90
95	66.3	312.7	38,200*	67.6	314.3	44,400*	69.5	316.1	46,300*				95
100	64.7	310.4	36,300*	66.0	312.1	42,500*	67.9	314.1	46,000				100
105	63.1	307.9	34,400*	64.5	309.7	40,600*	66.4	311.9	43,000				105
110	61.5	305.2	32,600*	62.9	307.1	38,700*	64.8	309.6	40,300	66.8	311.4	38,300	110
115	59.9	302.3	30,900*	61.3	304.4	36,800*	63.3	307.1	37,900	65.2	309.1	35,900	115
120	58.2	299.2	29,200*	59.6	301.5	35,000*	61.7	304.4	35,600	63.6	306.6	33,800	120
125	56.6	296.0	27,600*	58.0	298.4	33,100*	60.0	301.5	33,600	62.0	304.0	31,800	125
130	54.8	292.5	26,100*	56.3	295.1	31,400*	58.4	298.5	31,700	60.4	301.2	30,000	130
135	53.1	288.7	24,600*	54.5	291.6	29,700*	56.7	295.2	30,000	58.8	298.2	28,400	135
140	51.3	284.8	23,200*	52.8	287.8	28,000*	55.0	291.7	28,400	57.1	295.0	26,900	140
145	49.4	280.5	22,000*	51.0	283.8	26,500*	53.2	288.0	27,000	55.4	291.6	25,500	145
150	47.5	276.0	20,800*	49.1	279.5	25,000*	51.4	284.1	25,600	53.6	287.9	24,200	150
155	45.5	271.2	19,600*	47.2	274.9	23,600*	49.6	279.9	24,300	51.8	284.0	22,900	155
160	43.5	266.0	18,600*	45.2	270.0	22,300*	47.7	275.4	23,100	50.0	279.9	21,800	160
165	41.4	260.4	17,600*	43.2	264.8	21,000*	45.7	270.6	22,000	48.1	275.4	20,700	165
170	39.2	254.3	16,700*	41.0	259.1	19,900*	43.7	265.4	21,000	46.2	270.7	19,700	170
175	36.8	247.8	15,800*	38.8	253.0	18,800*	41.6	259.8	20,000	44.2	265.6	18,800	175
180	34.4	240.7	15,100*	36.4	246.4	17,800*	39.4	253.9	19,100	42.1	260.2	17,900	180
185	31.7	232.8	14,300*	34.0	239.1	16,900*	37.0	247.4	18,200	39.9	254.3	17,000	185
190	28.9	224.0	13,700*	31.3	231.1	16,100*	34.6	240.3	17,400	37.6	247.9	16,200	190
195	25.7	214.1	13,100*	28.4	222.2	15,300*	32.0	232.5	16,600	35.2	241.0	15,500	195
200	22.2	202.5	12,600*	25.2	212.0	14,600*	29.1	223.8	15,800	32.6	233.4	14,800	200
205	17.9	188.3	12,200*	21.5	200.1	14,000*	26.0	214.0	15,100	29.8	224.9	14,100	205
210	12.3	169.0	12,000*	17.1	185.3	13,500*	22.5	202.5	14,400	26.8	215.4	13,400	210
215				11.1	164.5	13,100*	18.3	188.6	13,800	23.4	204.4	12,800	215
220							12.8	169.9	13,100	19.4	191.2	12,200	220
225										14.3	174.1	11,600	225
230										5.7	143.9	11,000	230





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 180 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.6	332.5	37,700*										70
75	73.2	331.0	37,500*										75
80	71.8	329.4	36,800*	73.0	330.5	43,000*							80
85	70.4	327.6	36,500*	71.6	328.8	42,800*							85
90	68.9	325.7	36,200*	70.1	327.0	42,600*							90
95	67.5	323.6	35,900*	68.7	325.1	42,200*							95
100	66.0	321.4	34,900*	67.2	323.0	40,600*	69.0	324.9	42,200*				100
105	64.5	319.1	33,300*	65.7	320.8	39,000*	67.6	322.8	42,200*				105
110	63.0	316.5	31,700*	64.2	318.4	37,300*	66.1	320.6	39,800				110
115	61.5	313.8	30,100*	62.7	315.8	35,700*	64.6	318.3	37,400	66.5	320.1	35,400	115
120	59.9	311.0	28,600*	61.2	313.1	34,000*	63.1	315.7	35,200	65.0	317.8	33,300	120
125	58.3	307.9	27,100*	59.6	310.2	32,400*	61.6	313.1	33,100	63.5	315.3	31,300	125
130	56.7	304.6	25,700*	58.1	307.1	30,800*	60.0	310.2	31,300	62.0	312.7	29,500	130
135	55.1	301.2	24,400*	56.4	303.8	29,200*	58.5	307.1	29,600	60.4	309.8	27,900	135
140	53.4	297.5	23,100*	54.8	300.3	27,800*	56.9	303.9	28,000	58.8	306.8	26,400	140
145	51.7	293.6	21,800*	53.1	296.6	26,300*	55.2	300.5	26,500	57.2	303.7	25,000	145
150	49.9	289.4	20,700*	51.4	292.6	24,900*	53.5	296.8	25,100	55.6	300.3	23,700	150
155	48.1	285.0	19,600*	49.7	288.4	23,600*	51.8	292.9	23,900	54.0	296.7	22,400	155
160	46.3	280.3	18,600*	47.8	283.9	22,400*	50.1	288.8	22,700	52.3	292.8	21,300	160
165	44.4	275.2	17,700*	46.0	279.2	21,200*	48.3	284.4	21,600	50.5	288.7	20,200	165
170	42.4	269.8	16,800*	44.1	274.1	20,100*	46.5	279.7	20,500	48.7	284.4	19,200	170
175	40.3	264.0	15,900*	42.1	268.6	19,000*	44.5	274.7	19,500	46.9	279.8	18,300	175
180	38.2	257.8	15,100*	40.0	262.7	18,100*	42.6	269.3	18,600	45.0	274.8	17,400	180
185	35.9	251.0	14,400*	37.8	256.4	17,100*	40.5	263.5	17,700	43.0	269.6	16,600	185
190	33.5	243.6	13,800*	35.5	249.6	16,300*	38.4	257.3	16,900	41.0	263.9	15,800	190
195	30.9	235.5	13,200*	33.1	242.1	15,500*	36.1	250.6	16,100	38.9	257.8	15,000	195
200	28.2	226.5	12,600*	30.5	233.8	14,800*	33.7	243.3	15,400	36.7	251.2	14,300	200
205	25.1	216.3	12,100*	27.7	224.6	14,100*	31.2	235.2	14,700	34.3	244.0	13,600	205
210	21.6	204.4	11,700*	24.6	214.2	13,500*	28.4	226.3	14,000	31.8	236.2	13,000	210
215	17.5	189.8	11,300*	21.0	201.9	13,000*	25.4	216.2	13,400	29.1	227.5	12,400	215
220	12.0	170.0	11,200*	16.7	186.7	12,500*	21.9	204.4	12,700	26.1	217.7	11,800	220
225				10.8	165.4	11,900*	17.9	190.2	12,100	22.8	206.4	11,200	225
230							12.5	171.0	11,500	18.9	192.9	10,700	230
235										14.0	175.3	10,100	235
240										5.5	144.3	9,600	240



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.0	341.5	34,400*										75
80	72.6	339.9	33,900*										80
85	71.3	338.2	33,600*	72.4	339.4	39,200*							85
90	69.9	336.4	33,300*	71.1	337.7	39,000*							90
95	68.5	334.5	33,100*	69.7	335.8	38,800*							95
100	67.1	332.4	32,700*	68.3	333.8	38,600*							100
105	65.7	330.1	32,100*	66.9	331.7	37,200*	68.6	333.6	38,500*				105
110	64.3	327.7	30,600*	65.5	329.5	35,800*	67.2	331.5	38,400*				110
115	62.9	325.2	29,200*	64.1	327.0	34,300*	65.8	329.3	37,100				115
120	61.4	322.5	27,800*	62.6	324.5	32,900*	64.4	326.9	34,900	66.2	328.8	33,000	120
125	59.9	319.6	26,500*	61.1	321.7	31,500*	63.0	324.4	32,900	64.8	326.5	31,100	125
130	58.4	316.6	25,200*	59.7	318.8	30,000*	61.5	321.7	31,000	63.3	324.0	29,300	130
135	56.9	313.3	24,000*	58.1	315.7	28,700*	60.0	318.9	29,300	61.9	321.3	27,600	135
140	55.3	309.9	22,800*	56.6	312.5	27,300*	58.5	315.8	27,700	60.4	318.5	26,100	140
145	53.7	306.3	21,700*	55.0	309.0	26,000*	57.0	312.6	26,200	58.9	315.5	24,700	145
150	52.1	302.4	20,600*	53.5	305.3	24,700*	55.4	309.2	24,900	57.4	312.3	23,400	150
155	50.4	298.3	19,500*	51.8	301.4	23,500*	53.9	305.6	23,600	55.8	309.0	22,200	155
160	48.7	294.0	18,600*	50.2	297.3	22,300*	52.2	301.7	22,400	54.2	305.4	21,000	160
165	47.0	289.3	17,600*	48.4	292.9	21,200*	50.6	297.6	21,300	52.6	301.6	20,000	165
170	45.2	284.4	16,800*	46.7	288.3	20,200*	48.9	293.3	20,300	51.0	297.6	19,000	170
175	43.3	279.2	16,000*	44.9	283.3	19,200*	47.1	288.7	19,300	49.3	293.3	18,000	175
180	41.4	273.6	15,200*	43.0	278.0	18,200*	45.3	283.8	18,400	47.5	288.8	17,200	180
185	39.4	267.6	14,500*	41.1	272.4	17,300*	43.5	278.6	17,500	45.8	284.0	16,300	185
190	37.3	261.2	13,800*	39.0	266.3	16,500*	41.5	273.1	16,700	43.9	278.9	15,500	190
195	35.1	254.2	13,200*	36.9	259.7	15,700*	39.5	267.1	15,900	42.0	273.4	14,800	195
200	32.7	246.6	12,600*	34.7	252.7	14,900*	37.5	260.7	15,100	40.0	267.5	14,100	200
205	30.2	238.2	12,100*	32.3	245.0	14,300*	35.3	253.8	14,400	38.0	261.2	13,400	205
210	27.5	228.9	11,600*	29.8	236.5	13,600*	32.9	246.2	13,800	35.8	254.4	12,700	210
215	24.5	218.4	11,200*	27.0	227.0	13,100*	30.4	237.9	13,100	33.5	247.0	12,100	215
220	21.1	206.2	10,900*	24.0	216.3	12,600*	27.7	228.7	12,500	31.0	238.9	11,500	220
225	17.1	191.3	10,600*	20.5	203.7	12,100*	24.8	218.3	11,900	28.4	230.0	11,000	225
230	11.7	170.9	10,300*	16.3	188.1	11,700*	21.4	206.3	11,400	25.5	219.9	10,400	230
235				10.5	166.2	10,300*	17.4	191.7	10,800	22.3	208.3	9,900	235
240							12.2	172.0	10,300	18.5	194.4	9,400	240
245										13.7	176.4	8,900	245
250										5.4	144.8	8,400	250



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 200 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.7	351.9	31,400*										75
80	73.4	350.4	31,100*										80
85	72.1	348.8	30,900*										85
90	70.8	347.1	30,600*	71.9	348.2	36,400*							90
95	69.5	345.2	30,400*	70.6	346.5	35,500*							95
100	68.2	343.2	30,100*	69.3	344.6	35,300*							100
105	66.8	341.1	29,800*	68.0	342.6	35,000*	69.6	344.4	35,200*				105
110	65.5	338.8	29,400*	66.6	340.4	34,100*	68.3	342.4	35,000*				110
115	64.1	336.4	28,200*	65.3	338.2	32,900*	66.9	340.3	34,900*				115
120	62.7	333.9	26,900*	63.9	335.7	31,600*	65.6	338.0	34,400				120
125	61.3	331.2	25,700*	62.5	333.1	30,300*	64.2	335.6	32,400	65.9	337.5	30,600	125
130	59.9	328.3	24,600*	61.1	330.4	29,100*	62.8	333.1	30,500	64.6	335.2	28,800	130
135	58.5	325.2	23,400*	59.7	327.5	27,900*	61.4	330.4	28,800	63.2	332.7	27,100	135
140	57.0	322.0	22,300*	58.2	324.4	26,600*	60.0	327.5	27,300	61.8	330.0	25,600	140
145	55.5	318.6	21,300*	56.8	321.2	25,400*	58.6	324.5	25,800	60.4	327.2	24,200	145
150	54.0	315.0	20,300*	55.3	317.7	24,300*	57.1	321.3	24,400	58.9	324.2	22,900	150
155	52.5	311.2	19,300*	53.7	314.1	23,200*	55.6	317.9	23,200	57.5	321.0	21,700	155
160	50.9	307.2	18,400*	52.2	310.2	22,100*	54.1	314.3	22,000	56.0	317.7	20,600	160
165	49.3	302.9	17,500*	50.6	306.2	21,100*	52.6	310.5	20,900	54.5	314.1	19,500	165
170	47.6	298.4	16,700*	49.0	301.9	20,100*	51.0	306.5	19,800	53.0	310.4	18,500	170
175	45.9	293.6	15,900*	47.3	297.3	19,100*	49.4	302.2	18,800	51.4	306.4	17,600	175
180	44.1	288.5	15,200*	45.6	292.5	18,200*	47.7	297.7	17,900	49.8	302.2	16,700	180
185	42.3	283.1	14,500*	43.8	287.3	17,400*	46.0	293.0	17,100	48.1	297.8	15,900	185
190	40.4	277.3	13,800*	42.0	281.8	16,500*	44.3	287.9	16,200	46.4	293.1	15,100	190
195	38.5	271.1	13,200*	40.1	276.0	15,800*	42.5	282.5	15,500	44.7	288.1	14,300	195
200	36.4	264.4	12,600*	38.1	269.7	15,000*	40.6	276.8	14,700	42.9	282.8	13,600	200
205	34.3	257.2	12,100*	36.1	263.0	14,400*	38.6	270.6	14,000	41.0	277.1	12,900	205
210	32.0	249.4	11,600*	33.9	255.7	13,700*	36.6	264.0	13,300	39.1	271.1	12,300	210
215	29.5	240.8	11,100*	31.6	247.8	13,200*	34.5	256.8	12,700	37.1	264.6	11,700	215
220	26.9	231.3	10,700*	29.1	239.0	12,600*	32.2	249.1	12,100	35.0	257.6	11,100	220
225	24.0	220.5	10,400*	26.4	229.3	12,100*	29.7	240.6	11,500	32.7	250.0	10,500	225
230	20.6	208.0	10,100*	23.4	218.3	11,600*	27.1	231.1	10,900	30.3	241.6	10,000	230
235	16.7	192.7	9,900*	20.0	205.4	11,000*	24.2	220.5	10,400	27.8	232.4	9,500	235
240	11.4	171.9	8,500*	15.9	189.5	10,300*	20.9	208.1	9,900	24.9	222.1	9,000	240
245				10.3	167.1	8,600*	17.0	193.1	9,400	21.8	210.2	8,500	245
250							11.9	173.0	8,900	18.1	196.0	8,100	250
255										13.3	177.6	7,600	255
260										5.3	145.2	7,100	260



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.1	360.9	28,600*										80
85	72.9	359.3	28,400*										85
90	71.6	357.7	28,100*	72.7	358.8	32,700*							90
95	70.4	355.9	27,900*	71.4	357.1	32,500*							95
100	69.1	354.0	27,600*	70.2	355.3	32,300*							100
105	67.8	352.0	27,400*	68.9	353.4	32,000*							105
110	66.6	349.8	27,100*	67.6	351.3	31,800*	69.2	353.2	32,000*				110
115	65.3	347.5	26,900*	66.3	349.2	31,300*	68.0	351.1	31,900*				115
120	63.9	345.1	26,000*	65.0	346.9	30,200*	66.7	349.0	31,700*				120
125	62.6	342.5	24,900*	63.7	344.4	29,100*	65.4	346.7	31,600*	67.0	348.5	30,200	125
130	61.3	339.8	23,800*	62.4	341.8	28,000*	64.1	344.3	30,200	65.7	346.2	28,400	130
135	59.9	336.9	22,800*	61.1	339.1	26,900*	62.7	341.7	28,400	64.4	343.9	26,700	135
140	58.5	333.9	21,800*	59.7	336.2	25,900*	61.4	339.0	26,900	63.1	341.3	25,200	140
145	57.1	330.7	20,900*	58.3	333.1	24,800*	60.0	336.2	25,400	61.7	338.7	23,800	145
150	55.7	327.3	19,900*	56.9	329.9	23,800*	58.7	333.1	24,000	60.4	335.8	22,500	150
155	54.3	323.7	19,000*	55.5	326.4	22,700*	57.3	330.0	22,800	59.0	332.8	21,300	155
160	52.8	320.0	18,200*	54.0	322.8	21,700*	55.8	326.6	21,600	57.6	329.7	20,200	160
165	51.3	316.0	17,300*	52.5	319.0	20,800*	54.4	323.0	20,500	56.2	326.4	19,100	165
170	49.7	311.8	16,600*	51.0	315.0	19,900*	52.9	319.3	19,400	54.7	322.9	18,100	170
175	48.2	307.4	15,800*	49.5	310.8	19,000*	51.4	315.3	18,500	53.3	319.1	17,200	175
180	46.5	302.7	15,100*	47.9	306.3	18,100*	49.9	311.1	17,500	51.8	315.2	16,300	180
185	44.9	297.7	14,400*	46.3	301.6	17,300*	48.3	306.7	16,700	50.2	311.1	15,500	185
190	43.2	292.4	13,800*	44.6	296.6	16,600*	46.7	302.1	15,900	48.7	306.8	14,700	190
195	41.4	286.8	13,200*	42.9	291.2	15,800*	45.0	297.1	15,100	47.1	302.2	13,900	195
200	39.5	280.9	12,600*	41.1	285.6	15,100*	43.3	291.9	14,300	45.4	297.3	13,200	200
205	37.6	274.5	12,100*	39.2	279.5	14,400*	41.5	286.3	13,600	43.7	292.1	12,600	205
210	35.6	267.6	11,600*	37.3	273.1	13,800*	39.7	280.4	13,000	42.0	286.6	11,900	210
215	33.5	260.2	11,100*	35.3	266.2	13,200*	37.8	274.0	12,300	40.1	280.8	11,300	215
220	31.3	252.2	10,700*	33.2	258.7	12,500*	35.8	267.2	11,700	38.3	274.5	10,700	220
225	28.9	243.4	10,300*	30.9	250.5	11,800*	33.7	259.9	11,100	36.3	267.8	10,200	225
230	26.3	233.6	10,000*	28.5	241.6	11,100*	31.5	251.9	10,600	34.2	260.6	9,600	230
235	23.4	222.6	9,700*	25.9	231.6	10,500*	29.1	243.1	10,100	32.0	252.8	9,100	235
240	20.2	209.7	9,400*	22.9	220.3	9,800*	26.5	233.5	9,500	29.7	244.3	8,600	240
245	16.3	194.1	8,500*	19.6	207.1	9,200*	23.7	222.5	9,000	27.2	234.8	8,200	245
250	11.2	172.8	7,000*	15.6	190.8	8,600*	20.5	209.9	8,600	24.4	224.2	7,700	250
255				10.1	167.9	7,000*	16.7	194.6	8,100	21.3	212.1	7,300	255
260							11.7	174.0	7,600	17.7	197.5	6,800	260
265										13.1	178.7	6,400	265
270										5.2	145.6	6,000	270



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	73.6	330.9	35,400*										75
80	72.2	329.3	35,100*										80
85	70.8	327.5	34,900*	72.0	328.7	40,800*							85
90	69.4	325.6	34,600*	70.6	326.9	40,200*							90
95	67.9	323.5	34,400*	69.1	325.0	38,300*							95
100	66.4	321.3	33,900*	67.7	322.9	36,500*	69.5	324.8	39,300*				100
105	64.9	319.0	32,600*	66.2	320.6	34,900*	68.0	322.7	37,500*				105
110	63.4	316.4	31,000*	64.7	318.3	33,400*	66.5	320.5	35,800*				110
115	61.9	313.7	29,400*	63.2	315.7	31,900*	65.1	318.1	34,300*	66.9	320.0	36,100	115
120	60.3	310.8	27,900*	61.6	313.0	30,600*	63.6	315.6	32,900*	65.4	317.7	33,900	120
125	58.8	307.8	26,500*	60.1	310.1	29,400*	62.0	312.9	31,500*	63.9	315.2	32,000	125
130	57.1	304.5	25,100*	58.5	307.0	28,200*	60.5	310.1	30,300*	62.4	312.6	30,200	130
135	55.5	301.1	23,700*	56.9	303.7	27,000*	58.9	307.0	29,100*	60.8	309.7	28,600	135
140	53.8	297.4	22,400*	55.2	300.2	26,000*	57.3	303.8	27,900*	59.3	306.7	27,000	140
145	52.1	293.5	21,200*	53.6	296.5	25,000*	55.6	300.3	26,900*	57.7	303.5	25,600	145
150	50.4	289.3	20,100*	51.8	292.5	23,900*	54.0	296.7	25,800	56.0	300.1	24,300	150
155	48.6	284.9	19,000*	50.1	288.3	22,600*	52.3	292.8	24,500	54.4	296.5	23,100	155
160	46.7	280.1	18,000*	48.3	283.8	21,400*	50.5	288.6	23,300	52.7	292.7	21,900	160
165	44.8	275.1	17,000*	46.4	279.0	20,200*	48.7	284.2	22,200	50.9	288.6	20,900	165
170	42.8	269.7	16,100*	44.5	273.9	19,100*	46.9	279.5	21,100	49.2	284.3	19,900	170
175	40.8	263.9	15,300*	42.5	268.5	18,100*	45.0	274.5	20,200	47.3	279.6	18,900	175
180	38.6	257.6	14,500*	40.4	262.6	17,100*	43.0	269.1	19,200	45.4	274.7	18,000	180
185	36.3	250.9	13,800*	38.2	256.3	16,200*	40.9	263.4	18,400	43.5	269.4	17,200	185
190	33.9	243.5	13,100*	35.9	249.4	15,400*	38.8	257.2	17,500	41.4	263.7	16,400	190
195	31.4	235.3	12,500*	33.5	241.9	14,600*	36.5	250.4	16,700	39.3	257.6	15,600	195
200	28.6	226.3	11,900*	30.9	233.6	13,900*	34.1	243.1	16,000	37.1	251.0	14,900	200
205	25.5	216.0	11,400*	28.1	224.4	13,200*	31.6	235.0	15,300	34.7	243.9	14,200	205
210	22.0	204.1	11,000*	25.0	213.9	12,600*	28.8	226.1	14,600	32.2	236.0	13,600	210
215	17.8	189.5	10,600*	21.4	201.6	12,100*	25.8	215.9	13,900	29.5	227.3	13,000	215
220	12.3	169.5	10,400*	17.1	186.4	11,600*	22.3	204.2	13,300	26.5	217.5	12,400	220
225				11.1	164.8	11,300*	18.2	189.8	12,700	23.2	206.1	11,800	225
230							12.8	170.5	12,100	19.3	192.5	11,200	230
235										14.3	174.8	10,700	235
240										5.7	143.2	10,100	240



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 180 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.4	341.4	32,700*										75
80	73.1	339.8	32,500*										80
85	71.7	338.1	32,300*	72.8	339.3	37,700*							85
90	70.3	336.3	32,100*	71.5	337.6	37,600*							90
95	68.9	334.4	31,900*	70.1	335.7	36,600*							95
100	67.6	332.3	31,700*	68.7	333.7	34,900*							100
105	66.1	330.0	31,200*	67.3	331.6	33,400*	69.1	333.5	35,800*				105
110	64.7	327.6	30,000*	65.9	329.4	31,900*	67.7	331.4	34,200*				110
115	63.3	325.1	28,600*	64.5	326.9	30,600*	66.3	329.2	32,800*				115
120	61.8	322.4	27,200*	63.0	324.4	29,300*	64.8	326.8	31,400*	66.6	328.7	33,400*	120
125	60.3	319.5	25,900*	61.6	321.6	28,100*	63.4	324.3	30,100*	65.2	326.4	31,500	125
130	58.8	316.4	24,600*	60.1	318.7	27,000*	61.9	321.6	28,900*	63.7	323.9	29,700	130
135	57.3	313.2	23,400*	58.6	315.6	25,900*	60.4	318.7	27,800*	62.3	321.2	28,100	135
140	55.7	309.8	22,200*	57.0	312.4	24,900*	58.9	315.7	26,700*	60.8	318.4	26,500	140
145	54.1	306.1	21,100*	55.5	308.9	24,000*	57.4	312.5	25,700*	59.3	315.4	25,100	145
150	52.5	302.3	20,000*	53.9	305.2	23,100*	55.9	309.1	24,700*	57.8	312.2	23,800	150
155	50.8	298.2	18,900*	52.2	301.3	22,300*	54.3	305.4	23,900*	56.2	308.8	22,600	155
160	49.1	293.8	18,000*	50.6	297.2	21,400*	52.6	301.6	22,900	54.6	305.3	21,500	160
165	47.4	289.2	17,000*	48.8	292.8	20,300*	51.0	297.5	21,700	53.0	301.5	20,400	165
170	45.6	284.3	16,200*	47.1	288.1	19,200*	49.3	293.2	20,700	51.4	297.5	19,400	170
175	43.7	279.1	15,400*	45.3	283.2	18,200*	47.5	288.6	19,700	49.7	293.2	18,400	175
180	41.8	273.5	14,600*	43.4	277.9	17,300*	45.7	283.7	18,800	48.0	288.7	17,600	180
185	39.8	267.4	13,900*	41.5	272.2	16,400*	43.9	278.5	17,900	46.2	283.9	16,700	185
190	37.7	261.0	13,200*	39.4	266.1	15,600*	41.9	272.9	17,100	44.3	278.7	15,900	190
195	35.5	254.0	12,600*	37.3	259.6	14,800*	39.9	267.0	16,300	42.4	273.2	15,200	195
200	33.1	246.4	12,000*	35.1	252.5	14,100*	37.8	260.5	15,600	40.4	267.4	14,500	200
205	30.6	238.0	11,500*	32.7	244.8	13,400*	35.6	253.6	14,800	38.4	261.1	13,800	205
210	27.9	228.7	11,000*	30.2	236.3	12,800*	33.3	246.0	14,200	36.2	254.3	13,100	210
215	24.9	218.2	10,600*	27.4	226.8	12,200*	30.8	237.7	13,500	33.9	246.9	12,500	215
220	21.5	205.9	10,200*	24.4	216.0	11,700*	28.1	228.5	12,900	31.4	238.8	11,900	220
225	17.4	190.9	9,900*	20.9	203.4	11,200*	25.1	218.1	12,300	28.8	229.8	11,400	225
230	12.0	170.4	9,700*	16.6	187.8	10,900*	21.8	206.0	11,700	25.9	219.7	10,800	230
235				10.8	165.7	10,600*	17.8	191.3	11,200	22.6	208.1	10,300	235
240							12.5	171.5	10,600	18.8	194.1	9,800	240
245										14.0	176.0	9,300	245
250										5.5	143.5	8,800	250



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.8	350.3	30,900*										80
85	72.5	348.7	29,900*										85
90	71.2	347.0	29,700*	72.3	348.1	34,800*							90
95	69.9	345.1	29,500*	71.0	346.4	34,600*							95
100	68.6	343.1	29,200*	69.7	344.5	34,400*							100
105	67.2	341.0	29,000*	68.4	342.5	34,200*							105
110	65.9	338.7	28,700*	67.0	340.3	32,800*	68.7	342.3	34,000*				110
115	64.5	336.3	27,700*	65.7	338.0	31,500*	67.3	340.2	33,700*				115
120	63.1	333.8	26,400*	64.3	335.6	30,200*	66.0	337.9	32,400*				120
125	61.7	331.0	25,200*	62.9	333.0	29,100*	64.6	335.5	31,100*	66.3	337.4	31,200	125
130	60.3	328.2	24,100*	61.5	330.3	28,000*	63.2	333.0	29,900*	65.0	335.1	29,400	130
135	58.9	325.1	22,900*	60.1	327.4	26,900*	61.8	330.3	28,800*	63.6	332.5	27,800	135
140	57.4	321.9	21,900*	58.6	324.3	25,800*	60.4	327.4	27,800*	62.2	329.9	26,300	140
145	55.9	318.5	20,800*	57.2	321.0	24,600*	59.0	324.4	26,400	60.8	327.0	24,900	145
150	54.4	314.9	19,800*	55.7	317.6	23,400*	57.5	321.2	25,000	59.3	324.1	23,600	150
155	52.8	311.1	18,800*	54.1	314.0	22,300*	56.0	317.8	23,800	57.9	320.9	22,300	155
160	51.3	307.0	17,900*	52.6	310.1	21,200*	54.5	314.2	22,600	56.4	317.5	21,200	160
165	49.6	302.8	17,000*	51.0	306.0	20,200*	53.0	310.4	21,500	54.9	314.0	20,100	165
170	48.0	298.2	16,200*	49.4	301.7	19,200*	51.4	306.4	20,400	53.3	310.3	19,100	170
175	46.3	293.4	15,400*	47.7	297.2	18,300*	49.8	302.1	19,400	51.8	306.3	18,200	175
180	44.5	288.3	14,600*	46.0	292.3	17,400*	48.1	297.6	18,500	50.2	302.1	17,300	180
185	42.7	282.9	13,900*	44.2	287.2	16,500*	46.4	292.8	17,600	48.5	297.7	16,500	185
190	40.8	277.1	13,300*	42.4	281.7	15,700*	44.7	287.8	16,800	46.8	293.0	15,700	190
195	38.9	270.9	12,700*	40.5	275.8	14,900*	42.9	282.4	16,000	45.1	288.0	14,900	195
200	36.8	264.3	12,100*	38.5	269.6	14,200*	41.0	276.6	15,300	43.3	282.6	14,200	200
205	34.6	257.1	11,600*	36.5	262.8	13,600*	39.0	270.4	14,600	41.4	277.0	13,500	205
210	32.4	249.2	11,100*	34.3	255.5	12,900*	37.0	263.8	13,900	39.5	270.9	12,900	210
215	29.9	240.6	10,600*	32.0	247.6	12,400*	34.8	256.7	13,300	37.5	264.4	12,300	215
220	27.2	231.1	10,200*	29.5	238.8	11,800*	32.5	248.9	12,700	35.4	257.4	11,700	220
225	24.3	220.3	9,800*	26.8	229.1	11,400*	30.1	240.4	12,100	33.1	249.8	11,100	225
230	21.0	207.7	9,500*	23.8	218.0	10,900*	27.5	230.9	11,500	30.7	241.4	10,600	230
235	17.0	192.4	9,300*	20.4	205.1	10,500*	24.6	220.2	11,000	28.1	232.2	10,100	235
240	11.7	171.4	9,100*	16.3	189.1	10,200*	21.3	207.8	10,400	25.3	221.9	9,600	240
245				10.5	166.5	9,300*	17.4	192.8	9,900	22.1	209.9	9,100	245
250							12.2	172.5	9,400	18.4	195.7	8,600	250
255										13.7	177.1	8,200	255
260										5.4	143.9	7,700	260



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 200 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.5	360.8	27,900*										80
85	73.3	359.2	27,700*										85
90	72.0	357.6	27,400*										90
95	70.8	355.8	27,200*	71.8	357.0	31,900*							95
100	69.5	353.9	27,000*	70.6	355.2	31,700*							100
105	68.2	351.9	26,800*	69.3	353.3	31,500*							105
110	66.9	349.7	26,500*	68.0	351.2	31,300*	69.6	353.0	31,300*				110
115	65.6	347.4	26,300*	66.7	349.1	30,300*	68.3	351.0	31,200*				115
120	64.3	345.0	25,500*	65.4	346.7	29,100*	67.1	348.9	31,100*				120
125	63.0	342.4	24,400*	64.1	344.3	28,000*	65.8	346.6	29,900*				125
130	61.7	339.7	23,400*	62.8	341.7	27,000*	64.4	344.2	28,800*	66.1	346.1	29,000	130
135	60.3	336.8	22,400*	61.4	338.9	26,000*	63.1	341.6	27,700*	64.8	343.7	27,300	135
140	58.9	333.8	21,400*	60.1	336.0	25,000*	61.8	338.9	26,700*	63.4	341.2	25,800	140
145	57.5	330.6	20,400*	58.7	333.0	24,000*	60.4	336.1	25,800*	62.1	338.5	24,400	145
150	56.1	327.2	19,500*	57.3	329.7	23,000*	59.0	333.0	24,600	60.7	335.7	23,100	150
155	54.6	323.6	18,600*	55.8	326.3	21,900*	57.6	329.8	23,300	59.4	332.7	21,900	155
160	53.2	319.8	17,700*	54.4	322.7	20,900*	56.2	326.5	22,100	58.0	329.6	20,700	160
165	51.6	315.9	16,900*	52.9	318.9	20,000*	54.8	322.9	21,000	56.5	326.2	19,700	165
170	50.1	311.7	16,100*	51.4	314.9	19,100*	53.3	319.2	20,000	55.1	322.7	18,700	170
175	48.5	307.2	15,300*	49.8	310.7	18,200*	51.8	315.2	19,000	53.6	319.0	17,700	175
180	46.9	302.5	14,600*	48.3	306.2	17,300*	50.2	311.0	18,100	52.1	315.1	16,800	180
185	45.2	297.6	13,900*	46.6	301.4	16,500*	48.7	306.6	17,200	50.6	311.0	16,000	185
190	43.5	292.3	13,300*	45.0	296.4	15,700*	47.0	301.9	16,400	49.0	306.6	15,200	190
195	41.7	286.7	12,700*	43.2	291.1	15,000*	45.4	297.0	15,600	47.4	302.0	14,500	195
200	39.9	280.7	12,100*	41.5	285.4	14,300*	43.7	291.7	14,900	45.8	297.1	13,700	200
205	38.0	274.3	11,600*	39.6	279.4	13,700*	41.9	286.1	14,200	44.1	292.0	13,100	205
210	36.0	267.5	11,100*	37.7	272.9	13,000*	40.1	280.2	13,500	42.3	286.5	12,400	210
215	33.9	260.0	10,600*	35.7	266.0	12,500*	38.2	273.9	12,900	40.5	280.6	11,800	215
220	31.6	252.0	10,200*	33.5	258.5	11,900*	36.2	267.0	12,200	38.6	274.4	11,200	220
225	29.2	243.2	9,800*	31.3	250.3	11,400*	34.1	259.7	11,700	36.6	267.7	10,700	225
230	26.6	233.4	9,500*	28.8	241.3	11,000*	31.8	251.7	11,100	34.6	260.4	10,100	230
235	23.8	222.3	9,100*	26.2	231.4	10,500*	29.5	242.9	10,600	32.4	252.6	9,600	235
240	20.5	209.4	8,900*	23.3	220.0	10,200*	26.9	233.2	10,000	30.0	244.1	9,100	240
245	16.6	193.7	8,700*	19.9	206.8	9,800*	24.0	222.3	9,500	27.5	234.6	8,700	245
250	11.4	172.3	7,600*	15.9	190.5	9,300*	20.8	209.6	9,100	24.7	224.0	8,200	250
255				10.3	167.3	7,700*	17.0	194.2	8,600	21.6	211.8	7,800	255
260							12.0	173.5	8,100	18.0	197.2	7,300	260
265										13.3	178.2	6,900	265
270										5.2	144.3	6,400	270





# Liftcrane Fixed Jib Capacities

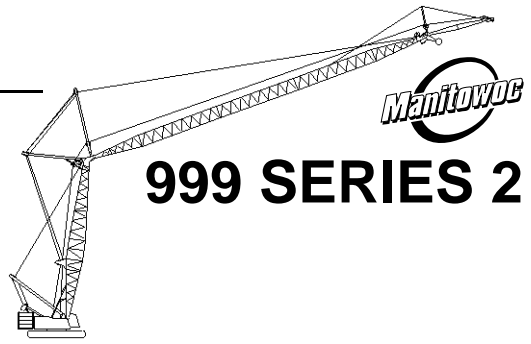
## 999 SERIES 2

**Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating**

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	73.9	369.7	26,100*										85
90	72.8	368.1	25,400*										90
95	71.6	366.4	25,200*	72.6	367.5	29,400*							95
100	70.4	364.6	24,900*	71.4	365.8	29,300*							100
105	69.1	362.7	24,700*	70.2	364.0	29,100*							105
110	67.9	360.6	24,500*	68.9	362.0	28,900*							110
115	66.7	358.4	24,300*	67.7	360.0	28,600*	69.2	361.8	28,600*				115
120	65.4	356.1	24,000*	66.5	357.8	27,700*	68.0	359.8	28,500*				120
125	64.2	353.7	23,600*	65.2	355.4	26,600*	66.8	357.6	28,400*				125
130	62.9	351.1	22,600*	64.0	353.0	25,600*	65.5	355.3	27,300*				130
135	61.6	348.4	21,700*	62.7	350.4	24,700*	64.3	352.9	26,300*	65.8	354.8	26,900	135
140	60.3	345.5	20,800*	61.4	347.6	23,800*	63.0	350.3	25,300*	64.6	352.4	25,400	140
145	59.0	342.4	19,900*	60.1	344.7	22,900*	61.7	347.6	24,400*	63.3	349.9	24,000	145
150	57.6	339.3	19,100*	58.7	341.6	22,100*	60.4	344.7	23,600*	62.0	347.2	22,700	150
155	56.2	335.9	18,200*	57.4	338.4	21,400*	59.1	341.7	22,800*	60.7	344.4	21,500	155
160	54.9	332.3	17,400*	56.0	335.0	20,500*	57.7	338.5	21,800	59.4	341.4	20,300	160
165	53.4	328.6	16,700*	54.6	331.4	19,600*	56.4	335.2	20,600	58.0	338.2	19,300	165
170	52.0	324.7	15,900*	53.2	327.7	18,800*	55.0	331.6	19,600	56.7	334.9	18,300	170
175	50.5	320.5	15,200*	51.8	323.7	18,000*	53.6	327.9	18,600	55.3	331.4	17,300	175
180	49.0	316.2	14,500*	50.3	319.5	17,200*	52.1	324.0	17,700	53.9	327.8	16,400	180
185	47.5	311.6	13,900*	48.8	315.1	16,400*	50.7	319.9	16,800	52.5	323.9	15,600	185
190	45.9	306.7	13,300*	47.2	310.5	15,700*	49.1	315.5	16,000	51.0	319.8	14,800	190
195	44.3	301.6	12,700*	45.6	305.6	15,000*	47.6	311.0	15,200	49.5	315.6	14,100	195
200	42.6	296.1	12,100*	44.0	300.4	14,300*	46.0	306.1	14,500	48.0	311.0	13,400	200
205	40.9	290.4	11,600*	42.3	294.9	13,700*	44.4	301.0	13,800	46.4	306.3	12,700	205
210	39.1	284.2	11,100*	40.6	289.1	13,100*	42.7	295.6	13,100	44.8	301.2	12,000	210
215	37.2	277.6	10,600*	38.8	282.9	12,500*	41.0	289.8	12,500	43.1	295.9	11,400	215
220	35.2	270.6	10,200*	36.9	276.2	12,000*	39.2	283.7	11,900	41.4	290.2	10,900	220
225	33.2	263.0	9,800*	34.9	269.1	11,500*	37.4	277.2	11,300	39.7	284.2	10,300	225
230	31.0	254.7	9,400*	32.8	261.4	11,000*	35.4	270.2	10,700	37.8	277.7	9,800	230
235	28.6	245.7	9,100*	30.6	253.0	10,600*	33.3	262.6	10,200	35.9	270.9	9,300	235
240	26.1	235.6	8,800*	28.2	243.8	10,000*	31.2	254.4	9,700	33.8	263.4	8,800	240
245	23.3	224.3	8,500*	25.6	233.6	9,400*	28.8	245.4	9,200	31.7	255.4	8,300	245
250	20.1	211.2	8,300*	22.8	222.0	8,900*	26.3	235.5	8,700	29.4	246.6	7,800	250
255	16.3	195.1	7,600*	19.5	208.5	8,300*	23.5	224.3	8,300	26.9	236.9	7,400	255
260	11.2	173.2	6,100*	15.6	191.8	7,700*	20.4	211.3	7,800	24.2	226.1	7,000	260
265				10.1	168.1	6,200*	16.6	195.6	7,400	21.2	213.6	6,600	265
270							11.7	174.4	7,000	17.6	198.7	6,200	270
275										13.1	179.3	5,800	275
280										5.1	144.6	5,400	280



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.9	341.6	29,300*										75
80	73.6	340.1	29,100*										80
85	72.2	338.4	29,000*										85
90	70.8	336.6	28,800*	72.0	337.8	33,400*							90
95	69.4	334.7	28,700*	70.6	336.0	33,000*							95
100	68.1	332.6	28,500*	69.2	334.1	32,600*							100
105	66.6	330.4	28,300*	67.8	332.0	32,300*	69.6	333.9	32,800*				105
110	65.2	328.1	28,100*	66.4	329.7	31,100*	68.2	331.8	32,500*				110
115	63.8	325.5	27,900*	65.0	327.4	29,700*	66.8	329.6	31,900*				115
120	62.3	322.9	26,800*	63.5	324.8	28,300*	65.3	327.2	30,500*				120
125	60.8	320.0	25,600*	62.1	322.1	27,100*	63.9	324.7	29,100*	65.7	326.8	31,100*	125
130	59.3	317.0	24,300*	60.6	319.2	26,000*	62.4	322.1	27,900*	64.3	324.3	29,800*	130
135	57.8	313.8	23,100*	59.1	316.2	24,900*	61.0	319.2	26,700*	62.8	321.7	28,500*	135
140	56.3	310.4	21,900*	57.6	312.9	23,900*	59.5	316.2	25,600*	61.3	318.9	27,200	140
145	54.7	306.8	20,800*	56.0	309.5	22,900*	57.9	313.0	24,600*	59.8	315.9	25,800	145
150	53.0	303.0	19,700*	54.4	305.9	22,100*	56.4	309.7	23,700*	58.3	312.8	24,500	150
155	51.4	298.9	18,700*	52.8	302.0	21,200*	54.8	306.1	22,800*	56.8	309.4	23,200	155
160	49.7	294.6	17,700*	51.1	297.9	20,400*	53.2	302.3	21,900*	55.2	305.9	22,100	160
165	48.0	290.0	16,800*	49.4	293.6	19,700*	51.5	298.2	21,100*	53.6	302.2	21,000	165
170	46.2	285.2	15,900*	47.7	289.0	19,000*	49.8	294.0	20,400*	51.9	298.2	20,000	170
175	44.3	280.0	15,100*	45.9	284.1	18,100*	48.1	289.4	19,600*	50.2	294.0	19,100	175
180	42.4	274.5	14,300*	44.0	278.8	17,200*	46.3	284.6	19,000*	48.5	289.5	18,200	180
185	40.4	268.5	13,600*	42.1	273.2	16,200*	44.5	279.4	18,300*	46.7	284.7	17,300	185
190	38.3	262.2	12,900*	40.1	267.2	15,400*	42.5	273.9	17,700	44.9	279.7	16,500	190
195	36.1	255.3	12,200*	38.0	260.8	14,600*	40.6	268.0	16,900	43.0	274.2	15,800	195
200	33.8	247.8	11,700*	35.7	253.8	13,900*	38.5	261.7	16,200	41.0	268.4	15,100	200
205	31.3	239.6	11,100*	33.4	246.2	13,200*	36.3	254.9	15,500	39.0	262.2	14,400	205
210	28.6	230.4	10,600*	30.9	237.8	12,500*	34.0	247.4	14,800	36.8	255.5	13,700	210
215	25.7	220.2	10,200*	28.2	228.5	11,900*	31.5	239.3	14,100	34.6	248.2	13,100	215
220	22.4	208.3	9,800*	25.2	218.0	11,400*	28.9	230.2	13,500	32.1	240.2	12,500	220
225	18.5	193.9	9,500*	21.8	205.8	10,900*	26.0	220.1	12,900	29.5	231.4	12,000	225
230	13.4	174.8	9,200*	17.7	190.9	10,500*	22.7	208.3	12,300	26.7	221.6	11,400	230
235				12.3	170.5	10,200*	18.8	194.2	11,800	23.5	210.3	10,900	235
240							13.9	175.7	11,200	19.8	196.8	10,400	240
245							4.6	140.2	10,500*	15.2	179.7	9,900	245
250										8.1	152.5	9,400	250



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 180 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.3	350.6	27,500*										80
85	73.0	349.0	27,400*										85
90	71.7	347.3	27,300*	72.8	348.4	31,600*							90
95	70.4	345.4	27,100*	71.5	346.7	31,500*							95
100	69.1	343.5	26,900*	70.2	344.8	31,300*							100
105	67.7	341.4	26,800*	68.8	342.8	31,200*							105
110	66.4	339.1	26,600*	67.5	340.7	29,800*	69.2	342.6	30,900*				110
115	65.0	336.7	26,400*	66.1	338.4	28,400*	67.8	340.5	30,500*				115
120	63.6	334.2	25,800*	64.8	336.0	27,200*	66.5	338.3	29,200*				120
125	62.2	331.5	24,700*	63.4	333.5	26,000*	65.1	335.9	27,900*	66.8	337.8	29,700*	125
130	60.8	328.7	23,700*	62.0	330.8	24,900*	63.7	333.4	26,700*	65.4	335.5	28,500*	130
135	59.4	325.7	22,600*	60.6	327.9	23,900*	62.3	330.7	25,600*	64.1	333.0	27,300*	135
140	57.9	322.5	21,600*	59.1	324.8	22,900*	60.9	327.9	24,600*	62.7	330.3	26,200*	140
145	56.4	319.1	20,500*	57.7	321.6	22,000*	59.5	324.9	23,600*	61.3	327.5	25,100*	145
150	54.9	315.5	19,500*	56.2	318.2	21,200*	58.0	321.7	22,700*	59.8	324.6	24,000	150
155	53.4	311.7	18,500*	54.7	314.6	20,400*	56.5	318.4	21,800*	58.4	321.5	22,800	155
160	51.8	307.7	17,600*	53.1	310.8	19,700*	55.0	314.8	21,000*	56.9	318.1	21,600	160
165	50.2	303.5	16,700*	51.5	306.8	19,000*	53.5	311.1	20,200*	55.4	314.6	20,500	165
170	48.5	299.0	15,900*	49.9	302.5	18,300*	51.9	307.1	19,500*	53.9	310.9	19,500	170
175	46.8	294.3	15,100*	48.2	298.0	17,700*	50.3	302.9	18,900*	52.3	307.0	18,600	175
180	45.1	289.3	14,300*	46.5	293.2	17,100*	48.7	298.4	18,200*	50.7	302.9	17,700	180
185	43.3	283.9	13,600*	44.8	288.1	16,400*	47.0	293.7	17,600*	49.1	298.5	16,900	185
190	41.4	278.2	13,000*	43.0	282.7	15,600*	45.2	288.7	17,100*	47.4	293.8	16,100	190
195	39.4	272.0	12,300*	41.1	276.9	14,800*	43.4	283.3	16,500*	45.6	288.9	15,300	195
200	37.4	265.5	11,800*	39.1	270.7	14,100*	41.6	277.7	15,700	43.9	283.6	14,600	200
205	35.3	258.4	11,200*	37.1	264.0	13,400*	39.6	271.6	15,000	42.0	278.0	13,900	205
210	33.0	250.7	10,700*	34.9	256.9	12,700*	37.6	265.0	14,300	40.1	272.0	13,300	210
215	30.6	242.2	10,200*	32.6	249.0	12,100*	35.5	258.0	13,700	38.1	265.6	12,700	215
220	28.0	232.8	9,800*	30.2	240.4	11,600*	33.2	250.3	13,100	36.0	258.7	12,100	220
225	25.1	222.3	9,400*	27.5	230.9	11,100*	30.8	241.9	12,500	33.8	251.2	11,500	225
230	21.9	210.1	9,100*	24.6	220.1	10,600*	28.2	232.7	11,900	31.4	243.0	11,000	230
235	18.0	195.4	8,800*	21.3	207.6	10,200*	25.4	222.2	11,400	28.8	233.9	10,500	235
240	13.1	175.8	8,700*	17.3	192.3	9,800*	22.1	210.2	10,900	26.1	223.8	10,000	240
245				12.0	171.4	9,600*	18.4	195.7	10,300	23.0	212.2	9,500	245
250							13.5	176.8	9,800	19.3	198.4	9,000	250
255							4.5	140.4	8,800*	14.9	180.9	8,500	255
260										7.9	153.0	8,100	260



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	361.0	25,900*										80
85	73.7	359.5	25,800*										85
90	72.5	357.9	25,600*										90
95	71.2	356.1	25,500*	72.3	357.3	29,600*							95
100	70.0	354.2	25,300*	71.0	355.5	29,500*							100
105	68.7	352.2	25,200*	69.8	353.6	29,300*							105
110	67.4	350.1	25,000*	68.5	351.6	29,200*							110
115	66.1	347.8	24,800*	67.2	349.4	29,100*	68.8	351.4	28,900*				115
120	64.8	345.4	24,700*	65.9	347.1	28,000*	67.5	349.3	28,900*				120
125	63.5	342.9	24,100*	64.6	344.7	26,900*	66.2	347.0	28,800*				125
130	62.1	340.2	23,100*	63.3	342.1	25,800*	64.9	344.6	27,600*	66.5	346.5	28,000*	130
135	60.8	337.3	22,100*	61.9	339.4	24,800*	63.6	342.1	26,500*	65.2	344.2	27,700*	135
140	59.4	334.3	21,100*	60.5	336.5	23,800*	62.2	339.4	25,500*	63.9	341.7	26,400	140
145	58.0	331.1	20,100*	59.2	333.5	22,900*	60.9	336.6	24,500*	62.6	339.0	25,000	145
150	56.6	327.8	19,200*	57.8	330.3	22,100*	59.5	333.6	23,600*	61.2	336.2	23,700	150
155	55.1	324.2	18,300*	56.3	326.9	21,300*	58.1	330.4	22,700*	59.8	333.2	22,500	155
160	53.7	320.5	17,400*	54.9	323.3	20,500*	56.7	327.1	21,900*	58.5	330.1	21,300	160
165	52.1	316.6	16,600*	53.4	319.6	19,800*	55.2	323.5	21,100*	57.0	326.8	20,300	165
170	50.6	312.4	15,800*	51.9	315.6	19,000*	53.8	319.8	20,400*	55.6	323.3	19,300	170
175	49.0	308.0	15,100*	50.4	311.4	18,100*	52.3	315.9	19,600	54.1	319.7	18,300	175
180	47.4	303.4	14,300*	48.8	307.0	17,300*	50.7	311.8	18,700	52.6	315.8	17,400	180
185	45.8	298.5	13,700*	47.2	302.3	16,500*	49.2	307.4	17,800	51.1	311.7	16,600	185
190	44.1	293.2	13,000*	45.5	297.3	15,700*	47.6	302.8	17,000	49.6	307.4	15,800	190
195	42.3	287.7	12,400*	43.8	292.0	14,900*	45.9	297.9	16,200	48.0	302.8	15,100	195
200	40.5	281.8	11,800*	42.0	286.4	14,200*	44.2	292.7	15,500	46.3	298.0	14,300	200
205	38.6	275.5	11,300*	40.2	280.5	13,500*	42.5	287.2	14,800	44.6	292.9	13,700	205
210	36.6	268.7	10,800*	38.3	274.1	12,900*	40.6	281.3	14,100	42.9	287.5	13,000	210
215	34.5	261.4	10,300*	36.2	267.2	12,300*	38.7	275.0	13,400	41.1	281.7	12,400	215
220	32.3	253.5	9,900*	34.1	259.8	11,700*	36.8	268.3	12,800	39.2	275.5	11,800	220
225	29.9	244.8	9,500*	31.9	251.8	11,200*	34.7	261.0	12,200	37.2	268.9	11,300	225
230	27.4	235.2	9,100*	29.5	243.0	10,700*	32.5	253.2	11,700	35.2	261.8	10,700	230
235	24.5	224.4	8,800*	26.9	233.2	10,300*	30.1	244.5	11,100	33.0	254.0	10,200	235
240	21.4	211.9	8,500*	24.1	222.2	9,900*	27.6	235.0	10,600	30.7	245.6	9,700	240
245	17.6	196.8	8,300*	20.8	209.3	9,500*	24.8	224.3	10,100	28.2	236.4	9,200	245
250	12.8	176.8	8,200*	16.9	193.7	9,200*	21.7	212.0	9,600	25.5	226.0	8,800	250
255				11.7	172.4	8,800*	18.0	197.2	9,200	22.4	214.1	8,300	255
260							13.2	177.8	8,700	18.9	200.0	7,900	260
265							4.4	140.7	7,500*	14.5	182.1	7,500	265
270										7.7	153.6	7,000	270



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 200 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	369.9	24,100*										85
90	73.2	368.4	24,000*										90
95	72.0	366.7	23,900*										95
100	70.8	364.9	23,700*	71.8	366.1	27,500*							100
105	69.6	363.0	23,500*	70.6	364.3	27,400*							105
110	68.4	361.0	23,400*	69.4	362.4	27,300*							110
115	67.1	358.8	23,200*	68.2	360.3	27,200*	69.7	362.2	27,000*				115
120	65.9	356.5	23,000*	66.9	358.2	27,000*	68.5	360.1	26,900*				120
125	64.6	354.1	22,900*	65.7	355.8	25,900*	67.2	358.0	26,900*				125
130	63.3	351.5	22,300*	64.4	353.4	24,900*	66.0	355.7	26,600*				130
135	62.0	348.8	21,400*	63.1	350.8	23,900*	64.7	353.3	25,600*	66.3	355.2	26,100*	135
140	60.7	346.0	20,500*	61.8	348.1	23,000*	63.4	350.7	24,600*	65.0	352.8	26,000*	140
145	59.4	343.0	19,600*	60.5	345.2	22,100*	62.2	348.1	23,600*	63.8	350.3	24,500*	145
150	58.1	339.8	18,800*	59.2	342.2	21,300*	60.9	345.2	22,800*	62.5	347.7	23,200*	150
155	56.7	336.5	18,000*	57.9	339.0	20,600*	59.5	342.2	21,900*	61.2	344.9	22,000*	155
160	55.3	333.0	17,200*	56.5	335.6	19,900*	58.2	339.1	21,200*	59.8	341.9	20,900*	160
165	53.9	329.3	16,400*	55.1	332.1	19,200*	56.8	335.8	20,400*	58.5	338.8	19,800*	165
170	52.5	325.4	15,600*	53.7	328.4	18,500*	55.4	332.3	19,800*	57.2	335.5	18,800*	170
175	51.0	321.3	14,900*	52.2	324.4	17,900*	54.0	328.6	19,100*	55.8	332.1	17,900*	175
180	49.5	317.0	14,200*	50.8	320.3	17,100*	52.6	324.7	18,200*	54.4	328.4	17,000*	180
185	48.0	312.4	13,600*	49.3	315.9	16,400*	51.1	320.6	17,400*	52.9	324.6	16,100*	185
190	46.4	307.6	13,000*	47.7	311.3	15,600*	49.6	316.3	16,500*	51.5	320.6	15,400*	190
195	44.8	302.5	12,400*	46.1	306.5	14,900*	48.1	311.8	15,800*	50.0	316.3	14,600*	195
200	43.1	297.1	11,800*	44.5	301.3	14,200*	46.5	307.0	15,000*	48.5	311.8	13,900*	200
205	41.4	291.4	11,300*	42.8	295.9	13,600*	44.9	301.9	14,300*	46.9	307.1	13,200*	205
210	39.6	285.3	10,800*	41.1	290.1	13,000*	43.3	296.6	13,600*	45.3	302.1	12,600*	210
215	37.8	278.8	10,300*	39.3	284.0	12,400*	41.5	290.9	13,000*	43.7	296.8	12,000*	215
220	35.8	271.9	9,900*	37.4	277.4	11,800*	39.8	284.8	12,400*	42.0	291.2	11,400*	220
225	33.8	264.4	9,500*	35.5	270.4	11,300*	37.9	278.4	11,800*	40.2	285.3	10,800*	225
230	31.6	256.2	9,100*	33.4	262.8	10,800*	36.0	271.4	11,300*	38.4	278.9	10,300*	230
235	29.3	247.3	8,800*	31.2	254.5	10,400*	33.9	264.0	10,700*	36.4	272.1	9,800*	235
240	26.8	237.5	8,400*	28.9	245.5	10,000*	31.8	255.9	10,200*	34.4	264.8	9,300*	240
245	24.0	226.4	8,200*	26.3	235.5	9,600*	29.5	247.1	9,700*	32.3	256.9	8,800*	245
250	20.9	213.7	7,900*	23.5	224.2	9,200*	27.0	237.3	9,200*	30.1	248.2	8,400*	250
255	17.2	198.2	7,700*	20.4	211.0	8,900*	24.3	226.4	8,800*	27.6	238.7	7,900*	255
260	12.5	177.8	7,100*	16.6	195.0	8,600*	21.2	213.8	8,300*	24.9	228.1	7,500*	260
265				11.5	173.3	7,200*	17.6	198.7	7,900*	22.0	215.9	7,100*	265
270							12.9	178.9	7,500*	18.5	201.5	6,700*	270
275							4.3	140.9	6,000*	14.2	183.2	6,300*	275
280										7.5	154.2	5,900*	280



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	73.9	378.9	22,700*										90
95	72.7	377.3	22,200*										95
100	71.6	375.6	22,100*	72.5	376.7	25,700*							100
105	70.4	373.7	22,000*	71.4	375.0	25,500*							105
110	69.2	371.8	21,800*	70.2	373.1	25,400*							110
115	68.0	369.7	21,600*	69.0	371.2	25,200*							115
120	66.9	367.5	21,400*	67.8	369.1	25,100*	69.3	370.9	25,000*				120
125	65.7	365.2	21,300*	66.7	366.9	24,700*	68.1	368.9	24,900*				125
130	64.4	362.8	21,100*	65.5	364.5	23,700*	67.0	366.7	24,800*				130
135	63.2	360.2	20,700*	64.2	362.1	22,800*	65.8	364.4	24,300*				135
140	62.0	357.5	19,800*	63.0	359.5	21,900*	64.5	362.0	23,400*	66.0	363.9	24,100*	140
145	60.7	354.6	19,000*	61.8	356.7	21,100*	63.3	359.4	22,500*	64.8	361.5	23,800*	145
150	59.4	351.6	18,300*	60.5	353.9	20,300*	62.1	356.7	21,700*	63.6	359.0	22,800*	150
155	58.2	348.5	17,500*	59.2	350.8	19,600*	60.8	353.9	20,900*	62.4	356.3	21,600	155
160	56.8	345.2	16,800*	57.9	347.7	18,900*	59.5	350.9	20,100*	61.1	353.5	20,500	160
165	55.5	341.7	16,100*	56.6	344.3	18,200*	58.3	347.7	19,400*	59.9	350.6	19,400	165
170	54.2	338.0	15,400*	55.3	340.8	17,600*	57.0	344.4	18,800*	58.6	347.5	18,400	170
175	52.8	334.2	14,700*	53.9	337.1	17,000*	55.6	341.0	18,100*	57.3	344.2	17,500	175
180	51.4	330.1	14,100*	52.6	333.2	16,500*	54.3	337.3	17,500*	55.9	340.8	16,600	180
185	49.9	325.9	13,400*	51.1	329.2	16,000*	52.9	333.5	17,000*	54.6	337.2	15,800	185
190	48.5	321.4	12,900*	49.7	324.9	15,500*	51.5	329.5	16,200	53.2	333.4	15,000	190
195	47.0	316.7	12,300*	48.2	320.3	14,800*	50.1	325.2	15,400	51.8	329.4	14,200	195
200	45.4	311.7	11,800*	46.7	315.6	14,200*	48.6	320.8	14,600	50.4	325.2	13,500	200
205	43.9	306.5	11,300*	45.2	310.6	13,600*	47.1	316.1	13,900	49.0	320.8	12,800	205
210	42.2	300.9	10,800*	43.6	305.3	13,000*	45.6	311.1	13,300	47.5	316.2	12,200	210
215	40.5	295.0	10,300*	42.0	299.7	12,400*	44.0	305.9	12,600	45.9	311.3	11,600	215
220	38.8	288.8	9,900*	40.3	293.7	11,900*	42.4	300.4	12,000	44.4	306.1	11,000	220
225	37.0	282.1	9,500*	38.5	287.4	11,400*	40.7	294.5	11,400	42.8	300.7	10,400	225
230	35.1	274.9	9,100*	36.7	280.7	10,900*	39.0	288.3	10,900	41.1	294.9	9,900	230
235	33.1	267.3	8,700*	34.8	273.4	10,400*	37.1	281.7	10,400	39.4	288.8	9,400	235
240	31.0	258.9	8,400*	32.7	265.6	10,000*	35.2	274.6	9,800	37.6	282.2	8,900	240
245	28.7	249.8	8,100*	30.6	257.2	9,600*	33.2	266.9	9,400	35.7	275.3	8,400	245
250	26.2	239.7	7,800*	28.3	247.9	9,200*	31.1	258.6	8,900	33.7	267.7	8,000	250
255	23.5	228.4	7,600*	25.8	237.7	8,600*	28.9	249.6	8,400	31.7	259.6	7,600	255
260	20.5	215.4	7,400*	23.1	226.1	8,100*	26.5	239.6	8,000	29.4	250.8	7,100	260
265	16.9	199.6	7,000*	19.9	212.7	7,500*	23.8	228.4	7,600	27.1	241.1	6,700	265
270	12.2	178.8	5,700*	16.2	196.4	7,000*	20.8	215.5	7,100	24.4	230.2	6,300	270
275				11.2	174.2	5,700*	17.2	200.1	6,700	21.5	217.8	6,000	275
280							12.7	179.9	6,300	18.1	203.1	5,600	280
285							4.1	141.2	4,600*	13.9	184.4	5,200	285
290										7.3	154.7	4,800	290



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.4	350.6	23,200*										80
85	73.1	349.0	23,000*										85
90	71.8	347.3	22,700*	72.8	348.4	26,300*							90
95	70.4	345.5	22,500*	71.5	346.7	26,100*							95
100	69.1	343.5	22,300*	70.2	344.9	25,800*							100
105	67.8	341.4	21,900*	68.9	342.9	25,400*							105
110	66.4	339.2	21,700*	67.6	340.7	25,200*	69.2	342.7	25,200*				110
115	65.1	336.8	21,400*	66.2	338.5	24,900*	67.9	340.6	25,000*				115
120	63.7	334.2	21,200*	64.9	336.1	24,600*	66.6	338.3	24,700*				120
125	62.3	331.6	21,000*	63.5	333.5	24,300*	65.2	336.0	24,500*	66.9	337.8	24,300*	125
130	60.9	328.7	20,700*	62.1	330.8	23,800*	63.8	333.4	24,200*	65.5	335.5	24,100*	130
135	59.4	325.7	20,500*	60.6	327.9	22,700*	62.4	330.8	23,900*	64.1	333.0	23,900*	135
140	58.0	322.5	20,200*	59.2	324.9	21,800*	61.0	327.9	23,400*	62.8	330.4	23,700*	140
145	56.5	319.1	19,800*	57.7	321.7	20,900*	59.6	324.9	22,400*	61.3	327.6	23,400*	145
150	55.0	315.6	19,000*	56.2	318.3	20,000*	58.1	321.8	21,500*	59.9	324.6	22,900*	150
155	53.4	311.8	18,100*	54.7	314.7	19,200*	56.6	318.4	20,600*	58.5	321.5	22,000*	155
160	51.9	307.8	17,200*	53.2	310.8	18,500*	55.1	314.8	19,800*	57.0	318.2	21,100*	160
165	50.3	303.6	16,300*	51.6	306.8	17,800*	53.6	311.1	19,000*	55.5	314.7	20,300*	165
170	48.6	299.1	15,500*	50.0	302.6	17,100*	52.0	307.1	18,300*	53.9	311.0	19,500*	170
175	46.9	294.3	14,700*	48.3	298.0	16,500*	50.4	302.9	17,700*	52.4	307.0	18,800*	175
180	45.2	289.3	14,000*	46.6	293.2	15,900*	48.7	298.5	17,000*	50.8	302.9	18,100*	180
185	43.3	283.9	13,200*	44.9	288.1	15,400*	47.0	293.7	16,400*	49.1	298.5	17,400	185
190	41.5	278.2	12,600*	43.0	282.7	14,900*	45.3	288.7	15,900*	47.5	293.8	16,600	190
195	39.5	272.1	11,900*	41.2	276.9	14,300*	43.5	283.4	15,300*	45.7	288.9	15,800	195
200	37.5	265.5	11,400*	39.2	270.8	13,600*	41.6	277.7	14,800*	43.9	283.6	15,100	200
205	35.4	258.4	10,800*	37.2	264.1	12,900*	39.7	271.6	14,400*	42.1	278.0	14,400	205
210	33.1	250.7	10,300*	35.0	256.9	12,200*	37.7	265.1	13,900*	40.2	272.1	13,800	210
215	30.7	242.3	9,800*	32.7	249.1	11,600*	35.5	258.0	13,500*	38.2	265.6	13,200	215
220	28.1	232.9	9,400*	30.3	240.5	11,100*	33.3	250.4	13,100*	36.1	258.7	12,600	220
225	25.2	222.4	9,000*	27.6	231.0	10,600*	30.9	242.0	12,700*	33.8	251.2	12,000	225
230	21.9	210.2	8,600*	24.7	220.2	10,100*	28.3	232.7	12,300*	31.5	243.0	11,500	230
235	18.1	195.5	8,400*	21.4	207.7	9,600*	25.4	222.3	11,900	28.9	234.0	11,000	235
240	13.2	176.0	8,200*	17.4	192.4	9,300*	22.2	210.3	11,400	26.2	223.9	10,500	240
245				12.1	171.6	9,000*	18.5	195.8	10,900	23.0	212.3	10,000	245
250							13.6	176.9	10,400	19.4	198.5	9,500	250
255							4.7	141.0	9,500*	15.0	181.0	9,100	255
260										8.0	153.3	8,600	260



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 2

### 120 Ft. Boom, 180 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	73.8	359.5	22,200*										85
90	72.5	357.9	22,000*										90
95	71.3	356.1	21,800*	72.3	357.3	25,300*							95
100	70.0	354.3	21,600*	71.1	355.5	25,100*							100
105	68.8	352.3	21,400*	69.8	353.6	24,800*							105
110	67.5	350.1	21,200*	68.5	351.6	24,600*							110
115	66.2	347.9	20,900*	67.3	349.5	24,300*	68.9	351.4	24,300*				115
120	64.9	345.5	20,700*	66.0	347.2	24,000*	67.6	349.3	24,100*				120
125	63.5	342.9	20,500*	64.7	344.8	23,800*	66.3	347.0	23,900*				125
130	62.2	340.2	20,300*	63.3	342.2	22,800*	65.0	344.6	23,700*	66.6	346.5	23,500*	130
135	60.8	337.4	20,100*	62.0	339.5	21,800*	63.7	342.1	23,400*	65.3	344.2	23,300*	135
140	59.5	334.4	19,900*	60.6	336.6	20,900*	62.3	339.4	22,400*	64.0	341.7	23,100*	140
145	58.1	331.2	19,100*	59.2	333.5	20,000*	61.0	336.6	21,500*	62.6	339.0	22,900*	145
150	56.6	327.8	18,300*	57.8	330.3	19,200*	59.6	333.6	20,600*	61.3	336.2	22,000*	150
155	55.2	324.3	17,600*	56.4	327.0	18,500*	58.2	330.4	19,800*	59.9	333.3	21,100*	155
160	53.7	320.6	16,900*	55.0	323.4	17,800*	56.8	327.1	19,000*	58.5	330.2	20,200*	160
165	52.2	316.6	16,300*	53.5	319.6	17,100*	55.3	323.6	18,300*	57.1	326.9	19,500*	165
170	50.7	312.5	15,500*	52.0	315.6	16,500*	53.9	319.9	17,600*	55.7	323.4	18,700*	170
175	49.1	308.1	14,700*	50.4	311.5	15,900*	52.3	315.9	17,000*	54.2	319.7	18,000*	175
180	47.5	303.4	14,000*	48.9	307.0	15,300*	50.8	311.8	16,400*	52.7	315.8	17,400*	180
185	45.8	298.5	13,300*	47.2	302.3	14,800*	49.2	307.4	15,800*	51.2	311.8	16,800*	185
190	44.1	293.3	12,700*	45.6	297.4	14,300*	47.6	302.8	15,300*	49.6	307.4	16,100	190
195	42.4	287.7	12,000*	43.9	292.1	13,800*	46.0	297.9	14,800*	48.0	302.9	15,400	195
200	40.6	281.8	11,500*	42.1	286.5	13,400*	44.3	292.7	14,300*	46.4	298.1	14,700	200
205	38.6	275.5	10,900*	40.2	280.5	13,000*	42.5	287.2	13,800*	44.7	292.9	14,000	205
210	36.7	268.8	10,400*	38.3	274.1	12,500*	40.7	281.3	13,400*	43.0	287.5	13,300	210
215	34.6	261.5	9,900*	36.3	267.3	11,900*	38.8	275.1	13,000*	41.1	281.7	12,700	215
220	32.4	253.5	9,500*	34.2	259.9	11,300*	36.8	268.3	12,600*	39.3	275.5	12,100	220
225	30.0	244.9	9,100*	32.0	251.9	10,800*	34.8	261.1	12,200*	37.3	268.9	11,600	225
230	27.4	235.3	8,700*	29.6	243.1	10,300*	32.6	253.2	11,800*	35.3	261.8	11,000	230
235	24.6	224.5	8,400*	27.0	233.3	9,800*	30.2	244.6	11,500*	33.1	254.1	10,500	235
240	21.5	212.0	8,100*	24.1	222.2	9,400*	27.7	235.1	11,000	30.8	245.7	10,000	240
245	17.7	196.9	7,800*	20.9	209.4	9,000*	24.9	224.4	10,500	28.3	236.4	9,600	245
250	12.9	177.0	7,700*	17.0	193.8	8,700*	21.7	212.1	10,000	25.6	226.0	9,100	250
255				11.9	172.5	8,500*	18.1	197.3	9,500	22.5	214.2	8,700	255
260							13.3	178.0	9,000	19.0	200.1	8,200	260
265							4.6	141.2	7,900*	14.6	182.2	7,800	265
270										7.8	153.9	7,400	270





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	370.0	21,300*										85
90	73.3	368.4	21,200*										90
95	72.1	366.7	21,000*										95
100	70.9	365.0	20,900*	71.9	366.2	24,200*							100
105	69.6	363.0	20,700*	70.7	364.3	24,000*							105
110	68.4	361.0	20,500*	69.4	362.4	23,800*							110
115	67.2	358.8	20,300*	68.2	360.4	23,600*	69.7	362.2	23,600*				115
120	65.9	356.6	20,200*	67.0	358.2	23,400*	68.5	360.2	23,400*				120
125	64.7	354.1	20,100*	65.7	355.9	23,300*	67.3	358.0	23,100*				125
130	63.4	351.6	19,800*	64.5	353.4	22,900*	66.0	355.7	23,000*				130
135	62.1	348.9	19,600*	63.2	350.8	22,600*	64.8	353.3	22,800*	66.3	355.3	22,500*	135
140	60.8	346.0	19,400*	61.9	348.1	21,700*	63.5	350.8	22,600*	65.1	352.9	22,400*	140
145	59.5	343.0	19,300*	60.6	345.2	20,800*	62.2	348.1	22,300*	63.8	350.4	22,300*	145
150	58.1	339.9	18,500*	59.3	342.2	20,000*	60.9	345.3	21,400*	62.5	347.7	22,100*	150
155	56.8	336.5	17,600*	57.9	339.0	19,200*	59.6	342.3	20,600*	61.2	344.9	21,900*	155
160	55.4	333.0	16,800*	56.6	335.7	18,500*	58.3	339.1	19,800*	59.9	341.9	21,000*	160
165	54.0	329.3	16,100*	55.2	332.1	17,900*	56.9	335.8	19,100*	58.6	338.8	20,300*	165
170	52.5	325.4	15,400*	53.8	328.4	17,200*	55.5	332.3	18,400*	57.2	335.6	19,300*	170
175	51.1	321.3	14,600*	52.3	324.5	16,600*	54.1	328.6	17,700*	55.8	332.1	18,400*	175
180	49.6	317.0	14,000*	50.8	320.3	16,100*	52.7	324.7	17,100*	54.4	328.5	17,500*	180
185	48.1	312.4	13,300*	49.3	316.0	15,500*	51.2	320.7	16,600*	53.0	324.6	16,600*	185
190	46.5	307.6	12,700*	47.8	311.4	15,000*	49.7	316.4	16,000*	51.6	320.6	15,800*	190
195	44.9	302.6	12,100*	46.2	306.5	14,500*	48.2	311.8	15,500*	50.1	316.4	15,100*	195
200	43.2	297.2	11,500*	44.6	301.4	13,900*	46.6	307.0	15,000*	48.6	311.9	14,400*	200
205	41.5	291.4	11,000*	42.9	296.0	13,200*	45.0	302.0	14,500*	47.0	307.2	13,700*	205
210	39.7	285.4	10,500*	41.2	290.2	12,600*	43.3	296.6	14,100*	45.4	302.2	13,100*	210
215	37.8	278.9	10,000*	39.4	284.0	12,000*	41.6	290.9	13,500*	43.7	296.9	12,500*	215
220	35.9	271.9	9,600*	37.5	277.5	11,500*	39.8	284.9	12,900*	42.0	291.3	11,900*	220
225	33.8	264.4	9,200*	35.6	270.4	10,900*	38.0	278.4	12,300*	40.3	285.3	11,300*	225
230	31.7	256.3	8,800*	33.5	262.8	10,400*	36.0	271.5	11,700*	38.4	279.0	10,800*	230
235	29.4	247.4	8,400*	31.3	254.6	10,000*	34.0	264.1	11,200*	36.5	272.2	10,300*	235
240	26.9	237.6	8,100*	29.0	245.6	9,600*	31.9	256.0	10,700*	34.5	264.8	9,800*	240
245	24.1	226.5	7,800*	26.4	235.5	9,200*	29.6	247.2	10,200*	32.4	256.9	9,300*	245
250	21.0	213.7	7,600*	23.6	224.2	8,800*	27.1	237.4	9,700*	30.1	248.3	8,900*	250
255	17.3	198.4	7,400*	20.4	211.1	8,500*	24.3	226.5	9,300*	27.7	238.8	8,400*	255
260	12.6	178.0	7,200*	16.6	195.2	8,200*	21.3	213.9	8,800*	25.0	228.2	8,000*	260
265				11.6	173.4	7,800*	17.7	198.8	8,400*	22.1	216.0	7,600*	265
270							13.0	179.0	8,000*	18.6	201.7	7,200*	270
275							4.4	141.5	6,600*	14.3	183.4	6,800*	275
280										7.6	154.4	6,400*	280



# Liftcrane Fixed Jib Capacities

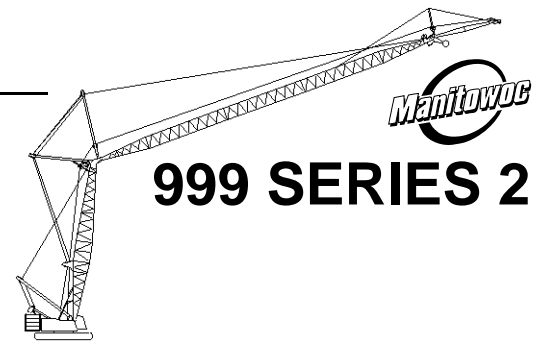
**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

## 999 SERIES 2

### 120 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	73.9	378.9	20,200*										90
95	72.8	377.3	20,100*										95
100	71.6	375.6	20,000*	72.6	376.7	23,100*							100
105	70.5	373.8	19,800*	71.4	375.0	23,000*							105
110	69.3	371.8	19,700*	70.3	373.1	22,800*							110
115	68.1	369.8	19,500*	69.1	371.2	22,700*							115
120	66.9	367.6	19,400*	67.9	369.1	22,500*	69.4	371.0	22,400*				120
125	65.7	365.3	19,200*	66.7	366.9	22,400*	68.2	368.9	22,400*				125
130	64.5	362.8	19,100*	65.5	364.6	22,200*	67.0	366.7	22,200*				130
135	63.3	360.2	19,000*	64.3	362.1	21,800*	65.8	364.4	22,100*				135
140	62.0	357.5	18,800*	63.1	359.5	21,000*	64.6	362.0	22,000*	66.1	364.0	21,600*	140
145	60.8	354.7	18,600*	61.8	356.8	20,100*	63.4	359.4	21,500*	64.9	361.6	21,400*	145
150	59.5	351.7	18,000*	60.6	353.9	19,400*	62.1	356.8	20,700*	63.7	359.0	21,400*	150
155	58.2	348.5	17,200*	59.3	350.9	18,600*	60.9	353.9	19,900*	62.4	356.4	21,100*	155
160	56.9	345.2	16,500*	58.0	347.7	17,900*	59.6	350.9	19,100*	61.2	353.6	20,300*	160
165	55.6	341.7	15,800*	56.7	344.4	17,300*	58.3	347.8	18,400*	59.9	350.6	19,600*	165
170	54.2	338.1	15,100*	55.4	340.8	16,700*	57.0	344.5	17,800*	58.6	347.5	18,800	170
175	52.9	334.2	14,500*	54.0	337.1	16,100*	55.7	341.0	17,200*	57.3	344.2	17,900	175
180	51.4	330.2	13,800*	52.6	333.3	15,600*	54.3	337.4	16,600*	56.0	340.8	17,000	180
185	50.0	325.9	13,200*	51.2	329.2	15,100*	53.0	333.5	16,000*	54.7	337.2	16,200	185
190	48.6	321.4	12,600*	49.8	324.9	14,600*	51.6	329.5	15,500*	53.3	333.4	15,400	190
195	47.1	316.7	12,000*	48.3	320.4	14,100*	50.1	325.3	15,000*	51.9	329.4	14,600	195
200	45.5	311.8	11,500*	46.8	315.6	13,700*	48.7	320.8	14,500*	50.5	325.3	13,900	200
205	43.9	306.5	11,000*	45.3	310.6	13,200*	47.2	316.1	14,100*	49.0	320.9	13,300	205
210	42.3	301.0	10,500*	43.7	305.3	12,700*	45.6	311.2	13,700*	47.5	316.2	12,600	210
215	40.6	295.1	10,000*	42.0	299.7	12,100*	44.1	305.9	13,100	46.0	311.3	12,000	215
220	38.9	288.8	9,600*	40.3	293.8	11,600*	42.4	300.4	12,500	44.4	306.2	11,400	220
225	37.1	282.1	9,200*	38.6	287.5	11,000*	40.8	294.6	11,900	42.8	300.7	10,900	225
230	35.1	275.0	8,800*	36.7	280.7	10,600*	39.0	288.3	11,300	41.2	295.0	10,300	230
235	33.1	267.3	8,400*	34.8	273.5	10,100*	37.2	281.7	10,800	39.4	288.8	9,800	235
240	31.0	259.0	8,100*	32.8	265.7	9,700*	35.3	274.6	10,300	37.6	282.3	9,300	240
245	28.8	249.9	7,800*	30.7	257.2	9,300*	33.3	267.0	9,800	35.8	275.3	8,900	245
250	26.3	239.8	7,500*	28.4	248.0	8,900*	31.2	258.7	9,300	33.8	267.8	8,400	250
255	23.6	228.5	7,300*	25.9	237.8	8,600*	29.0	249.7	8,900	31.7	259.7	8,000	255
260	20.6	215.5	7,100*	23.1	226.2	8,300*	26.5	239.7	8,400	29.5	250.9	7,600	260
265	17.0	199.8	6,900*	20.0	212.8	8,000*	23.9	228.5	8,000	27.1	241.1	7,200	265
270	12.3	179.0	6,200*	16.3	196.5	7,700*	20.8	215.6	7,600	24.5	230.3	6,800	270
275				11.3	174.3	6,300*	17.3	200.2	7,200	21.6	217.9	6,400	275
280							12.8	180.0	6,800	18.2	203.2	6,000	280
285							4.3	141.7	5,200*	14.0	184.5	5,600	285
290										7.5	155.0	5,300	290



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.5	389.3	19,200*										90
95	73.4	387.8	19,100*										95
100	72.3	386.2	19,000*										100
105	71.2	384.4	18,800*	72.1	385.6	21,900*							105
110	70.1	382.6	18,700*	71.0	383.8	21,700*							110
115	69.0	380.6	18,600*	69.9	381.9	21,600*							115
120	67.8	378.5	18,400*	68.8	379.9	21,500*							120
125	66.7	376.3	18,300*	67.6	377.8	21,400*	69.1	379.7	21,300*				125
130	65.5	373.9	18,200*	66.5	375.6	21,200*	67.9	377.6	21,200*				130
135	64.3	371.5	18,100*	65.3	373.3	20,800*	66.8	375.5	21,100*				135
140	63.2	368.9	17,900*	64.1	370.8	20,000*	65.6	373.1	21,000*				140
145	62.0	366.2	17,800*	63.0	368.2	19,200*	64.4	370.7	20,500*	65.9	372.7	20,500*	145
150	60.8	363.3	17,500*	61.8	365.4	18,400*	63.3	368.1	19,700*	64.7	370.2	20,400*	150
155	59.5	360.3	16,800*	60.6	362.6	17,700*	62.1	365.4	18,900*	63.5	367.7	20,100*	155
160	58.3	357.2	16,100*	59.3	359.5	17,100*	60.9	362.6	18,200*	62.3	365.0	19,300*	160
165	57.0	353.9	15,500*	58.1	356.4	16,500*	59.6	359.6	17,500*	61.1	362.2	18,600*	165
170	55.7	350.4	14,800*	56.8	353.0	15,900*	58.4	356.5	16,900*	59.9	359.3	17,900*	170
175	54.4	346.8	14,200*	55.5	349.6	15,300*	57.1	353.2	16,300*	58.7	356.2	17,300*	175
180	53.1	343.0	13,600*	54.2	345.9	14,800*	55.9	349.7	15,800*	57.4	352.9	16,600*	180
185	51.8	339.0	13,000*	52.9	342.1	14,300*	54.6	346.1	15,200*	56.2	349.5	15,800*	185
190	50.4	334.8	12,500*	51.6	338.0	13,800*	53.2	342.3	14,700*	54.9	345.9	15,000*	190
195	49.0	330.4	11,900*	50.2	333.8	13,400*	51.9	338.3	14,300*	53.6	342.2	14,200*	195
200	47.6	325.8	11,400*	48.8	329.4	13,000*	50.5	334.2	13,800*	52.2	338.3	13,500*	200
205	46.1	320.9	10,900*	47.3	324.7	12,600*	49.1	329.8	13,400*	50.9	334.1	12,900*	205
210	44.6	315.8	10,500*	45.9	319.8	12,200*	47.7	325.2	13,000*	49.5	329.8	12,200*	210
215	43.1	310.4	10,000*	44.4	314.6	11,800*	46.2	320.3	12,600*	48.0	325.2	11,600*	215
220	41.5	304.7	9,600*	42.8	309.2	11,500*	44.7	315.2	12,100*	46.6	320.5	11,000*	220
225	39.8	298.6	9,200*	41.2	303.4	11,100*	43.2	309.8	11,500*	45.1	315.4	10,500*	225
230	38.1	292.2	8,800*	39.5	297.3	10,600*	41.6	304.2	10,900*	43.6	310.1	10,000*	230
235	36.3	285.4	8,400*	37.8	290.8	10,200*	40.0	298.1	10,400*	42.0	304.5	9,400*	235
240	34.5	278.0	8,100*	36.0	283.9	9,700*	38.3	291.7	9,900*	40.4	298.6	9,000*	240
245	32.5	270.2	7,800*	34.1	276.5	9,300*	36.5	284.9	9,400*	38.7	292.3	8,500*	245
250	30.4	261.6	7,500*	32.2	268.5	9,000*	34.6	277.6	9,000*	36.9	285.6	8,000*	250
255	28.2	252.3	7,200*	30.1	259.9	8,600*	32.7	269.8	8,500*	35.1	278.4	7,600*	255
260	25.8	242.0	7,000*	27.8	250.4	8,200*	30.6	261.4	8,100*	33.1	270.7	7,200*	260
265	23.2	230.5	6,800*	25.4	239.9	7,700*	28.4	252.1	7,600*	31.1	262.4	6,800*	265
270	20.2	217.2	6,600*	22.7	228.1	7,200*	26.0	241.9	7,200*	28.9	253.4	6,400*	270
275	16.6	201.1	6,100*	19.6	214.5	6,700*	23.4	230.5	6,800*	26.6	243.4	6,000*	275
280	12.1	179.9	4,900*	16.0	197.8	6,200*	20.4	217.3	6,500*	24.0	232.3	5,700*	280
285				11.1	175.2	5,000*	17.0	201.6	6,100*	21.2	219.6	5,300*	285
290							12.5	181.0	5,700*	17.9	204.6	5,000*	290
295										13.7	185.6	4,600*	295
300										7.3	155.5	4,300*	300



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	361.1	18,200*										80
85	73.7	359.6	17,900*										85
90	72.4	358.0	17,700*										90
95	71.2	356.2	17,400*	72.2	357.4	20,200*							95
100	69.9	354.3	17,200*	71.0	355.6	20,000*							100
105	68.7	352.3	16,900*	69.7	353.7	19,700*							105
110	67.4	350.2	16,700*	68.4	351.7	19,400*							110
115	66.1	347.9	16,500*	67.2	349.5	19,100*	68.8	351.5	19,300*				115
120	64.8	345.5	16,300*	65.9	347.3	18,900*	67.5	349.4	19,000*				120
125	63.4	343.0	16,000*	64.5	344.8	18,600*	66.2	347.1	18,800*				125
130	62.1	340.3	15,800*	63.2	342.3	18,300*	64.9	344.7	18,500*	66.5	346.6	18,600*	130
135	60.7	337.4	15,600*	61.9	339.5	18,100*	63.6	342.2	18,300*	65.2	344.3	18,400*	135
140	59.4	334.4	15,400*	60.5	336.7	17,800*	62.2	339.5	18,000*	63.9	341.8	18,100*	140
145	58.0	331.3	15,100*	59.1	333.6	17,600*	60.9	336.7	17,800*	62.5	339.1	17,900*	145
150	56.5	327.9	15,100*	57.7	330.4	17,500*	59.5	333.7	17,500*	61.2	336.3	17,700*	150
155	55.1	324.4	14,700*	56.3	327.0	17,100*	58.1	330.5	17,300*	59.8	333.4	17,400*	155
160	53.6	320.6	14,500*	54.9	323.5	17,100*	56.7	327.2	17,000*	58.4	330.2	17,200*	160
165	52.1	316.7	14,300*	53.4	319.7	16,600*	55.2	323.7	16,800*	57.0	327.0	17,000*	165
170	50.6	312.5	14,100*	51.9	315.7	16,000*	53.7	319.9	16,700*	55.6	323.5	16,900*	170
175	49.0	308.2	13,900*	50.3	311.5	15,400*	52.2	316.0	16,300*	54.1	319.8	16,500*	175
180	47.4	303.5	13,700*	48.8	307.1	14,800*	50.7	311.9	15,900*	52.6	315.9	16,300*	180
185	45.7	298.6	13,000*	47.1	302.4	14,300*	49.1	307.5	15,300*	51.1	311.9	16,100*	185
190	44.0	293.4	12,400*	45.5	297.5	13,800*	47.5	302.9	14,700*	49.5	307.5	15,700*	190
195	42.3	287.8	11,700*	43.8	292.2	13,300*	45.9	298.0	14,200*	47.9	303.0	15,100*	195
200	40.5	281.9	11,200*	42.0	286.6	12,800*	44.2	292.8	13,700*	46.3	298.2	14,600*	200
205	38.6	275.6	10,600*	40.1	280.6	12,400*	42.4	287.3	13,200*	44.6	293.0	14,100*	205
210	36.6	268.9	10,100*	38.2	274.3	12,000*	40.6	281.4	12,800*	42.9	287.6	13,600*	210
215	34.5	261.6	9,600*	36.2	267.4	11,500*	38.7	275.2	12,400*	41.1	281.8	13,100*	215
220	32.3	253.7	9,200*	34.1	260.0	10,900*	36.7	268.4	12,000*	39.2	275.7	12,700*	220
225	29.9	245.0	8,800*	31.9	252.0	10,400*	34.7	261.2	11,600*	37.2	269.1	12,200*	225
230	27.4	235.4	8,400*	29.5	243.2	9,900*	32.5	253.3	11,200*	35.2	261.9	11,700*	230
235	24.6	224.6	8,000*	26.9	233.4	9,400*	30.1	244.8	10,900*	33.0	254.2	11,200*	235
240	21.4	212.2	7,700*	24.1	222.4	9,000*	27.6	235.3	10,500*	30.7	245.8	10,700*	240
245	17.7	197.2	7,500*	20.8	209.6	8,600*	24.8	224.6	10,200*	28.2	236.6	10,200*	245
250	12.8	177.3	7,300*	17.0	194.1	8,300*	21.7	212.3	9,900*	25.5	226.2	9,700*	250
255	2.4	133.7	7,300*	11.8	172.9	8,000*	18.0	197.6	9,700*	22.5	214.4	9,300*	255
260							13.3	178.3	9,400*	18.9	200.3	8,900*	260
265							4.7	142.4	8,800*	14.6	182.5	8,400*	265
270										7.8	154.5	8,000*	270



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.3	370.0	17,500*										85
90	73.2	368.5	17,300*										90
95	72.0	366.8	17,100*	73.0	367.9	19,800*							95
100	70.8	365.0	16,900*	71.8	366.2	19,600*							100
105	69.5	363.1	16,700*	70.6	364.4	19,300*							105
110	68.3	361.1	16,700*	69.3	362.5	19,100*							110
115	67.1	358.9	16,200*	68.1	360.4	18,900*	69.6	362.3	19,000*				115
120	65.8	356.6	16,100*	66.9	358.3	18,600*	68.4	360.2	18,700*				120
125	64.6	354.2	15,800*	65.6	356.0	18,400*	67.2	358.1	18,500*				125
130	63.3	351.7	15,600*	64.4	353.5	18,100*	65.9	355.8	18,300*				130
135	62.0	349.0	15,400*	63.1	350.9	17,900*	64.7	353.4	18,100*	66.2	355.3	18,100*	135
140	60.7	346.1	15,200*	61.8	348.2	17,700*	63.4	350.9	17,800*	65.0	353.0	17,900*	140
145	59.4	343.1	15,000*	60.5	345.3	17,400*	62.1	348.2	17,600*	63.7	350.4	17,700*	145
150	58.0	339.9	14,800*	59.2	342.3	17,200*	60.8	345.3	17,400*	62.4	347.8	17,500*	150
155	56.7	336.6	14,600*	57.8	339.1	17,100*	59.5	342.3	17,200*	61.1	345.0	17,300*	155
160	55.3	333.1	14,600*	56.5	335.7	16,700*	58.2	339.2	16,900*	59.8	342.0	17,000*	160
165	53.9	329.4	14,300*	55.1	332.2	16,000*	56.8	335.9	16,700*	58.5	338.9	16,800*	165
170	52.5	325.5	14,100*	53.7	328.5	15,400*	55.4	332.4	16,500*	57.1	335.6	16,600*	170
175	51.0	321.4	13,900*	52.2	324.6	14,800*	54.0	328.7	15,900*	55.7	332.2	16,600*	175
180	49.5	317.1	13,600*	50.7	320.4	14,300*	52.6	324.8	15,200*	54.3	328.6	16,200*	180
185	48.0	312.5	13,000*	49.2	316.1	13,700*	51.1	320.8	14,700*	52.9	324.7	15,600*	185
190	46.4	307.7	12,400*	47.7	311.5	13,200*	49.6	316.5	14,100*	51.5	320.7	15,000*	190
195	44.8	302.7	11,800*	46.1	306.6	12,800*	48.1	311.9	13,600*	50.0	316.5	14,500*	195
200	43.1	297.3	11,300*	44.5	301.5	12,300*	46.5	307.1	13,200*	48.5	312.0	14,000*	200
205	41.4	291.6	10,700*	42.8	296.1	11,900*	44.9	302.1	12,700*	46.9	307.3	13,500*	205
210	39.6	285.5	10,200*	41.1	290.3	11,500*	43.2	296.7	12,300*	45.3	302.3	13,000*	210
215	37.7	279.0	9,700*	39.3	284.1	11,200*	41.5	291.0	11,900*	43.6	297.0	12,600*	215
220	35.8	272.0	9,300*	37.4	277.6	10,800*	39.7	285.0	11,500*	41.9	291.4	12,200*	220
225	33.8	264.5	8,900*	35.5	270.5	10,500*	37.9	278.5	11,100*	40.2	285.4	11,700*	225
230	31.6	256.4	8,500*	33.4	263.0	10,100*	36.0	271.6	10,800*	38.3	279.1	11,200*	230
235	29.3	247.5	8,100*	31.2	254.7	9,600*	33.9	264.2	10,500*	36.4	272.3	10,700*	235
240	26.8	237.7	7,800*	28.9	245.7	9,200*	31.8	256.1	10,100*	34.4	265.0	10,200*	240
245	24.0	226.7	7,500*	26.3	235.7	8,800*	29.5	247.3	9,800*	32.3	257.1	9,700*	245
250	20.9	214.0	7,200*	23.6	224.4	8,400*	27.0	237.6	9,600*	30.0	248.5	9,300*	250
255	17.3	198.6	7,000*	20.4	211.3	8,100*	24.3	226.7	9,300*	27.6	239.0	8,900*	255
260	12.5	178.3	6,800*	16.6	195.4	7,800*	21.2	214.1	9,000*	25.0	228.4	8,400*	260
265	2.3	133.7	5,900*	11.6	173.8	7,600*	17.6	199.0	8,800*	22.0	216.2	8,000*	265
270							13.0	179.4	8,400*	18.5	201.9	7,600*	270
275							4.6	142.7	7,300*	14.3	183.7	7,200*	275
280										7.7	155.0	6,800*	280



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.0	380.5	17,100*										85
90	73.8	379.0	17,000*										90
95	72.7	377.4	16,800*										95
100	71.5	375.7	16,600*	72.5	376.8	19,200*							100
105	70.4	373.8	16,400*	71.3	375.1	19,000*							105
110	69.2	371.9	16,200*	70.2	373.2	18,800*							110
115	68.0	369.8	16,100*	69.0	371.3	18,500*							115
120	66.8	367.6	15,800*	67.8	369.2	18,300*	69.3	371.0	18,400*				120
125	65.6	365.3	15,600*	66.6	367.0	18,100*	68.1	369.0	18,200*				125
130	64.4	362.9	15,400*	65.4	364.6	17,900*	66.9	366.8	18,000*				130
135	63.2	360.3	15,200*	64.2	362.2	17,700*	65.7	364.5	17,800*				135
140	61.9	357.6	15,000*	63.0	359.6	17,500*	64.5	362.1	17,600*	66.0	364.0	17,600*	140
145	60.7	354.8	14,900*	61.7	356.9	17,300*	63.3	359.5	17,400*	64.8	361.6	17,400*	145
150	59.4	351.8	14,700*	60.5	354.0	17,000*	62.0	356.8	17,200*	63.6	359.1	17,200*	150
155	58.1	348.6	14,500*	59.2	351.0	16,800*	60.8	354.0	17,000*	62.3	356.4	17,000*	155
160	56.8	345.3	14,300*	57.9	347.8	16,600*	59.5	351.0	16,800*	61.1	353.6	16,800*	160
165	55.5	341.8	14,200*	56.6	344.4	16,600*	58.2	347.9	16,600*	59.8	350.7	16,600*	165
170	54.1	338.2	14,000*	55.3	340.9	16,100*	56.9	344.6	16,400*	58.5	347.6	16,500*	170
175	52.8	334.3	13,800*	53.9	337.2	15,500*	55.6	341.1	16,200*	57.2	344.3	16,300*	175
180	51.4	330.3	13,600*	52.5	333.4	14,900*	54.2	337.5	16,000*	55.9	340.9	16,100*	180
185	49.9	326.0	13,000*	51.1	329.3	14,400*	52.9	333.6	15,400*	54.6	337.3	15,900*	185
190	48.5	321.5	12,400*	49.7	325.0	13,900*	51.5	329.6	14,800*	53.2	333.5	15,700*	190
195	47.0	316.8	11,800*	48.2	320.5	13,400*	50.0	325.4	14,300*	51.8	329.5	15,200*	195
200	45.4	311.9	11,300*	46.7	315.7	13,000*	48.6	320.9	13,800*	50.4	325.4	14,500*	200
205	43.8	306.6	10,800*	45.2	310.7	12,500*	47.1	316.2	13,400*	48.9	321.0	13,800*	205
210	42.2	301.1	10,300*	43.6	305.4	12,100*	45.6	311.3	12,900*	47.5	316.3	13,200*	210
215	40.5	295.2	9,800*	41.9	299.8	11,800*	44.0	306.1	12,500*	45.9	311.4	12,600*	215
220	38.8	288.9	9,400*	40.2	293.9	11,300*	42.4	300.5	12,100*	44.4	306.3	12,000*	220
225	37.0	282.3	9,000*	38.5	287.6	10,800*	40.7	294.7	11,800*	42.7	300.8	11,500*	225
230	35.1	275.1	8,600*	36.7	280.8	10,300*	38.9	288.5	11,400*	41.1	295.1	10,900*	230
235	33.1	267.4	8,200*	34.7	273.6	9,800*	37.1	281.8	11,100*	39.4	288.9	10,400*	235
240	30.9	259.1	7,900*	32.7	265.8	9,400*	35.2	274.7	10,700*	37.6	282.4	9,900*	240
245	28.7	250.0	7,600*	30.6	257.4	9,000*	33.2	267.1	10,400*	35.7	275.4	9,500*	245
250	26.2	240.0	7,300*	28.3	248.2	8,600*	31.1	258.8	9,900*	33.7	267.9	9,000*	250
255	23.5	228.7	7,000*	25.8	237.9	8,200*	28.9	249.8	9,500*	31.6	259.8	8,600*	255
260	20.5	215.7	6,800*	23.1	226.4	7,900*	26.5	239.9	9,000*	29.4	251.0	8,200*	260
265	16.9	200.0	6,600*	20.0	213.0	7,600*	23.8	228.7	8,600*	27.1	241.3	7,800*	265
270	12.3	179.3	6,500*	16.3	196.8	7,400*	20.8	215.8	8,200*	24.4	230.4	7,400*	270
275	2.3	133.8	4,700*	11.3	174.7	7,100*	17.2	200.5	7,800*	21.5	218.1	7,000*	275
280							12.7	180.4	7,400*	18.2	203.4	6,600*	280
285							4.5	142.9	6,000*	14.0	184.8	6,300*	285
290										7.5	155.6	5,900*	290



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.4	389.4	16,500*										90
95	73.3	387.9	16,300*										95
100	72.2	386.2	16,200*										100
105	71.1	384.5	16,000*	72.0	385.7	18,500*							105
110	70.0	382.6	15,800*	70.9	383.9	18,300*							110
115	68.9	380.7	15,600*	69.8	382.0	18,200*							115
120	67.7	378.6	15,500*	68.7	380.0	18,000*							120
125	66.6	376.4	15,300*	67.5	377.9	17,700*	69.0	379.8	17,800*				125
130	65.4	374.0	15,200*	66.4	375.7	17,700*	67.8	377.7	17,600*				130
135	64.2	371.6	15,000*	65.2	373.3	17,400*	66.7	375.5	17,400*				135
140	63.1	369.0	14,800*	64.1	370.9	17,200*	65.5	373.2	17,200*	66.9	375.0	17,100*	140
145	61.9	366.3	14,600*	62.9	368.3	17,000*	64.3	370.8	17,100*	65.8	372.7	17,000*	145
150	60.7	363.4	14,500*	61.7	365.5	16,800*	63.2	368.2	16,900*	64.6	370.3	16,800*	150
155	59.4	360.4	14,300*	60.5	362.6	16,600*	62.0	365.5	16,700*	63.4	367.8	16,700*	155
160	58.2	357.3	14,200*	59.2	359.6	16,400*	60.8	362.7	16,500*	62.3	365.1	16,500*	160
165	56.9	354.0	14,000*	58.0	356.5	16,200*	59.5	359.7	16,400*	61.0	362.3	16,400*	165
170	55.7	350.5	13,900*	56.7	353.1	15,600*	58.3	356.5	16,200*	59.8	359.3	16,400*	170
175	54.4	346.9	13,800*	55.4	349.6	15,000*	57.0	353.3	16,000*	58.6	356.3	16,100*	175
180	53.0	343.1	13,400*	54.1	346.0	14,500*	55.8	349.8	15,400*	57.3	353.0	15,900*	180
185	51.7	339.1	12,800*	52.8	342.2	14,000*	54.5	346.2	14,900*	56.1	349.6	15,700*	185
190	50.3	334.9	12,300*	51.5	338.1	13,500*	53.1	342.4	14,400*	54.8	346.0	15,200*	190
195	48.9	330.5	11,800*	50.1	333.9	13,000*	51.8	338.4	13,900*	53.5	342.3	14,700*	195
200	47.5	325.9	11,200*	48.7	329.5	12,600*	50.4	334.3	13,400*	52.1	338.4	14,100	200
205	46.0	321.0	10,700*	47.3	324.8	12,200*	49.0	329.9	13,000*	50.8	334.2	13,400	205
210	44.5	315.9	10,300*	45.8	319.9	11,800*	47.6	325.3	12,500*	49.4	329.9	12,800	210
215	43.0	310.5	9,800*	44.3	314.7	11,400*	46.2	320.4	12,100*	48.0	325.3	12,100	215
220	41.4	304.8	9,400*	42.7	309.3	11,100*	44.7	315.3	11,800*	46.5	320.6	11,600	220
225	39.7	298.7	9,000*	41.1	303.5	10,700*	43.1	309.9	11,400*	45.0	315.5	11,000	225
230	38.0	292.3	8,600*	39.5	297.4	10,400*	41.5	304.3	11,100*	43.5	310.2	10,500	230
235	36.2	285.5	8,300*	37.7	290.9	9,900*	39.9	298.2	10,700*	41.9	304.6	10,000	235
240	34.4	278.2	7,900*	35.9	284.0	9,500*	38.2	291.9	10,400*	40.3	298.7	9,500	240
245	32.4	270.3	7,600*	34.1	276.6	9,100*	36.4	285.1	10,000	38.6	292.4	9,000	245
250	30.3	261.8	7,300*	32.1	268.6	8,700*	34.5	277.8	9,500	36.8	285.7	8,600	250
255	28.1	252.5	7,000*	30.0	260.0	8,400*	32.6	270.0	9,000	35.0	278.5	8,200	255
260	25.7	242.2	6,800*	27.7	250.6	8,000*	30.5	261.5	8,600	33.1	270.8	7,700	260
265	23.1	230.7	6,500*	25.3	240.1	7,700*	28.3	252.3	8,200	31.0	262.5	7,300	265
270	20.1	217.4	6,300*	22.6	228.3	7,400*	25.9	242.1	7,800	28.9	253.5	7,000	270
275	16.6	201.4	6,200*	19.6	214.7	7,200*	23.3	230.7	7,400	26.5	243.6	6,600	275
280	12.0	180.3	5,600*	15.9	198.1	7,000*	20.4	217.6	7,000	24.0	232.5	6,200	280
285				11.1	175.6	5,700*	16.9	201.9	6,600	21.1	219.8	5,900	285
290							12.5	181.4	6,300	17.8	204.9	5,500	290
295							4.4	143.2	4,700*	13.7	185.9	5,200	295
300										7.3	156.2	4,800	300



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	73.9	398.4	15,800*										95
100	72.9	396.8	15,700*										100
105	71.8	395.1	15,500*	72.7	396.2	17,900*							105
110	70.7	393.3	15,400*	71.6	394.5	17,800*							110
115	69.6	391.4	15,300*	70.6	392.7	17,700*							115
120	68.6	389.4	15,100*	69.5	390.8	17,500*							120
125	67.5	387.3	14,900*	68.4	388.8	17,300*	69.7	390.6	17,300*				125
130	66.3	385.1	14,800*	67.3	386.6	17,200*	68.6	388.6	17,200*				130
135	65.2	382.7	14,600*	66.2	384.4	17,000*	67.5	386.5	17,000*				135
140	64.1	380.2	14,500*	65.0	382.0	16,800*	66.4	384.2	16,900*				140
145	63.0	377.7	14,300*	63.9	379.5	16,600*	65.3	381.9	16,700*	66.7	383.7	16,700*	145
150	61.8	374.9	14,200*	62.8	376.9	16,500*	64.2	379.4	16,600*	65.6	381.4	16,400*	150
155	60.6	372.1	14,000*	61.6	374.2	16,300*	63.1	376.9	16,400*	64.5	379.0	16,300*	155
160	59.5	369.1	13,900*	60.4	371.3	16,100*	61.9	374.2	16,200*	63.3	376.4	16,200*	160
165	58.3	366.0	13,800*	59.3	368.3	15,400*	60.7	371.3	16,100*	62.2	373.8	16,200*	165
170	57.0	362.7	13,700*	58.1	365.1	14,800*	59.6	368.3	15,800*	61.0	371.0	15,900*	170
175	55.8	359.2	13,500*	56.8	361.8	14,300*	58.4	365.2	15,200*	59.8	368.0	15,800*	175
180	54.6	355.6	13,100*	55.6	358.4	13,800*	57.1	361.9	14,700*	58.6	364.9	15,600*	180
185	53.3	351.9	12,600*	54.4	354.7	13,300*	55.9	358.5	14,200*	57.4	361.7	15,000*	185
190	52.0	347.9	12,100*	53.1	350.9	12,800*	54.7	354.9	13,700*	56.2	358.3	14,500*	190
195	50.7	343.8	11,600*	51.8	347.0	12,400*	53.4	351.2	13,200*	55.0	354.8	14,000*	195
200	49.4	339.5	11,100*	50.5	342.8	12,000*	52.1	347.2	12,700*	53.7	351.0	13,500*	200
205	48.0	334.9	10,700*	49.1	338.4	11,600*	50.8	343.1	12,300*	52.4	347.2	13,000*	205
210	46.6	330.1	10,200*	47.8	333.8	11,200*	49.5	338.8	11,900*	51.1	343.1	12,400*	210
215	45.1	325.1	9,800*	46.3	329.0	10,800*	48.1	334.3	11,500*	49.8	338.8	11,800*	215
220	43.7	319.9	9,400*	44.9	324.0	10,500*	46.7	329.5	11,200*	48.4	334.3	11,200*	220
225	42.2	314.3	9,000*	43.4	318.7	10,200*	45.3	324.5	10,800*	47.0	329.6	10,600*	225
230	40.6	308.4	8,600*	41.9	313.1	9,900*	43.8	319.3	10,500*	45.6	324.7	10,100*	230
235	39.0	302.2	8,300*	40.3	307.1	9,600*	42.3	313.8	10,200*	44.2	319.5	9,600*	235
240	37.3	295.6	7,900*	38.7	300.9	9,300*	40.7	307.9	9,900*	42.7	314.1	9,100*	240
245	35.6	288.6	7,600*	37.0	294.2	9,000*	39.1	301.7	9,600*	41.1	308.3	8,600*	245
250	33.7	281.1	7,300*	35.3	287.1	8,800*	37.4	295.2	9,100*	39.5	302.2	8,200*	250
255	31.8	273.1	7,000*	33.4	279.5	8,400*	35.7	288.2	8,700*	37.9	295.7	7,800*	255
260	29.8	264.4	6,800*	31.5	271.4	8,100*	33.9	280.8	8,200*	36.1	288.9	7,400*	260
265	27.6	254.9	6,500*	29.4	262.6	7,800*	32.0	272.8	7,800*	34.3	281.5	7,000*	265
270	25.2	244.4	6,300*	27.2	252.9	7,400*	30.0	264.1	7,400*	32.4	273.7	6,600*	270
275	22.7	232.6	6,100*	24.8	242.2	6,900*	27.8	254.7	7,000*	30.4	265.2	6,200*	275
280	19.7	219.0	5,900*	22.2	230.2	6,500*	25.4	244.3	6,700*	28.3	256.0	5,900*	280
285	16.3	202.7	5,400*	19.2	216.3	6,000*	22.9	232.6	6,300*	26.0	245.8	5,500*	285
290	11.8	181.3	4,300*	15.6	199.4	5,600*	20.0	219.3	5,900*	23.5	234.5	5,200*	290
295				10.9	176.5	4,400*	16.6	203.3	5,600*	20.7	221.6	4,800*	295
300							12.2	182.4	5,200*	17.5	206.4	4,500*	300
305										13.4	187.0	4,200*	305





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	370.1	14,100*										85
90	72.9	368.6	13,900*										90
95	71.7	366.9	13,700*	72.7	368.0	15,800*							95
100	70.5	365.1	13,500*	71.5	366.3	15,600*							100
105	69.3	363.2	13,300*	70.3	364.5	15,400*							105
110	68.1	361.2	13,000*	69.1	362.6	15,100*							110
115	66.8	359.0	12,800*	67.9	360.5	14,900*	69.4	362.3	15,100*				115
120	65.6	356.7	12,600*	66.6	358.3	14,700*	68.2	360.3	14,800*				120
125	64.3	354.3	12,400*	65.4	356.0	14,400*	66.9	358.2	14,600*				125
130	63.0	351.7	12,300*	64.1	353.6	14,200*	65.7	355.9	14,400*				130
135	61.8	349.0	12,100*	62.8	351.0	14,000*	64.4	353.5	14,200*	66.0	355.4	14,300*	135
140	60.5	346.2	11,900*	61.5	348.3	13,800*	63.2	350.9	13,900*	64.7	353.0	14,000*	140
145	59.1	343.2	11,700*	60.2	345.4	13,600*	61.9	348.3	13,700*	63.5	350.5	13,900*	145
150	57.8	340.0	11,500*	58.9	342.4	13,400*	60.6	345.4	13,600*	62.2	347.9	13,700*	150
155	56.4	336.7	11,500*	57.6	339.2	13,200*	59.2	342.4	13,300*	60.9	345.1	13,600*	155
160	55.0	333.2	11,200*	56.2	335.8	13,000*	57.9	339.3	13,100*	59.6	342.1	13,200*	160
165	53.6	329.5	11,000*	54.8	332.3	12,800*	56.5	336.0	13,000*	58.2	339.0	13,100*	165
170	52.2	325.6	10,900*	53.4	328.6	12,600*	55.2	332.5	12,700*	56.9	335.7	12,900*	170
175	50.7	321.5	10,700*	52.0	324.7	12,500*	53.8	328.8	12,600*	55.5	332.3	12,700*	175
180	49.2	317.2	10,600*	50.5	320.5	12,200*	52.3	324.9	12,400*	54.1	328.7	12,500*	180
185	47.7	312.7	10,400*	49.0	316.2	12,100*	50.9	320.9	12,200*	52.7	324.8	12,300*	185
190	46.1	307.8	10,400*	47.4	311.6	11,900*	49.4	316.6	12,000*	51.2	320.8	12,300*	190
195	44.5	302.8	10,100*	45.9	306.7	11,700*	47.8	312.0	11,900*	49.7	316.6	12,000*	195
200	42.9	297.4	10,000*	44.2	301.6	11,600*	46.3	307.2	11,700*	48.2	312.1	11,900*	200
205	41.1	291.7	9,900*	42.6	296.2	11,400*	44.7	302.2	11,600*	46.6	307.4	11,700*	205
210	39.3	285.6	9,800*	40.8	290.4	11,100*	43.0	296.8	11,400*	45.0	302.4	11,600*	210
215	37.5	279.1	9,500*	39.0	284.3	10,700*	41.3	291.2	11,300*	43.4	297.1	11,400*	215
220	35.6	272.2	9,100*	37.2	277.7	10,400*	39.5	285.1	11,100*	41.7	291.5	11,300*	220
225	33.5	264.7	8,600*	35.2	270.7	10,000*	37.7	278.7	10,700*	39.9	285.5	11,100*	225
230	31.4	256.6	8,200*	33.2	263.1	9,700*	35.7	271.8	10,300*	38.1	279.2	11,000*	230
235	29.0	247.7	7,900*	31.0	254.9	9,300*	33.7	264.3	10,000*	36.2	272.4	10,600*	235
240	26.6	237.9	7,500*	28.6	245.9	8,800*	31.5	256.3	9,700*	34.2	265.1	10,300*	240
245	23.8	226.9	7,200*	26.1	235.9	8,400*	29.2	247.5	9,300*	32.1	257.2	9,900*	245
250	20.7	214.2	6,900*	23.3	224.6	8,100*	26.8	237.8	9,000*	29.8	248.6	9,600*	250
255	17.1	198.9	6,700*	20.2	211.6	7,700*	24.0	226.9	8,800*	27.4	239.1	9,300*	255
260	12.4	178.7	6,500*	16.4	195.7	7,400*	21.0	214.3	8,500*	24.7	228.5	8,900	260
265	2.7	136.5	6,500*	11.4	174.2	7,200*	17.4	199.3	8,200*	21.8	216.5	8,500	265
270							12.8	179.7	8,000*	18.3	202.1	8,100	270
275							4.6	143.9	7,800*	14.1	184.0	7,700	275
280										7.5	155.7	7,300	280



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	380.5	13,900*										85
90	73.6	379.1	13,700*										90
95	72.4	377.5	13,500*										95
100	71.3	375.7	13,300*	72.2	376.9	15,400*							100
105	70.1	373.9	13,100*	71.1	375.2	15,200*							105
110	68.9	372.0	12,900*	69.9	373.3	15,000*							110
115	67.8	369.9	12,700*	68.7	371.3	14,700*							115
120	66.6	367.7	12,500*	67.6	369.3	14,500*	69.0	371.1	14,700*				120
125	65.4	365.4	12,400*	66.4	367.1	14,300*	67.9	369.1	14,500*				125
130	64.2	363.0	12,200*	65.2	364.7	14,100*	66.7	366.9	14,300*				130
135	62.9	360.4	12,000*	64.0	362.3	13,900*	65.5	364.6	14,100*	67.0	366.4	14,200*	135
140	61.7	357.7	11,800*	62.7	359.7	13,700*	64.3	362.2	13,900*	65.8	364.1	13,900*	140
145	60.4	354.9	11,700*	61.5	356.9	13,500*	63.0	359.6	13,600*	64.5	361.7	13,700*	145
150	59.2	351.9	11,500*	60.2	354.1	13,300*	61.8	356.9	13,500*	63.3	359.2	13,600*	150
155	57.9	348.7	11,300*	59.0	351.1	13,100*	60.5	354.1	13,300*	62.1	356.5	13,400*	155
160	56.6	345.4	11,200*	57.7	347.9	12,900*	59.3	351.1	13,200*	60.8	353.7	13,200*	160
165	55.2	341.9	11,000*	56.3	344.5	12,700*	58.0	348.0	12,900*	59.6	350.8	13,100*	165
170	53.9	338.3	10,900*	55.0	341.0	12,700*	56.7	344.7	12,700*	58.3	347.7	12,800*	170
175	52.5	334.4	10,700*	53.7	337.3	12,400*	55.4	341.2	12,500*	57.0	344.4	12,800*	175
180	51.1	330.4	10,500*	52.3	333.5	12,200*	54.0	337.5	12,300*	55.7	341.0	12,500*	180
185	49.7	326.1	10,400*	50.9	329.4	12,000*	52.6	333.7	12,200*	54.3	337.4	12,300*	185
190	48.2	321.6	10,300*	49.4	325.1	11,900*	51.2	329.7	12,000*	53.0	333.6	12,100*	190
195	46.7	316.9	10,100*	48.0	320.6	11,700*	49.8	325.5	11,900*	51.6	329.6	12,100*	195
200	45.2	312.0	10,000*	46.5	315.8	11,500*	48.3	321.0	11,700*	50.1	325.5	11,800*	200
205	43.6	306.7	9,900*	44.9	310.8	11,100*	46.8	316.3	11,600*	48.7	321.1	11,700*	205
210	42.0	301.2	9,700*	43.3	305.5	10,700*	45.3	311.4	11,400*	47.2	316.4	11,500*	210
215	40.3	295.3	9,600*	41.7	299.9	10,300*	43.7	306.2	11,100*	45.7	311.5	11,400*	215
220	38.5	289.1	9,200*	40.0	294.0	10,000*	42.1	300.6	10,700*	44.1	306.4	11,200*	220
225	36.7	282.4	8,800*	38.3	287.7	9,600*	40.4	294.8	10,300*	42.5	301.0	11,000*	225
230	34.8	275.3	8,400*	36.4	281.0	9,300*	38.7	288.6	9,900*	40.8	295.2	10,600*	230
235	32.8	267.6	8,000*	34.5	273.7	9,000*	36.9	282.0	9,600*	39.1	289.1	10,200*	235
240	30.7	259.3	7,700*	32.5	266.0	8,700*	35.0	274.9	9,300*	37.3	282.5	9,900*	240
245	28.5	250.2	7,300*	30.4	257.6	8,400*	33.0	267.2	9,000*	35.5	275.6	9,600*	245
250	26.0	240.2	7,000*	28.1	248.3	8,200*	30.9	259.0	8,700*	33.5	268.1	9,200*	250
255	23.3	228.9	6,800*	25.6	238.1	7,900*	28.7	250.0	8,400*	31.4	260.0	8,900*	255
260	20.3	215.9	6,500*	22.9	226.6	7,600*	26.2	240.0	8,200*	29.2	251.2	8,400	260
265	16.7	200.3	6,300*	19.8	213.3	7,300*	23.6	228.9	7,900*	26.8	241.5	8,000	265
270	12.1	179.7	6,200*	16.1	197.1	7,000*	20.6	216.1	7,700*	24.2	230.6	7,700	270
275	2.6	136.6	5,200*	11.2	175.2	6,800*	17.0	200.7	7,500*	21.3	218.3	7,300	275
280							12.6	180.8	7,200*	18.0	203.7	6,900	280
285							4.5	144.2	6,400*	13.8	185.2	6,600	285
290										7.4	156.3	6,200	290



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.2	389.5	13,500*										90
95	73.1	388.0	13,300*										95
100	72.0	386.3	13,100*	72.9	387.4	15,200*							100
105	70.9	384.6	13,000*	71.8	385.7	15,000*							105
110	69.7	382.7	12,800*	70.7	384.0	14,800*							110
115	68.6	380.7	12,600*	69.6	382.1	14,600*							115
120	67.5	378.7	12,400*	68.4	380.1	14,400*	69.8	381.9	14,500*				120
125	66.3	376.4	12,300*	67.3	378.0	14,200*	68.7	379.9	14,300*				125
130	65.2	374.1	12,100*	66.1	375.8	14,000*	67.6	377.8	14,100*				130
135	64.0	371.7	11,900*	65.0	373.4	13,800*	66.4	375.6	13,900*				135
140	62.8	369.1	11,800*	63.8	370.9	13,600*	65.3	373.3	13,700*	66.7	375.1	13,800*	140
145	61.6	366.4	11,600*	62.6	368.3	13,400*	64.1	370.9	13,500*	65.5	372.8	13,600*	145
150	60.4	363.5	11,400*	61.4	365.6	13,200*	62.9	368.3	13,400*	64.4	370.4	13,400*	150
155	59.2	360.5	11,300*	60.2	362.7	13,000*	61.7	365.6	13,200*	63.2	367.9	13,300*	155
160	58.0	357.4	11,100*	59.0	359.7	13,000*	60.5	362.7	13,100*	62.0	365.2	13,100*	160
165	56.7	354.1	11,000*	57.7	356.5	12,700*	59.3	359.8	12,800*	60.8	362.4	13,000*	165
170	55.4	350.6	10,800*	56.5	353.2	12,500*	58.1	356.6	12,600*	59.6	359.4	12,800*	170
175	54.1	347.0	10,700*	55.2	349.7	12,300*	56.8	353.3	12,600*	58.4	356.3	12,600*	175
180	52.8	343.2	10,500*	53.9	346.1	12,200*	55.5	349.9	12,400*	57.1	353.1	12,500*	180
185	51.5	339.2	10,500*	52.6	342.3	12,000*	54.2	346.3	12,200*	55.8	349.7	12,300*	185
190	50.1	335.0	10,200*	51.2	338.2	11,800*	52.9	342.5	12,000*	54.5	346.1	12,100*	190
195	48.7	330.6	10,100*	49.9	334.0	11,700*	51.6	338.5	11,800*	53.2	342.4	11,900*	195
200	47.3	326.0	10,000*	48.5	329.6	11,600*	50.2	334.4	11,700*	51.9	338.5	11,800*	200
205	45.8	321.1	9,800*	47.0	324.9	11,400*	48.8	330.0	11,500*	50.5	334.3	11,600*	205
210	44.3	316.0	9,700*	45.6	320.0	11,300*	47.4	325.4	11,500*	49.1	330.0	11,500*	210
215	42.7	310.6	9,600*	44.0	314.8	10,900*	45.9	320.5	11,200*	47.7	325.5	11,300*	215
220	41.2	304.9	9,300*	42.5	309.4	10,500*	44.4	315.4	11,200*	46.3	320.7	11,200*	220
225	39.5	298.9	8,900*	40.9	303.6	10,200*	42.9	310.1	10,900*	44.8	315.6	11,100*	225
230	37.8	292.4	8,500*	39.2	297.5	9,900*	41.3	304.4	10,500*	43.3	310.3	10,900*	230
235	36.0	285.6	8,100*	37.5	291.1	9,500*	39.6	298.4	10,200*	41.7	304.7	10,400*	235
240	34.2	278.3	7,800*	35.7	284.1	9,200*	37.9	292.0	9,900*	40.0	298.8	9,900*	240
245	32.2	270.4	7,400*	33.8	276.8	8,800*	36.2	285.2	9,500*	38.4	292.5	9,500*	245
250	30.1	261.9	7,100*	31.9	268.8	8,400*	34.3	277.9	9,200*	36.6	285.8	9,000*	250
255	27.9	252.6	6,800*	29.8	260.2	8,100*	32.4	270.1	9,000*	34.8	278.7	8,600*	255
260	25.5	242.4	6,600*	27.5	250.7	7,700*	30.3	261.7	8,700*	32.8	271.0	8,200*	260
265	22.9	230.9	6,300*	25.1	240.3	7,400*	28.1	252.4	8,400*	30.8	262.7	7,800*	265
270	19.9	217.6	6,100*	22.4	228.5	7,100*	25.7	242.3	8,200*	28.6	253.7	7,400*	270
275	16.4	201.7	6,000*	19.4	214.9	6,900*	23.1	230.9	7,800*	26.3	243.8	7,000*	275
280	11.9	180.7	5,800*	15.7	198.4	6,600*	20.2	217.8	7,500*	23.8	232.7	6,700*	280
285	2.6	136.8	4,000*	10.9	176.1	6,200*	16.7	202.2	7,100*	20.9	220.1	6,300*	285
290							12.3	181.8	6,700*	17.6	205.2	6,000*	290
295							4.4	144.5	5,300*	13.5	186.3	5,600*	295
300										7.2	156.9	5,300*	300



# Liftcrane Fixed Jib Capacities

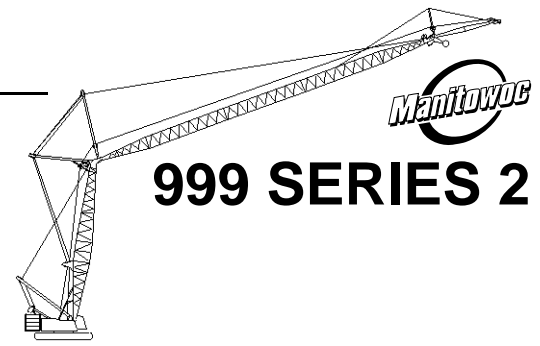
## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 120 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	74.8	399.9	13,200*										90
95	73.7	398.4	13,100*										95
100	72.6	396.9	12,900*										100
105	71.6	395.2	12,800*	72.5	396.3	14,700*							105
110	70.5	393.4	12,600*	71.4	394.6	14,600*							110
115	69.4	391.5	12,400*	70.3	392.8	14,400*							115
120	68.3	389.5	12,300*	69.2	390.9	14,200*							120
125	67.2	387.4	12,100*	68.1	388.9	14,000*	69.5	390.6	14,100*				125
130	66.1	385.2	12,000*	67.0	386.7	13,800*	68.4	388.7	13,900*				130
135	65.0	382.8	11,800*	65.9	384.5	13,600*	67.3	386.5	13,700*				135
140	63.9	380.3	11,700*	64.8	382.1	13,500*	66.2	384.3	13,600*				140
145	62.7	377.7	11,500*	63.7	379.6	13,300*	65.1	382.0	13,400*	66.5	383.8	13,500*	145
150	61.6	375.0	11,300*	62.5	377.0	13,100*	64.0	379.5	13,200*	65.4	381.5	13,200*	150
155	60.4	372.2	11,200*	61.4	374.3	12,900*	62.8	377.0	13,000*	64.2	379.1	13,200*	155
160	59.2	369.2	11,000*	60.2	371.4	12,900*	61.7	374.2	12,900*	63.1	376.5	12,900*	160
165	58.0	366.0	10,900*	59.0	368.4	12,600*	60.5	371.4	12,700*	61.9	373.9	12,900*	165
170	56.8	362.8	10,800*	57.8	365.2	12,400*	59.3	368.4	12,600*	60.8	371.0	12,600*	170
175	55.6	359.3	10,600*	56.6	361.9	12,200*	58.1	365.3	12,400*	59.6	368.1	12,500*	175
180	54.3	355.7	10,500*	55.4	358.5	12,100*	56.9	362.0	12,300*	58.4	365.0	12,400*	180
185	53.1	352.0	10,400*	54.1	354.8	12,000*	55.7	358.6	12,200*	57.2	361.8	12,200*	185
190	51.8	348.0	10,200*	52.9	351.0	11,800*	54.4	355.0	12,100*	56.0	358.4	12,000*	190
195	50.5	343.9	10,100*	51.6	347.1	11,700*	53.2	351.3	11,800*	54.7	354.9	11,800*	195
200	49.1	339.6	10,000*	50.2	342.9	11,500*	51.9	347.3	11,600*	53.5	351.1	11,800*	200
205	47.8	335.0	9,900*	48.9	338.5	11,400*	50.6	343.2	11,600*	52.2	347.3	11,600*	205
210	46.4	330.2	9,700*	47.5	334.0	11,000*	49.2	338.9	11,300*	50.9	343.2	11,500*	210
215	44.9	325.2	9,600*	46.1	329.1	10,600*	47.9	334.4	11,200*	49.6	338.9	11,300*	215
220	43.4	320.0	9,300*	44.7	324.1	10,200*	46.5	329.6	10,900*	48.2	334.4	11,200*	220
225	41.9	314.4	8,900*	43.2	318.8	9,900*	45.0	324.7	10,600*	46.8	329.8	11,000	225
230	40.4	308.6	8,500*	41.7	313.2	9,600*	43.6	319.4	10,200*	45.4	324.8	10,400	230
235	38.8	302.3	8,200*	40.1	307.3	9,300*	42.1	313.9	9,900*	43.9	319.6	9,900	235
240	37.1	295.8	7,800*	38.5	301.0	9,000*	40.5	308.0	9,600*	42.4	314.2	9,500	240
245	35.3	288.8	7,500*	36.8	294.3	8,700*	38.9	301.9	9,300*	40.9	308.4	9,000	245
250	33.5	281.3	7,200*	35.0	287.3	8,400*	37.2	295.3	9,000*	39.3	302.3	8,600	250
255	31.6	273.2	6,900*	33.2	279.7	8,200*	35.5	288.4	8,700*	37.6	295.9	8,100	255
260	29.6	264.5	6,600*	31.3	271.5	7,800*	33.7	280.9	8,400*	35.9	289.0	7,700	260
265	27.4	255.0	6,400*	29.2	262.7	7,500*	31.8	272.9	8,200*	34.1	281.7	7,300	265
270	25.0	244.6	6,100*	27.0	253.1	7,200*	29.7	264.3	7,800*	32.2	273.8	7,000	270
275	22.5	232.8	5,900*	24.6	242.4	6,900*	27.6	254.9	7,400	30.2	265.4	6,600	275
280	19.5	219.3	5,800*	22.0	230.4	6,700*	25.2	244.5	7,000	28.1	256.1	6,200	280
285	16.1	203.0	5,600*	19.0	216.5	6,500*	22.7	232.8	6,700	25.8	246.0	5,900	285
290	11.6	181.7	4,800*	15.4	199.7	6,000*	19.8	219.5	6,300	23.3	234.7	5,600	290
295				10.7	176.9	4,900*	16.4	203.5	6,000	20.5	221.8	5,200	295
300							12.1	182.8	5,600	17.3	206.6	4,900	300
305							4.3	144.8	4,000*	13.2	187.4	4,600	305
310										7.1	157.4	4,300	310



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
95	74.3	408.9	12,800*							95
100	73.3	407.4	12,600*							100
105	72.2	405.7	12,500*							105
110	71.2	404.0	12,400*	72.1	405.2	14,300*				110
115	70.1	402.2	12,200*	71.0	403.4	14,100*				115
120	69.1	400.3	12,100*	70.0	401.6	14,000*				120
125	68.0	398.2	11,900*	68.9	399.7	13,800*				125
130	67.0	396.1	11,800*	67.9	397.6	13,700*	69.2	399.4	13,700*	130
135	65.9	393.9	11,600*	66.8	395.5	13,400*	68.1	397.4	13,500*	135
140	64.8	391.5	11,500*	65.7	393.2	13,300*	67.1	395.3	13,400*	140
145	63.7	389.0	11,400*	64.6	390.8	13,100*	66.0	393.0	13,300*	145
150	62.6	386.4	11,200*	63.6	388.3	12,900*	64.9	390.7	13,000*	150
155	61.5	383.7	11,100*	62.4	385.7	12,800*	63.8	388.2	13,000*	155
160	60.4	380.8	10,900*	61.3	382.9	12,600*	62.7	385.6	12,700*	160
165	59.2	377.8	10,800*	60.2	380.1	12,500*	61.6	382.9	12,600*	165
170	58.1	374.7	10,700*	59.1	377.0	12,300*	60.5	380.1	12,500*	170
175	56.9	371.5	10,600*	57.9	373.9	12,200*	59.3	377.1	12,400*	175
180	55.7	368.0	10,400*	56.7	370.6	12,000*	58.2	374.0	12,200*	180
185	54.5	364.5	10,300*	55.5	367.2	11,900*	57.0	370.7	12,000*	185
190	53.3	360.7	10,300*	54.3	363.6	11,700*	55.8	367.3	11,800*	190
195	52.1	356.8	10,100*	53.1	359.8	11,600*	54.6	363.8	11,800*	195
200	50.8	352.8	10,000*	51.9	355.9	11,200*	53.4	360.0	11,600*	200
205	49.5	348.5	9,800*	50.6	351.8	10,800*	52.2	356.2	11,500*	205
210	48.2	344.0	9,700*	49.3	347.5	10,400*	50.9	352.1	11,100*	210
215	46.9	339.3	9,600*	48.0	343.0	10,000*	49.6	347.8	10,700*	215
220	45.5	334.4	9,300*	46.7	338.2	9,700*	48.3	343.4	10,300*	220
225	44.1	329.3	8,900*	45.3	333.3	9,400*	47.0	338.7	10,000*	225
230	42.7	323.8	8,500*	43.9	328.1	9,100*	45.6	333.8	9,700*	230
235	41.2	318.1	8,200*	42.4	322.6	8,800*	44.2	328.7	9,300*	235
240	39.6	312.1	7,800*	40.9	316.9	8,500*	42.8	323.3	9,000*	240
245	38.1	305.8	7,500*	39.4	310.8	8,200*	41.3	317.6	8,800*	245
250	36.4	299.0	7,200*	37.8	304.4	8,000*	39.8	311.6	8,500*	250
255	34.7	291.8	6,900*	36.1	297.6	7,700*	38.2	305.3	8,200*	255
260	32.9	284.2	6,700*	34.4	290.3	7,500*	36.6	298.6	8,000*	260
265	31.0	276.0	6,400*	32.6	282.6	7,300*	34.8	291.5	7,700*	265
270	29.0	267.1	6,200*	30.7	274.3	7,000*	33.1	283.8	7,400*	270
275	26.9	257.4	6,000*	28.7	265.2	6,800*	31.2	275.7	7,000*	275
280	24.6	246.7	5,800*	26.5	255.4	6,500*	29.2	266.8	6,700*	280
285	22.0	234.7	5,600*	24.2	244.5	6,100*	27.1	257.2	6,300*	285
290	19.2	220.9	5,300*	21.6	232.3	5,600*	24.8	246.6	6,000*	290
295		204.4	4,600*	18.7	218.1	5,200*	22.3	234.8	5,600*	295
300				15.2	201.0	4,700*	19.4	221.2	5,300*	300
305							16.1	204.9	4,900*	305
310							11.9	183.8	4,400*	310



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.2	362.5	33,900*										70
75	72.8	361.0	33,300*										75
80	71.3	359.3	33,000*	72.9	360.8	39,600*							80
85	69.8	357.4	32,500*	71.4	359.1	39,400*							85
90	68.2	355.5	31,800*	69.9	357.3	38,400*							90
95	66.7	353.3	31,200*	68.4	355.3	36,900*							95
100	65.2	351.0	29,800*	66.9	353.2	35,300*	69.4	355.7	38,600*				100
105	63.6	348.6	28,300*	65.3	350.9	33,700*	67.9	353.7	38,500*				105
110	62.0	345.9	26,800*	63.8	348.5	32,200*	66.4	351.5	38,300*				110
115	60.4	343.1	25,400*	62.2	345.9	30,700*	64.8	349.2	36,400				115
120	58.7	340.1	24,100*	60.5	343.1	29,100*	63.2	346.7	34,300	65.8	349.4	31,700	120
125	57.0	336.9	22,800*	58.9	340.1	27,700*	61.6	344.0	32,300	64.3	347.0	29,800	125
130	55.3	333.4	21,600*	57.2	336.9	26,200*	60.0	341.2	30,500	62.7	344.4	28,100	130
135	53.6	329.8	20,400*	55.5	333.5	24,800*	58.3	338.1	28,800	61.1	341.7	26,500	135
140	51.8	325.9	19,300*	53.8	329.8	23,500*	56.7	334.8	27,300	59.4	338.8	25,100	140
145	49.9	321.7	18,200*	52.0	326.0	22,300*	54.9	331.4	25,900	57.8	335.6	23,700	145
150	48.0	317.3	17,200*	50.1	321.8	21,100*	53.2	327.7	24,500	56.1	332.3	22,500	150
155	46.1	312.5	16,300*	48.3	317.4	20,000*	51.4	323.7	23,300	54.3	328.7	21,300	155
160	44.1	307.4	15,500*	46.3	312.7	18,900*	49.5	319.5	22,100	52.6	325.0	20,200	160
165	42.0	302.0	14,700*	44.3	307.7	17,900*	47.6	315.0	21,100	50.7	320.9	19,200	165
170	39.8	296.1	13,900*	42.2	302.2	16,900*	45.7	310.1	20,100	48.9	316.6	18,300	170
175	37.5	289.7	13,200*	40.0	296.4	16,000*	43.6	305.0	19,100	46.9	312.0	17,400	175
180	35.1	282.7	12,600*	37.8	290.0	15,200*	41.5	299.4	18,200	45.0	307.0	16,500	180
185	32.5	275.0	12,000*	35.4	283.2	14,500*	39.3	293.4	17,300	42.9	301.7	15,700	185
190	29.7	266.5	11,500*	32.8	275.6	13,800*	37.0	286.9	16,500	40.8	296.0	15,000	190
195	26.7	257.0	11,100*	30.0	267.2	13,100*	34.5	279.8	15,800	38.5	289.8	14,200	195
200	23.2	245.9	10,700*	27.0	257.8	12,500*	31.9	272.0	15,100	36.1	283.1	13,600	200
205	19.2	232.6	10,300*	23.6	246.9	12,000*	29.1	263.3	14,400	33.6	275.8	12,900	205
210	14.1	215.2	10,100*	19.7	233.9	11,600*	25.9	253.4	13,700	30.9	267.7	12,300	210
215	4.9	183.2	10,100*	14.8	217.2	11,300*	22.4	241.9	13,100	28.0	258.6	11,700	215
220				6.7	189.2	11,200*	18.2	227.9	12,400	24.8	248.3	11,100	220
225							12.7	209.1	11,800	21.0	236.1	10,600	225
230										16.5	220.8	10,100	230
235										10.1	198.6	9,500	235



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.0	372.9	31,500*										70
75	73.6	371.4	30,900*										75
80	72.2	369.8	30,600*										80
85	70.8	368.1	30,300*	72.3	369.7	36,400*							85
90	69.3	366.2	29,900*	70.9	367.9	35,900*							90
95	67.9	364.2	29,300*	69.5	366.1	35,100*							95
100	66.4	362.0	28,700*	68.0	364.1	33,700*							100
105	64.9	359.7	27,300*	66.6	361.9	32,400*	69.0	364.5	35,400*				105
110	63.4	357.2	26,000*	65.1	359.6	31,000*	67.5	362.5	35,300*				110
115	61.9	354.6	24,700*	63.6	357.2	29,600*	66.1	360.3	35,200*				115
120	60.3	351.8	23,500*	62.1	354.5	28,300*	64.6	357.9	33,800				120
125	58.8	348.7	22,300*	60.5	351.7	26,900*	63.1	355.4	31,800	65.6	358.1	29,300	125
130	57.2	345.5	21,100*	58.9	348.7	25,600*	61.5	352.7	30,000	64.1	355.7	27,600	130
135	55.5	342.1	20,100*	57.4	345.6	24,400*	60.0	349.8	28,300	62.5	353.1	26,000	135
140	53.9	338.5	19,000*	55.7	342.2	23,200*	58.4	346.8	26,800	61.0	350.4	24,600	140
145	52.2	334.7	18,000*	54.1	338.6	22,000*	56.8	343.5	25,400	59.5	347.4	23,200	145
150	50.4	330.6	17,100*	52.4	334.8	20,900*	55.2	340.1	24,100	57.9	344.3	22,000	150
155	48.7	326.2	16,200*	50.6	330.7	19,800*	53.5	336.4	22,800	56.2	341.0	20,800	155
160	46.8	321.6	15,400*	48.9	326.4	18,800*	51.8	332.5	21,700	54.6	337.5	19,700	160
165	44.9	316.7	14,600*	47.0	321.8	17,800*	50.1	328.4	20,600	52.9	333.7	18,700	165
170	43.0	311.4	13,900*	45.1	316.9	16,900*	48.3	324.0	19,600	51.2	329.8	17,800	170
175	40.9	305.7	13,200*	43.2	311.6	16,100*	46.4	319.3	18,600	49.4	325.5	16,900	175
180	38.8	299.6	12,600*	41.2	306.0	15,300*	44.5	314.2	17,700	47.6	321.0	16,000	180
185	36.6	292.9	12,000*	39.0	299.9	14,500*	42.5	308.9	16,900	45.8	316.2	15,200	185
190	34.2	285.8	11,400*	36.8	293.4	13,800*	40.5	303.1	16,100	43.8	311.1	14,500	190
195	31.7	277.9	11,000*	34.5	286.2	13,200*	38.3	296.9	15,300	41.8	305.5	13,800	195
200	29.0	269.1	10,500*	32.0	278.4	12,600*	36.1	290.1	14,600	39.7	299.6	13,100	200
205	26.0	259.3	10,100*	29.3	269.8	12,000*	33.7	282.8	13,900	37.5	293.2	12,400	205
210	22.6	247.9	9,800*	26.4	260.1	11,500*	31.1	274.7	13,300	35.2	286.3	11,800	210
215	18.7	234.2	9,500*	23.1	248.9	11,100*	28.3	265.8	12,600	32.8	278.7	11,200	215
220	13.7	216.4	9,400*	19.2	235.6	10,700*	25.3	255.6	12,000	30.2	270.4	10,700	220
225	4.8	183.6	9,400*	14.4	218.4	10,500*	21.8	243.8	11,500	27.3	261.0	10,100	225
230				6.5	189.7	10,300*	17.8	229.5	10,900	24.2	250.4	9,600	230
235							12.4	210.1	10,300	20.5	237.9	9,100	235
240										16.1	222.2	8,600	240
245										9.8	199.4	8,100	245



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.4	381.9	29,400*										75
80	73.0	380.4	28,700*										80
85	71.7	378.7	28,200*										85
90	70.3	376.9	27,900*	71.8	378.5	33,500*							90
95	68.9	375.0	27,500*	70.4	376.8	32,800*							95
100	67.5	373.0	27,000*	69.1	374.9	32,200*							100
105	66.1	370.8	26,400*	67.7	372.8	31,000*	70.0	375.2	32,800*				105
110	64.7	368.4	25,100*	66.3	370.6	29,800*	68.6	373.3	32,700*				110
115	63.3	365.9	24,000*	64.9	368.3	28,500*	67.2	371.2	32,500*				115
120	61.8	363.2	22,800*	63.4	365.8	27,400*	65.8	369.0	32,400*				120
125	60.3	360.4	21,700*	62.0	363.2	26,200*	64.4	366.6	31,500	66.7	369.1	29,000	125
130	58.8	357.4	20,700*	60.5	360.4	25,000*	62.9	364.0	29,700	65.3	366.8	27,300	130
135	57.3	354.2	19,600*	59.0	357.4	23,800*	61.5	361.3	28,100	63.9	364.4	25,700	135
140	55.7	350.8	18,700*	57.5	354.2	22,700*	60.0	358.5	26,500	62.4	361.8	24,300	140
145	54.2	347.3	17,800*	55.9	350.9	21,600*	58.5	355.4	25,100	61.0	359.0	23,000	145
150	52.5	343.5	16,900*	54.3	347.3	20,600*	57.0	352.2	23,800	59.5	356.1	21,700	150
155	50.9	339.4	16,000*	52.7	343.5	19,600*	55.4	348.8	22,600	58.0	353.0	20,600	155
160	49.2	335.2	15,300*	51.1	339.6	18,600*	53.8	345.2	21,400	56.4	349.7	19,500	160
165	47.5	330.6	14,500*	49.4	335.3	17,700*	52.2	341.3	20,300	54.9	346.2	18,500	165
170	45.7	325.8	13,800*	47.7	330.8	16,900*	50.5	337.2	19,300	53.3	342.5	17,500	170
175	43.8	320.7	13,100*	45.9	326.0	16,000*	48.8	332.9	18,400	51.6	338.6	16,600	175
180	41.9	315.2	12,500*	44.1	320.9	15,300*	47.1	328.3	17,500	49.9	334.4	15,800	180
185	39.9	309.3	11,900*	42.1	315.5	14,500*	45.3	323.4	16,600	48.2	330.0	15,000	185
190	37.9	303.0	11,400*	40.2	309.6	13,800*	43.4	318.2	15,800	46.5	325.3	14,200	190
195	35.7	296.2	10,900*	38.1	303.4	13,200*	41.5	312.6	15,100	44.6	320.3	13,500	195
200	33.4	288.7	10,400*	35.9	296.6	12,600*	39.5	306.7	14,400	42.8	315.0	12,800	200
205	30.9	280.6	10,000*	33.7	289.2	12,000*	37.4	300.2	13,700	40.8	309.3	12,200	205
210	28.3	271.6	9,600*	31.2	281.2	11,500*	35.2	293.3	13,000	38.8	303.1	11,600	210
215	25.4	261.5	9,300*	28.6	272.3	11,000*	32.9	285.7	12,400	36.6	296.5	11,000	215
220	22.1	249.8	9,000*	25.7	262.3	10,600*	30.4	277.4	11,800	34.4	289.4	10,400	220
225	18.3	235.8	8,800*	22.5	250.9	10,300*	27.7	268.2	11,200	32.0	281.6	9,900	225
230	13.4	217.5	8,700*	18.8	237.2	10,000*	24.7	257.8	10,700	29.5	273.0	9,400	230
235	4.7	184.0	7,900*	14.1	219.6	9,800*	21.3	245.7	10,200	26.7	263.4	8,900	235
240				6.4	190.2	8,800*	17.3	231.0	9,600	23.6	252.4	8,400	240
245							12.1	211.1	9,100	20.0	239.6	8,000	245
250										15.7	223.5	7,500	250
255										9.6	200.2	7,100	255





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.8	390.8	26,600*										80
85	72.5	389.2	26,100*										85
90	71.2	387.6	25,900*	72.6	389.1	30,800*							90
95	69.9	385.7	25,600*	71.3	387.4	30,300*							95
100	68.5	383.8	25,300*	70.0	385.6	30,100*							100
105	67.2	381.7	24,900*	68.7	383.6	29,400*							105
110	65.9	379.5	24,200*	67.4	381.6	28,400*	69.6	384.0	30,100*				110
115	64.5	377.1	23,100*	66.0	379.4	27,300*	68.2	382.0	29,900*				115
120	63.1	374.6	22,100*	64.7	377.0	26,300*	66.9	379.9	29,800*				120
125	61.7	371.9	21,100*	63.3	374.5	25,200*	65.6	377.7	29,700*				125
130	60.3	369.1	20,100*	61.9	371.8	24,200*	64.2	375.3	29,300	66.4	377.8	26,800	130
135	58.9	366.1	19,100*	60.5	369.0	23,100*	62.8	372.7	27,600	65.1	375.5	25,200	135
140	57.4	362.9	18,200*	59.0	366.1	22,100*	61.4	370.0	26,100	63.7	373.0	23,800	140
145	55.9	359.6	17,400*	57.6	362.9	21,100*	60.0	367.1	24,600	62.3	370.4	22,400	145
150	54.4	356.0	16,500*	56.1	359.6	20,200*	58.6	364.1	23,300	60.9	367.7	21,200	150
155	52.9	352.3	15,700*	54.6	356.0	19,200*	57.1	360.9	22,100	59.5	364.8	20,000	155
160	51.3	348.3	15,000*	53.1	352.3	18,300*	55.6	357.5	20,900	58.1	361.7	19,000	160
165	49.7	344.1	14,300*	51.5	348.4	17,500*	54.1	353.9	19,900	56.6	358.4	18,000	165
170	48.1	339.6	13,600*	49.9	344.2	16,600*	52.5	350.1	18,900	55.1	354.9	17,000	170
175	46.4	334.9	13,000*	48.3	339.8	15,900*	51.0	346.1	17,900	53.6	351.3	16,100	175
180	44.6	329.9	12,400*	46.6	335.1	15,100*	49.3	341.8	17,000	52.0	347.4	15,300	180
185	42.8	324.6	11,800*	44.8	330.1	14,400*	47.7	337.3	16,200	50.4	343.3	14,500	185
190	41.0	318.9	11,300*	43.0	324.8	13,800*	46.0	332.6	15,400	48.8	339.0	13,700	190
195	39.0	312.8	10,800*	41.2	319.2	13,200*	44.2	327.5	14,600	47.1	334.4	13,000	195
200	37.0	306.3	10,300*	39.3	313.2	12,600*	42.4	322.1	13,900	45.4	329.5	12,400	200
205	34.9	299.3	9,900*	37.2	306.7	12,000*	40.5	316.3	13,200	43.6	324.3	11,700	205
210	32.6	291.6	9,500*	35.1	299.7	11,500*	38.6	310.1	12,600	41.8	318.8	11,100	210
215	30.2	283.3	9,100*	32.9	292.2	11,000*	36.5	303.5	12,000	39.9	312.9	10,500	215
220	27.6	274.0	8,800*	30.5	283.9	10,500*	34.4	296.4	11,400	37.9	306.6	10,000	220
225	24.8	263.7	8,500*	28.0	274.8	10,100*	32.1	288.6	10,800	35.8	299.8	9,400	225
230	21.6	251.7	8,300*	25.1	264.5	9,800*	29.7	280.0	10,300	33.6	292.4	8,900	230
235	17.9	237.3	8,100*	22.0	252.8	9,500*	27.0	270.6	9,700	31.3	284.4	8,400	235
240	13.1	218.6	8,100*	18.3	238.8	9,200*	24.1	259.9	9,200	28.8	275.5	8,000	240
245	4.6	184.3	6,300*	13.7	220.7	9,100*	20.8	247.5	8,800	26.1	265.7	7,500	245
250				6.2	190.7	7,100*	16.9	232.4	8,300	23.1	254.5	7,100	250
255							11.8	212.1	7,800	19.6	241.3	6,700	255
260										15.4	224.9	6,200	260
265										9.3	200.9	5,800	265



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 2

### 160 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
80	74.5	401.2	24,400*							80
85	73.2	399.7	24,400*							85
90	72.0	398.1	24,000*							90
95	70.7	396.4	23,800*	72.1	397.9	28,300*				95
100	69.5	394.5	23,500*	70.9	396.2	27,800*				100
105	68.2	392.5	23,300*	69.6	394.4	27,600*				105
110	66.9	390.4	22,900*	68.3	392.4	27,000*				110
115	65.6	388.2	22,200*	67.1	390.3	26,100*	69.2	392.8	27,500*	115
120	64.3	385.8	21,300*	65.8	388.1	25,200*	67.9	390.8	27,400*	120
125	63.0	383.2	20,400*	64.5	385.7	24,200*	66.6	388.6	27,300*	125
130	61.7	380.6	19,500*	63.1	383.2	23,300*	65.3	386.4	27,200*	130
135	60.3	377.7	18,600*	61.8	380.5	22,400*	64.0	383.9	27,100*	135
140	58.9	374.7	17,800*	60.5	377.7	21,500*	62.7	381.4	25,700	140
145	57.5	371.6	17,000*	59.1	374.7	20,600*	61.4	378.7	24,200	145
150	56.1	368.2	16,200*	57.7	371.6	19,700*	60.0	375.8	22,900	150
155	54.7	364.7	15,500*	56.3	368.3	18,800*	58.6	372.8	21,700	155
160	53.2	361.0	14,700*	54.8	364.8	18,000*	57.2	369.6	20,500	160
165	51.7	357.1	14,100*	53.4	361.1	17,200*	55.8	366.2	19,500	165
170	50.2	353.0	13,400*	51.9	357.2	16,400*	54.3	362.6	18,500	170
175	48.6	348.6	12,800*	50.3	353.1	15,700*	52.9	358.9	17,500	175
180	47.0	344.0	12,200*	48.8	348.7	15,000*	51.4	354.9	16,600	180
185	45.3	339.1	11,700*	47.2	344.2	14,300*	49.8	350.7	15,800	185
190	43.6	333.9	11,200*	45.5	339.3	13,700*	48.2	346.3	15,000	190
195	41.9	328.4	10,700*	43.8	334.2	13,100*	46.6	341.6	14,200	195
200	40.1	322.5	10,200*	42.1	328.7	12,500*	45.0	336.7	13,500	200
205	38.2	316.3	9,800*	40.3	322.9	12,000*	43.3	331.4	12,800	205
210	36.2	309.6	9,400*	38.4	316.7	11,500*	41.5	325.9	12,200	210
215	34.1	302.3	9,000*	36.4	310.0	11,000*	39.7	319.9	11,600	215
220	31.9	294.5	8,700*	34.4	302.8	10,500*	37.7	313.6	11,000	220
225	29.6	285.9	8,400*	32.2	295.1	10,100*	35.7	306.7	10,400	225
230	27.1	276.4	8,100*	29.9	286.6	9,700*	33.6	299.4	9,900	230
235	24.3	265.8	7,900*	27.4	277.2	9,400*	31.4	291.4	9,400	235
240	21.1	253.5	7,700*	24.6	266.7	9,100*	29.0	282.6	8,900	240
245	17.5	238.8	7,500*	21.5	254.7	8,800*	26.5	272.9	8,400	245
250	12.8	219.7	7,100*	17.9	240.3	8,600*	23.6	261.9	7,900	250
255	4.5	184.7	4,900*	13.4	221.9	7,600*	20.4	249.3	7,500	255
260				6.1	191.2	5,700*	16.6	233.8	7,100	260
265							11.5	213.1	6,600	265



# Liftcrane Fixed Jib Capacities

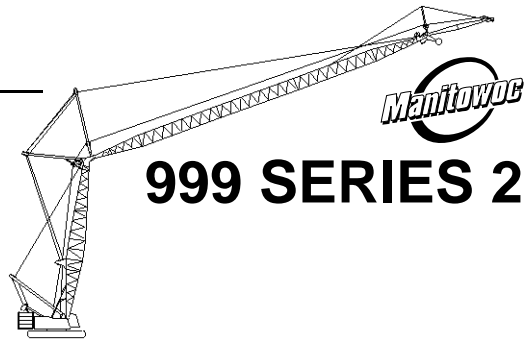
## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.0	371.3	29,500*										75
80	72.6	369.7	29,500*										80
85	71.2	368.0	29,200*	72.8	369.6	34,600*							85
90	69.8	366.1	28,900*	71.4	367.8	34,400*							90
95	68.3	364.1	28,300*	69.9	366.0	34,200*							95
100	66.8	361.9	27,800*	68.5	364.0	33,200*							100
105	65.4	359.6	26,900*	67.0	361.8	31,800*	69.4	364.4	34,200*				105
110	63.8	357.1	25,600*	65.5	359.5	30,500*	68.0	362.3	34,100*				110
115	62.3	354.5	24,300*	64.0	357.0	29,100*	66.5	360.1	34,000*				115
120	60.8	351.6	23,100*	62.5	354.4	27,800*	65.0	357.8	33,500*				120
125	59.2	348.6	21,900*	61.0	351.6	26,500*	63.5	355.3	32,100*	66.0	358.0	29,900	125
130	57.6	345.4	20,700*	59.4	348.6	25,100*	62.0	352.6	30,700	64.5	355.6	28,200	130
135	56.0	342.0	19,600*	57.8	345.4	23,900*	60.4	349.7	29,000	63.0	353.0	26,700	135
140	54.3	338.4	18,600*	56.2	342.1	22,600*	58.9	346.7	27,500	61.4	350.2	25,200	140
145	52.6	334.6	17,600*	54.5	338.5	21,500*	57.2	343.4	26,000	59.9	347.3	23,900	145
150	50.9	330.5	16,600*	52.8	334.6	20,300*	55.6	340.0	24,700	58.3	344.2	22,600	150
155	49.1	326.1	15,700*	51.1	330.6	19,300*	53.9	336.3	23,500	56.7	340.9	21,500	155
160	47.2	321.5	14,900*	49.3	326.3	18,200*	52.2	332.4	22,300	55.0	337.4	20,400	160
165	45.3	316.5	14,100*	47.5	321.6	17,300*	50.5	328.2	21,200	53.3	333.6	19,400	165
170	43.4	311.2	13,400*	45.6	316.7	16,400*	48.7	323.8	20,200	51.6	329.6	18,400	170
175	41.3	305.5	12,700*	43.6	311.5	15,500*	46.8	319.1	19,200	49.9	325.4	17,500	175
180	39.2	299.4	12,000*	41.6	305.8	14,700*	44.9	314.1	18,300	48.0	320.9	16,700	180
185	37.0	292.8	11,500*	39.5	299.8	13,900*	42.9	308.7	17,500	46.2	316.1	15,900	185
190	34.6	285.6	10,900*	37.2	293.2	13,200*	40.9	302.9	16,700	44.2	310.9	15,100	190
195	32.1	277.7	10,400*	34.9	286.1	12,500*	38.7	296.7	15,900	42.2	305.4	14,400	195
200	29.4	268.9	10,000*	32.4	278.2	11,900*	36.5	290.0	15,200	40.1	299.5	13,700	200
205	26.4	259.0	9,500*	29.7	269.6	11,400*	34.1	282.6	14,500	38.0	293.1	13,000	205
210	23.0	247.6	9,200*	26.7	259.9	10,900*	31.5	274.5	13,900	35.7	286.1	12,400	210
215	19.1	233.9	8,900*	23.4	248.7	10,400*	28.7	265.5	13,200	33.2	278.5	11,800	215
220	14.1	215.9	8,700*	19.6	235.3	10,000*	25.7	255.4	12,600	30.6	270.2	11,300	220
225	4.9	182.2	8,700*	14.7	218.0	9,700*	22.2	243.5	12,000	27.7	260.8	10,700	225
230				6.7	188.7	9,600*	18.1	229.1	11,500	24.5	250.1	10,200	230
235							12.7	209.6	10,900	20.9	237.6	9,700	235
240										16.4	221.8	9,200	240
245										10.1	198.8	8,700	245



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.8	381.8	27,800*										75
80	73.4	380.2	27,600*										80
85	72.1	378.6	27,300*										85
90	70.7	376.8	27,000*	72.2	378.4	32,600*							90
95	69.3	374.9	26,700*	70.9	376.7	31,800*							95
100	67.9	372.8	26,200*	69.5	374.8	31,600*							100
105	66.5	370.6	25,700*	68.1	372.7	30,500*							105
110	65.1	368.3	24,700*	66.7	370.5	29,300*	69.0	373.2	31,600*				110
115	63.7	365.8	23,600*	65.3	368.2	28,100*	67.6	371.1	31,500*				115
120	62.2	363.1	22,400*	63.8	365.7	26,900*	66.2	368.9	31,400*				120
125	60.7	360.3	21,300*	62.4	363.1	25,700*	64.8	366.5	30,700*				125
130	59.2	357.3	20,300*	60.9	360.3	24,500*	63.4	363.9	29,400*	65.7	366.7	27,700	130
135	57.7	354.1	19,300*	59.4	357.3	23,400*	61.9	361.2	28,200*	64.3	364.3	26,100	135
140	56.2	350.7	18,300*	57.9	354.1	22,200*	60.4	358.4	27,000	62.9	361.7	24,700	140
145	54.6	347.1	17,300*	56.3	350.8	21,100*	58.9	355.3	25,500	61.4	358.9	23,400	145
150	53.0	343.3	16,500*	54.8	347.2	20,100*	57.4	352.1	24,200	59.9	356.0	22,100	150
155	51.3	339.3	15,600*	53.1	343.4	19,100*	55.8	348.7	23,000	58.4	352.9	20,900	155
160	49.6	335.0	14,800*	51.5	339.4	18,100*	54.2	345.0	21,800	56.8	349.6	19,900	160
165	47.9	330.5	14,100*	49.8	335.2	17,200*	52.6	341.2	20,700	55.3	346.1	18,800	165
170	46.1	325.7	13,300*	48.1	330.7	16,300*	50.9	337.1	19,700	53.7	342.4	17,900	170
175	44.2	320.5	12,700*	46.3	325.9	15,500*	49.2	332.8	18,800	52.0	338.4	17,000	175
180	42.3	315.0	12,000*	44.5	320.8	14,700*	47.5	328.2	17,900	50.4	334.3	16,200	180
185	40.3	309.1	11,400*	42.6	315.3	14,000*	45.7	323.3	17,000	48.6	329.9	15,400	185
190	38.3	302.8	10,900*	40.6	309.5	13,300*	43.8	318.1	16,200	46.9	325.2	14,600	190
195	36.1	296.0	10,400*	38.5	303.2	12,600*	41.9	312.5	15,500	45.0	320.2	13,900	195
200	33.8	288.6	9,900*	36.3	296.4	12,000*	39.9	306.5	14,700	43.2	314.8	13,200	200
205	31.3	280.4	9,500*	34.1	289.1	11,400*	37.8	300.1	14,100	41.2	309.1	12,600	205
210	28.7	271.4	9,100*	31.6	281.0	10,900*	35.6	293.1	13,400	39.2	303.0	12,000	210
215	25.8	261.2	8,800*	29.0	272.1	10,400*	33.3	285.5	12,800	37.0	296.4	11,400	215
220	22.5	249.5	8,500*	26.1	262.1	10,000*	30.8	277.2	12,200	34.8	289.2	10,800	220
225	18.6	235.5	8,300*	22.9	250.6	9,600*	28.1	268.0	11,600	32.4	281.4	10,300	225
230	13.7	217.1	8,100*	19.1	236.9	9,300*	25.1	257.5	11,100	29.8	272.8	9,800	230
235	4.7	182.5	8,100*	14.4	219.2	9,100*	21.7	245.4	10,500	27.1	263.2	9,300	235
240				6.6	189.2	9,000*	17.7	230.6	10,000	24.0	252.2	8,800	240
245							12.4	210.6	9,500	20.4	239.3	8,300	245
250										16.0	223.2	7,900	250
255										9.8	199.5	7,400	255



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.2	390.7	26,100*										80
85	72.9	389.1	26,000*										85
90	71.6	387.4	25,200*										90
95	70.3	385.6	24,900*	71.7	387.3	29,600*							95
100	68.9	383.7	24,600*	70.4	385.5	29,400*							100
105	67.6	381.6	24,200*	69.1	383.5	29,100*							105
110	66.3	379.4	23,800*	67.8	381.5	28,000*	70.0	383.9	29,300*				110
115	64.9	377.0	22,800*	66.4	379.2	27,000*	68.7	381.9	29,200*				115
120	63.5	374.5	21,800*	65.1	376.9	25,900*	67.3	379.8	29,100*				120
125	62.1	371.8	20,800*	63.7	374.4	24,900*	66.0	377.6	29,000*				125
130	60.7	369.0	19,800*	62.3	371.7	23,800*	64.6	375.2	28,900*	66.8	377.7	27,400	130
135	59.3	366.0	18,800*	60.9	368.9	22,800*	63.2	372.6	28,200	65.5	375.4	25,900	135
140	57.8	362.8	17,900*	59.4	365.9	21,700*	61.8	369.9	26,700	64.1	372.9	24,400	140
145	56.3	359.4	17,100*	58.0	362.8	20,700*	60.4	367.0	25,300	62.7	370.3	23,100	145
150	54.8	355.9	16,200*	56.5	359.5	19,800*	59.0	364.0	23,900	61.3	367.6	21,800	150
155	53.3	352.1	15,400*	55.0	355.9	18,800*	57.5	360.8	22,700	59.9	364.6	20,700	155
160	51.7	348.2	14,700*	53.5	352.2	17,900*	56.0	357.4	21,600	58.4	361.5	19,600	160
165	50.1	344.0	14,000*	51.9	348.2	17,100*	54.5	353.8	20,500	57.0	358.3	18,600	165
170	48.4	339.5	13,300*	50.3	344.1	16,200*	52.9	350.0	19,500	55.5	354.8	17,600	170
175	46.8	334.8	12,600*	48.6	339.7	15,500*	51.4	346.0	18,500	53.9	351.1	16,700	175
180	45.0	329.8	12,000*	47.0	335.0	14,700*	49.7	341.7	17,600	52.4	347.3	15,900	180
185	43.2	324.4	11,400*	45.2	330.0	14,000*	48.1	337.2	16,800	50.8	343.2	15,100	185
190	41.3	318.8	10,900*	43.4	324.7	13,300*	46.4	332.4	16,000	49.2	338.8	14,300	190
195	39.4	312.7	10,400*	41.6	319.1	12,700*	44.6	327.3	15,200	47.5	334.2	13,600	195
200	37.4	306.1	9,900*	39.6	313.0	12,100*	42.8	321.9	14,500	45.8	329.3	13,000	200
205	35.3	299.1	9,500*	37.6	306.5	11,500*	40.9	316.2	13,800	44.0	324.1	12,300	205
210	33.0	291.5	9,100*	35.5	299.6	11,000*	39.0	310.0	13,200	42.2	318.6	11,700	210
215	30.6	283.1	8,700*	33.3	292.0	10,500*	36.9	303.4	12,500	40.3	312.7	11,100	215
220	28.0	273.8	8,400*	30.9	283.7	10,100*	34.8	296.2	11,900	38.3	306.4	10,600	220
225	25.2	263.4	8,100*	28.3	274.6	9,600*	32.5	288.4	11,400	36.2	299.6	10,000	225
230	22.0	251.4	7,800*	25.5	264.3	9,300*	30.1	279.8	10,800	34.0	292.2	9,500	230
235	18.2	237.0	7,700*	22.4	252.5	9,000*	27.4	270.4	10,300	31.7	284.2	9,000	235
240	13.4	218.1	7,600*	18.7	238.4	8,700*	24.5	259.6	9,800	29.2	275.3	8,500	240
245	4.6	182.8	7,000*	14.0	220.3	8,500*	21.2	247.2	9,300	26.4	265.4	8,100	245
250				6.4	189.7	7,900*	17.3	232.1	8,800	23.4	254.2	7,700	250
255							12.1	211.6	8,400	19.9	241.0	7,200	255
260										15.7	224.5	6,800	260
265										9.6	200.3	6,400	265



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.8	401.1	23,900*										80
85	73.6	399.6	23,700*										85
90	72.4	398.0	23,500*										90
95	71.1	396.3	23,200*	72.5	397.8	27,400*							95
100	69.9	394.4	23,000*	71.3	396.1	27,200*							100
105	68.6	392.4	22,700*	70.0	394.3	27,000*							105
110	67.3	390.3	22,300*	68.7	392.3	26,700*							110
115	66.0	388.1	21,900*	67.4	390.2	25,800*	69.6	392.7	27,000*				115
120	64.7	385.7	21,000*	66.2	388.0	24,800*	68.3	390.7	26,900*				120
125	63.4	383.1	20,100*	64.8	385.6	23,900*	67.0	388.5	26,800*				125
130	62.0	380.5	19,200*	63.5	383.1	22,900*	65.7	386.3	26,700*				130
135	60.7	377.6	18,300*	62.2	380.4	22,000*	64.4	383.8	26,500*	66.6	386.4	25,400	135
140	59.3	374.6	17,500*	60.8	377.6	21,100*	63.1	381.3	26,200	65.3	384.1	23,900	140
145	57.9	371.5	16,700*	59.5	374.6	20,200*	61.7	378.6	24,800	63.9	381.6	22,600	145
150	56.5	368.1	15,900*	58.1	371.5	19,300*	60.4	375.7	23,500	62.6	379.0	21,300	150
155	55.0	364.6	15,100*	56.6	368.1	18,400*	59.0	372.7	22,200	61.3	376.2	20,200	155
160	53.6	360.9	14,400*	55.2	364.6	17,600*	57.6	369.5	21,100	59.9	373.3	19,100	160
165	52.1	357.0	13,700*	53.7	361.0	16,800*	56.2	366.1	20,000	58.5	370.2	18,100	165
170	50.5	352.8	13,100*	52.2	357.1	16,000*	54.7	362.5	19,000	57.1	366.9	17,100	170
175	49.0	348.5	12,500*	50.7	353.0	15,300*	53.2	358.8	18,100	55.7	363.5	16,200	175
180	47.4	343.8	11,900*	49.2	348.6	14,600*	51.7	354.8	17,200	54.2	359.9	15,400	180
185	45.7	339.0	11,300*	47.5	344.0	13,900*	50.2	350.6	16,300	52.7	356.1	14,600	185
190	44.0	333.8	10,800*	45.9	339.2	13,300*	48.6	346.2	15,500	51.2	352.0	13,900	190
195	42.3	328.3	10,300*	44.2	334.0	12,700*	47.0	341.5	14,800	49.7	347.7	13,100	195
200	40.4	322.4	9,800*	42.5	328.5	12,100*	45.3	336.5	14,000	48.1	343.2	12,500	200
205	38.5	316.1	9,400*	40.6	322.7	11,500*	43.6	331.3	13,400	46.4	338.5	11,800	205
210	36.6	309.4	9,000*	38.8	316.5	11,000*	41.9	325.7	12,700	44.8	333.4	11,200	210
215	34.5	302.2	8,600*	36.8	309.8	10,500*	40.0	319.8	12,100	43.0	328.0	10,600	215
220	32.3	294.3	8,300*	34.7	302.6	10,100*	38.1	313.4	11,500	41.2	322.3	10,100	220
225	29.9	285.7	8,000*	32.5	294.9	9,600*	36.1	306.6	10,900	39.4	316.2	9,600	225
230	27.4	276.2	7,700*	30.2	286.4	9,200*	34.0	299.2	10,400	37.4	309.7	9,000	230
235	24.6	265.5	7,400*	27.7	277.0	8,900*	31.8	291.2	9,900	35.4	302.7	8,600	235
240	21.5	253.2	7,200*	24.9	266.5	8,600*	29.4	282.4	9,400	33.3	295.1	8,100	240
245	17.8	238.5	7,100*	21.9	254.4	8,300*	26.8	272.7	8,900	31.0	286.9	7,600	245
250	13.1	219.2	7,000*	18.3	240.0	8,100*	24.0	261.7	8,400	28.5	277.8	7,200	250
255	4.5	183.1	5,500*	13.7	221.4	7,900*	20.7	249.0	8,000	25.9	267.7	6,800	255
260				6.2	190.1	6,300*	16.9	233.5	7,500	22.9	256.2	6,400	260
265							11.8	212.5	7,100	19.5	242.6	6,000	265
270										15.3	225.7	5,600	270
275										9.4	201.0	5,200	275



# Liftcrane Fixed Jib Capacities

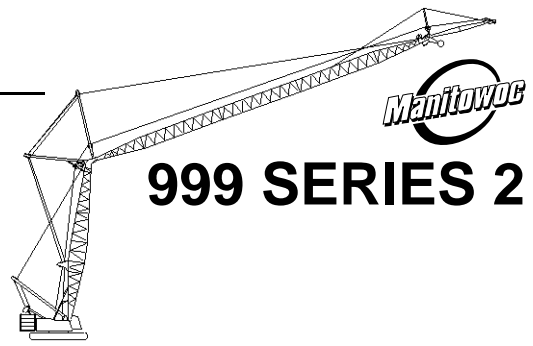
## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
85	74.3	410.1	22,400*							85
90	73.1	408.5	21,800*							90
95	71.9	406.9	21,600*							95
100	70.7	405.1	21,400*	72.0	406.7	25,200*				100
105	69.5	403.2	21,100*	70.8	404.9	25,100*				105
110	68.3	401.2	20,900*	69.6	403.1	24,900*				110
115	67.0	399.0	20,600*	68.4	401.0	24,500*				115
120	65.8	396.8	20,200*	67.2	398.9	23,700*	69.2	401.5	24,800*	120
125	64.5	394.4	19,400*	65.9	396.7	22,900*	68.0	399.4	24,700*	125
130	63.2	391.8	18,600*	64.7	394.3	22,100*	66.7	397.3	24,600*	130
135	62.0	389.1	17,800*	63.4	391.7	21,200*	65.5	395.0	24,500*	135
140	60.7	386.3	17,000*	62.1	389.1	20,400*	64.2	392.5	24,400*	140
145	59.3	383.3	16,200*	60.8	386.2	19,600*	63.0	389.9	24,200*	145
150	58.0	380.1	15,500*	59.5	383.3	18,800*	61.7	387.2	23,100	150
155	56.6	376.8	14,800*	58.1	380.1	18,000*	60.4	384.3	21,900	155
160	55.2	373.3	14,100*	56.8	376.8	17,200*	59.0	381.3	20,700	160
165	53.8	369.6	13,500*	55.4	373.4	16,500*	57.7	378.1	19,600	165
170	52.4	365.8	12,900*	54.0	369.7	15,800*	56.3	374.8	18,600	170
175	50.9	361.7	12,300*	52.6	365.9	15,100*	54.9	371.2	17,700	175
180	49.4	357.4	11,800*	51.1	361.8	14,400*	53.5	367.5	16,800	180
185	47.9	352.9	11,200*	49.6	357.5	13,800*	52.1	363.6	15,900	185
190	46.3	348.1	10,700*	48.1	353.0	13,100*	50.6	359.5	15,100	190
195	44.7	343.0	10,200*	46.5	348.3	12,600*	49.1	355.1	14,400	195
200	43.1	337.7	9,800*	44.9	343.2	12,000*	47.6	350.5	13,700	200
205	41.4	332.0	9,300*	43.3	337.9	11,500*	46.0	345.7	13,000	205
210	39.6	325.9	8,900*	41.6	332.3	11,000*	44.4	340.6	12,300	210
215	37.7	319.5	8,600*	39.8	326.3	10,500*	42.7	335.2	11,700	215
220	35.8	312.6	8,200*	37.9	319.9	10,100*	41.0	329.4	11,100	220
225	33.8	305.1	7,900*	36.0	313.0	9,600*	39.2	323.3	10,600	225
230	31.6	297.1	7,600*	34.0	305.6	9,200*	37.3	316.7	10,000	230
235	29.3	288.3	7,300*	31.9	297.7	8,900*	35.3	309.7	9,500	235
240	26.8	278.5	7,100*	29.6	288.9	8,500*	33.3	302.1	9,000	240
245	24.1	267.6	6,900*	27.1	279.3	8,200*	31.1	293.9	8,500	245
250	21.0	255.0	6,700*	24.4	268.6	8,000*	28.8	284.9	8,100	250
255	17.4	240.0	6,600*	21.4	256.2	7,700*	26.2	274.9	7,600	255
260	12.8	220.3	6,300*	17.9	241.5	7,500*	23.5	263.7	7,200	260
265	4.4	183.4	4,100*	13.4	222.5	6,800*	20.3	250.7	6,800	265
270				6.1	190.6	4,900*	16.5	234.9	6,400	270
275							11.5	213.5	6,000	275



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	73.9	380.5	25,700*										80
85	72.6	378.9	25,600*										85
90	71.2	377.1	25,400*	72.7	378.7	29,500*							90
95	69.8	375.2	25,200*	71.4	377.0	29,500*							95
100	68.4	373.2	25,000*	70.0	375.1	29,500*							100
105	67.0	371.0	24,800*	68.6	373.1	29,500*							105
110	65.6	368.7	24,400*	67.2	370.9	29,100*	69.5	373.5	29,300*				110
115	64.2	366.2	23,700*	65.8	368.6	28,000*	68.1	371.4	29,200*				115
120	62.7	363.6	22,500*	64.4	366.2	26,800*	66.7	369.2	29,200*				120
125	61.3	360.8	21,400*	62.9	363.5	25,700*	65.3	366.9	29,100*				125
130	59.8	357.8	20,400*	61.4	360.8	24,500*	63.9	364.4	28,600*	66.2	367.1	28,400	130
135	58.2	354.7	19,300*	59.9	357.8	23,400*	62.4	361.7	27,300*	64.8	364.7	26,800	135
140	56.7	351.3	18,400*	58.4	354.7	22,300*	60.9	358.9	26,200*	63.4	362.1	25,400	140
145	55.1	347.8	17,400*	56.9	351.4	21,200*	59.4	355.9	25,100*	61.9	359.4	24,000	145
150	53.5	344.0	16,500*	55.3	347.8	20,100*	57.9	352.7	24,100*	60.4	356.5	22,800	150
155	51.9	340.0	15,600*	53.7	344.1	19,100*	56.3	349.3	23,100*	58.9	353.4	21,600	155
160	50.2	335.8	14,800*	52.0	340.1	18,100*	54.8	345.7	22,200*	57.4	350.2	20,500	160
165	48.4	331.3	14,100*	50.4	335.9	17,200*	53.1	341.9	21,400*	55.8	346.7	19,500	165
170	46.7	326.5	13,300*	48.6	331.5	16,300*	51.5	337.8	20,400	54.2	343.0	18,500	170
175	44.8	321.5	12,600*	46.9	326.7	15,500*	49.8	333.6	19,400	52.6	339.2	17,600	175
180	42.9	316.0	12,000*	45.0	321.7	14,700*	48.1	329.0	18,500	50.9	335.0	16,800	180
185	41.0	310.2	11,400*	43.1	316.3	13,900*	46.3	324.2	17,700	49.2	330.7	16,000	185
190	38.9	304.0	10,800*	41.2	310.5	13,200*	44.4	319.0	16,800	47.4	326.0	15,200	190
195	36.7	297.2	10,300*	39.1	304.3	12,500*	42.5	313.5	16,100	45.6	321.1	14,500	195
200	34.5	289.9	9,800*	37.0	297.7	11,800*	40.5	307.6	15,400	43.8	315.8	13,800	200
205	32.0	281.9	9,300*	34.7	290.4	11,300*	38.4	301.2	14,700	41.8	310.1	13,200	205
210	29.4	273.1	8,900*	32.3	282.5	10,700*	36.2	294.4	14,000	39.8	304.1	12,600	210
215	26.5	263.1	8,600*	29.7	273.8	10,200*	33.9	286.9	13,400*	37.7	297.6	12,000	215
220	23.3	251.8	8,200*	26.9	264.0	9,800*	31.5	278.8	12,700*	35.5	290.5	11,400	220
225	19.6	238.2	8,000*	23.7	252.8	9,300*	28.8	269.7	12,100*	33.1	282.8	10,900	225
230	15.0	220.8	7,800*	20.1	239.5	9,000*	25.9	259.5	11,500*	30.6	274.4	10,400	230
235	7.6	192.6	7,800*	15.6	222.8	8,700*	22.6	247.7	11,000*	27.8	264.9	9,900	235
240				8.8	196.9	8,600*	18.7	233.5	10,500*	24.8	254.3	9,400	240
245							13.7	214.8	10,100*	21.3	241.8	8,900	245
250							4.0	177.6	9,600	17.2	226.4	8,500	250
255										11.5	204.8	8,000	255





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.6	391.0	24,200*										80
85	73.4	389.4	24,000*										85
90	72.1	387.7	23,900*										90
95	70.7	385.9	23,900*	72.2	387.6	27,800*							95
100	69.4	384.0	23,500*	70.9	385.8	27,700*							100
105	68.1	381.9	23,300*	69.6	383.9	27,600*							105
110	66.7	379.7	23,100*	68.2	381.8	27,600*							110
115	65.4	377.4	22,700*	66.9	379.6	26,800*	69.1	382.3	27,400*				115
120	64.0	374.9	21,800*	65.5	377.3	25,800*	67.8	380.2	27,400*				120
125	62.6	372.3	20,800*	64.2	374.8	24,800*	66.4	377.9	27,300*				125
130	61.2	369.5	19,900*	62.8	372.2	23,800*	65.1	375.6	27,300*				130
135	59.8	366.5	18,900*	61.4	369.4	22,800*	63.7	373.0	26,200*	66.0	375.8	26,300	135
140	58.3	363.3	18,000*	59.9	366.5	21,700*	62.3	370.4	25,100*	64.6	373.4	24,800	140
145	56.8	360.0	17,100*	58.5	363.3	20,800*	60.9	367.5	24,100*	63.2	370.8	23,500	145
150	55.3	356.5	16,300*	57.0	360.0	19,800*	59.5	364.5	23,100*	61.8	368.0	22,200	150
155	53.8	352.8	15,500*	55.5	356.6	18,800*	58.0	361.3	22,200*	60.4	365.2	21,100	155
160	52.2	348.9	14,700*	54.0	352.9	17,900*	56.5	358.0	21,400*	59.0	362.1	20,000	160
165	50.6	344.7	13,900*	52.4	349.0	17,000*	55.0	354.4	20,600*	57.5	358.8	19,000	165
170	49.0	340.3	13,200*	50.8	344.8	16,200*	53.5	350.7	19,800*	56.0	355.4	18,000	170
175	47.3	335.6	12,600*	49.2	340.4	15,400*	51.9	346.7	18,900	54.5	351.8	17,100	175
180	45.6	330.7	11,900*	47.5	335.8	14,700*	50.3	342.5	18,000	52.9	347.9	16,300	180
185	43.8	325.4	11,400*	45.8	330.9	13,900*	48.6	338.0	17,200	51.3	343.9	15,500	185
190	41.9	319.8	10,800*	44.0	325.7	13,200*	46.9	333.3	16,400	49.7	339.6	14,700	190
195	40.0	313.8	10,300*	42.1	320.1	12,600*	45.2	328.2	15,600	48.0	335.0	14,000	195
200	38.0	307.3	9,800*	40.2	314.1	11,900*	43.4	322.9	14,900	46.3	330.2	13,300	200
205	35.9	300.4	9,300*	38.2	307.7	11,400*	41.5	317.2	14,200	44.6	325.1	12,700	205
210	33.7	292.9	8,900*	36.1	300.8	10,800*	39.6	311.1	13,600	42.7	319.6	12,100	210
215	31.3	284.6	8,500*	33.9	293.4	10,300*	37.5	304.6	12,900	40.8	313.8	11,500	215
220	28.7	275.5	8,200*	31.6	285.2	9,800*	35.4	297.5	12,300	38.9	307.5	10,900	220
225	25.9	265.4	7,900*	29.0	276.3	9,400*	33.1	289.8	11,800	36.8	300.8	10,400	225
230	22.8	253.7	7,600*	26.3	266.2	9,000*	30.7	281.4	11,200	34.6	293.6	9,900	230
235	19.2	239.8	7,400*	23.2	254.7	8,700*	28.1	272.1	10,700	32.3	285.6	9,400	235
240	14.6	222.0	7,200*	19.6	241.2	8,400*	25.3	261.6	10,200	29.9	277.0	8,900	240
245	7.4	193.1	7,200*	15.2	224.0	8,100*	22.1	249.6	9,700	27.2	267.3	8,500	245
250				8.6	197.6	8,000*	18.3	235.0	9,200	24.2	256.3	8,000	250
255							13.4	215.9	8,800	20.8	243.5	7,600	255
260							3.9	177.8	8,300*	16.8	227.7	7,200	260
265										11.2	205.7	6,800	265



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	399.9	22,500*										85
90	72.8	398.3	22,400*										90
95	71.6	396.6	22,300*	73.0	398.1	26,000*							95
100	70.3	394.7	22,100*	71.7	396.4	25,900*							100
105	69.0	392.8	21,900*	70.5	394.6	25,800*							105
110	67.8	390.7	21,700*	69.2	392.6	25,700*							110
115	66.5	388.5	21,500*	67.9	390.6	25,500*							115
120	65.2	386.1	21,100*	66.6	388.3	24,800*	68.8	391.0	25,600*				120
125	63.8	383.6	20,200*	65.3	386.0	23,900*	67.5	388.9	25,600*				125
130	62.5	380.9	19,300*	64.0	383.5	23,000*	66.2	386.7	25,500*				130
135	61.2	378.1	18,400*	62.7	380.9	22,100*	64.9	384.3	25,400*				135
140	59.8	375.2	17,600*	61.3	378.1	21,200*	63.6	381.7	25,400*	65.7	384.5	24,600	140
145	58.4	372.0	16,800*	59.9	375.1	20,300*	62.2	379.0	24,900*	64.4	382.0	23,200	145
150	57.0	368.7	16,000*	58.5	372.0	19,400*	60.9	376.2	24,000*	63.1	379.4	22,000	150
155	55.5	365.2	15,200*	57.1	368.7	18,500*	59.5	373.2	22,900	61.7	376.7	20,800	155
160	54.1	361.6	14,500*	55.7	365.3	17,700*	58.1	370.0	21,700	60.4	373.8	19,700	160
165	52.6	357.7	13,800*	54.2	361.6	16,800*	56.7	366.7	20,600	59.0	370.8	18,700	165
170	51.0	353.6	13,100*	52.7	357.8	16,100*	55.2	363.1	19,600	57.6	367.5	17,800	170
175	49.5	349.2	12,500*	51.2	353.7	15,300*	53.7	359.4	18,700	56.2	364.1	16,900	175
180	47.9	344.7	11,900*	49.7	349.4	14,600*	52.2	355.5	17,800	54.7	360.5	16,000	180
185	46.2	339.8	11,300*	48.1	344.8	13,900*	50.7	351.4	16,900	53.2	356.7	15,200	185
190	44.5	334.7	10,800*	46.4	340.0	13,200*	49.1	347.0	16,100	51.7	352.7	14,500	190
195	42.8	329.2	10,300*	44.7	334.9	12,600*	47.5	342.3	15,400	50.2	348.5	13,800	195
200	41.0	323.4	9,800*	43.0	329.5	12,000*	45.9	337.4	14,600	48.6	344.0	13,100	200
205	39.1	317.3	9,300*	41.2	323.8	11,400*	44.2	332.2	14,000	47.0	339.3	12,400	205
210	37.2	310.6	8,900*	39.3	317.6	10,900*	42.4	326.7	13,300	45.3	334.3	11,800	210
215	35.1	303.5	8,500*	37.4	311.0	10,400*	40.6	320.8	12,700	43.6	329.0	11,200	215
220	32.9	295.7	8,200*	35.3	303.9	9,900*	38.7	314.5	12,100	41.8	323.4	10,700	220
225	30.6	287.3	7,800*	33.2	296.3	9,500*	36.7	307.8	11,500	39.9	317.3	10,100	225
230	28.1	278.0	7,500*	30.9	287.9	9,100*	34.6	300.5	11,000	38.0	310.9	9,600	230
235	25.4	267.5	7,300*	28.4	278.7	8,700*	32.4	292.6	10,500	36.0	304.0	9,200	235
240	22.3	255.6	7,000*	25.7	268.4	8,400*	30.1	284.0	10,000	33.9	296.5	8,700	240
245	18.7	241.4	6,900*	22.7	256.7	8,100*	27.5	274.5	9,500	31.6	288.4	8,200	245
250	14.3	223.2	6,800*	19.2	242.8	7,800*	24.7	263.7	9,000	29.2	279.5	7,800	250
255	7.2	193.6	6,800*	14.9	225.2	7,600*	21.6	251.4	8,600	26.6	269.6	7,400	255
260				8.4	198.2	7,500*	17.9	236.5	8,100	23.7	258.3	7,000	260
265							13.1	216.9	7,700	20.4	245.2	6,600	265
270							3.8	177.9	7,000*	16.4	229.1	6,200	270
275										10.9	206.6	5,800	275



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
85	74.7	410.3	21,600*							85
90	73.5	408.8	20,900*							90
95	72.3	407.2	20,800*							95
100	71.1	405.4	20,600*	72.5	407.0	24,200*				100
105	69.9	403.5	20,500*	71.3	405.2	24,000*				105
110	68.7	401.5	20,300*	70.1	403.4	24,000*				110
115	67.5	399.4	20,100*	68.8	401.4	23,900*				115
120	66.2	397.2	19,900*	67.6	399.3	23,700*	69.7	401.8	23,800*	120
125	65.0	394.8	19,500*	66.4	397.0	22,900*	68.4	399.8	23,800*	125
130	63.7	392.2	18,600*	65.1	394.7	22,100*	67.2	397.6	23,700*	130
135	62.4	389.6	17,800*	63.8	392.2	21,200*	65.9	395.4	23,600*	135
140	61.1	386.8	17,100*	62.6	389.5	20,400*	64.7	392.9	23,600*	140
145	59.8	383.8	16,300*	61.3	386.7	19,600*	63.4	390.4	23,500*	145
150	58.5	380.7	15,600*	59.9	383.8	18,800*	62.1	387.7	23,100*	150
155	57.1	377.4	14,900*	58.6	380.7	18,000*	60.8	384.8	22,300*	155
160	55.7	373.9	14,200*	57.3	377.4	17,300*	59.5	381.8	21,300	160
165	54.3	370.3	13,600*	55.9	374.0	16,500*	58.2	378.7	20,200	165
170	52.9	366.5	12,900*	54.5	370.4	15,800*	56.8	375.4	19,200	170
175	51.4	362.4	12,300*	53.0	366.5	15,100*	55.4	371.9	18,200	175
180	49.9	358.2	11,800*	51.6	362.5	14,400*	54.0	368.2	17,300	180
185	48.4	353.7	11,200*	50.1	358.3	13,700*	52.6	364.3	16,500	185
190	46.9	348.9	10,700*	48.6	353.8	13,100*	51.1	360.2	15,700	190
195	45.2	343.9	10,200*	47.0	349.1	12,500*	49.6	355.9	14,900	195
200	43.6	338.6	9,700*	45.4	344.1	12,000*	48.1	351.4	14,200	200
205	41.9	333.0	9,300*	43.8	338.9	11,400*	46.5	346.6	13,500	205
210	40.1	327.0	8,900*	42.1	333.3	10,900*	44.9	341.5	12,900	210
215	38.3	320.7	8,500*	40.3	327.4	10,400*	43.2	336.1	12,200	215
220	36.4	313.8	8,100*	38.5	321.0	10,000*	41.5	330.4	11,600	220
225	34.3	306.5	7,800*	36.6	314.3	9,500*	39.7	324.4	11,100	225
230	32.2	298.5	7,500*	34.6	307.0	9,100*	37.9	317.9	10,500	230
235	29.9	289.9	7,200*	32.5	299.1	8,700*	35.9	311.0	10,000	235
240	27.5	280.3	6,900*	30.2	290.5	8,400*	33.9	303.5	9,500	240
245	24.8	269.6	6,700*	27.8	281.1	8,000*	31.7	295.4	9,100	245
250	21.8	257.4	6,500*	25.1	270.6	7,700*	29.4	286.6	8,600	250
255	18.3	242.9	6,400*	22.2	258.5	7,500*	26.9	276.8	8,100	255
260	14.0	224.3	6,300*	18.8	244.3	7,300*	24.2	265.8	7,700	260
265	7.0	194.2	5,400*	14.5	226.4	7,100*	21.1	253.2	7,300	265
270				8.2	198.8	6,000*	17.5	237.9	6,900	270
275							12.8	218.0	6,500	275
280							3.7	178.1	5,500*	280



# Liftcrane Fixed Jib Capacities

**999 SERIES 2**

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

## 160 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
90	74.2	419.3	19,500*							90
95	73.0	417.7	19,400*							95
100	71.9	416.0	19,200*							100
105	70.7	414.2	19,100*	72.0	415.8	22,400*				105
110	69.6	412.3	18,900*	70.9	414.1	22,300*				110
115	68.4	410.3	18,800*	69.7	412.2	22,100*				115
120	67.2	408.1	18,600*	68.5	410.1	22,000*				120
125	66.0	405.9	18,400*	67.3	408.0	21,800*	69.3	410.6	22,100*	125
130	64.8	403.5	18,000*	66.1	405.8	21,100*	68.1	408.5	22,000*	130
135	63.6	400.9	17,200*	64.9	403.4	20,400*	66.9	406.3	21,900*	135
140	62.3	398.2	16,500*	63.7	400.8	19,700*	65.7	404.0	21,800*	140
145	61.1	395.4	15,800*	62.5	398.2	18,900*	64.5	401.6	21,800*	145
150	59.8	392.5	15,200*	61.2	395.4	18,200*	63.3	399.1	21,700*	150
155	58.5	389.4	14,500*	59.9	392.4	17,500*	62.0	396.3	21,200*	155
160	57.2	386.1	13,900*	58.7	389.4	16,800*	60.8	393.5	20,400*	160
165	55.9	382.7	13,300*	57.4	386.1	16,100*	59.5	390.5	19,700*	165
170	54.5	379.0	12,700*	56.0	382.7	15,500*	58.2	387.4	18,800	170
175	53.2	375.2	12,100*	54.7	379.1	14,800*	56.9	384.1	17,800	175
180	51.8	371.3	11,600*	53.3	375.3	14,200*	55.6	380.6	16,900	180
185	50.4	367.1	11,100*	51.9	371.4	13,600*	54.2	376.9	16,100	185
190	48.9	362.7	10,600*	50.5	367.2	13,000*	52.9	373.1	15,300	190
195	47.4	358.0	10,100*	49.1	362.8	12,400*	51.5	369.1	14,500	195
200	45.9	353.1	9,700*	47.6	358.2	11,900*	50.0	364.8	13,800	200
205	44.3	347.9	9,200*	46.1	353.3	11,300*	48.6	360.4	13,100	205
210	42.7	342.5	8,800*	44.5	348.2	10,800*	47.1	355.7	12,500	210
215	41.0	336.7	8,400*	42.9	342.7	10,400*	45.5	350.7	11,900	215
220	39.3	330.5	8,100*	41.2	337.0	9,900*	44.0	345.5	11,300	220
225	37.5	324.0	7,700*	39.5	330.9	9,500*	42.3	339.9	10,700	225
230	35.6	317.0	7,400*	37.7	324.4	9,100*	40.6	334.1	10,200	230
235	33.6	309.4	7,100*	35.8	317.4	8,700*	38.9	327.8	9,600	235
240	31.6	301.3	6,800*	33.9	310.0	8,400*	37.1	321.2	9,200	240
245	29.3	292.4	6,600*	31.8	301.9	8,000*	35.2	314.1	8,700	245
250	26.9	282.6	6,400*	29.6	293.1	7,700*	33.2	306.4	8,200	250
255	24.3	271.7	6,200*	27.2	283.4	7,400*	31.1	298.1	7,800	255
260	21.4	259.2	6,000*	24.6	272.7	7,200*	28.8	289.1	7,400	260
265	18.0	244.4	5,900*	21.7	260.4	7,000*	26.4	279.1	6,900	265
270	13.7	225.4	5,700*	18.4	245.9	6,800*	23.7	267.8	6,600	270
275	6.9	194.6	4,000*	14.2	227.5	6,200*	20.7	254.9	6,200	275
280				8.0	199.4	4,600*	17.1	239.4	5,800	280
285							12.5	219.0	5,400	285
290							3.6	178.3	4,200*	290



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.7	391.0	21,400*										80
85	73.4	389.4	21,300*										85
90	72.1	387.8	21,200*										90
95	70.8	386.0	21,000*	72.3	387.6	24,500*							95
100	69.5	384.0	20,800*	71.0	385.8	24,300*							100
105	68.2	382.0	20,600*	69.6	383.9	24,100*							105
110	66.8	379.8	20,400*	68.3	381.9	24,000*							110
115	65.5	377.4	20,300*	67.0	379.7	23,800*	69.2	382.3	23,800*				115
120	64.1	374.9	20,100*	65.6	377.3	23,600*	67.9	380.2	23,800*				120
125	62.7	372.3	19,900*	64.2	374.9	23,400*	66.5	378.0	23,500*				125
130	61.3	369.5	19,500*	62.9	372.2	23,100*	65.2	375.6	23,200*				130
135	59.8	366.5	18,600*	61.4	369.5	22,300*	63.8	373.1	23,100*	66.0	375.8	23,000*	135
140	58.4	363.4	17,700*	60.0	366.5	21,300*	62.4	370.4	22,900*	64.7	373.4	22,700*	140
145	56.9	360.1	16,800*	58.6	363.4	20,300*	61.0	367.6	22,700*	63.3	370.8	22,600*	145
150	55.4	356.5	16,000*	57.1	360.1	19,400*	59.5	364.6	22,000*	61.9	368.1	22,500*	150
155	53.9	352.8	15,200*	55.6	356.6	18,500*	58.1	361.4	21,100*	60.5	365.2	21,600	155
160	52.3	348.9	14,400*	54.1	352.9	17,600*	56.6	358.0	20,200*	59.0	362.1	20,500	160
165	50.7	344.7	13,700*	52.5	349.0	16,700*	55.1	354.5	19,400*	57.6	358.9	19,500	165
170	49.1	340.3	13,000*	50.9	344.9	15,900*	53.5	350.7	18,700*	56.1	355.5	18,500	170
175	47.4	335.7	12,300*	49.3	340.5	15,100*	52.0	346.7	17,900*	54.5	351.8	17,600	175
180	45.6	330.7	11,600*	47.6	335.9	14,300*	50.3	342.5	17,300*	53.0	348.0	16,800	180
185	43.9	325.4	11,000*	45.8	330.9	13,600*	48.7	338.0	16,600*	51.4	343.9	16,000	185
190	42.0	319.8	10,500*	44.1	325.7	12,900*	47.0	333.3	16,000*	49.8	339.6	15,200	190
195	40.1	313.8	10,000*	42.2	320.1	12,200*	45.3	328.3	15,500*	48.1	335.1	14,500	195
200	38.1	307.4	9,500*	40.3	314.2	11,600*	43.5	323.0	15,000*	46.4	330.3	13,900	200
205	36.0	300.4	9,000*	38.3	307.8	11,000*	41.6	317.3	14,400*	44.6	325.1	13,200	205
210	33.7	292.9	8,600*	36.2	300.9	10,400*	39.6	311.2	13,900*	42.8	319.7	12,600	210
215	31.4	284.7	8,200*	34.0	293.4	9,900*	37.6	304.6	13,100*	40.9	313.8	12,000	215
220	28.8	275.6	7,800*	31.6	285.3	9,400*	35.5	297.5	12,400*	39.0	307.6	11,500	220
225	26.0	265.4	7,500*	29.1	276.3	9,000*	33.2	289.9	11,800*	36.9	300.9	10,900	225
230	22.9	253.8	7,200*	26.4	266.3	8,600*	30.8	281.5	11,200*	34.7	293.6	10,400	230
235	19.3	239.9	7,000*	23.3	254.8	8,200*	28.2	272.2	10,600*	32.4	285.7	9,900	235
240	14.7	222.1	6,800*	19.7	241.3	7,900*	25.4	261.7	10,100*	29.9	277.0	9,400	240
245	7.5	193.4	6,800*	15.3	224.1	7,600*	22.1	249.6	9,700*	27.3	267.4	9,000	245
250				8.7	197.8	7,500*	18.4	235.1	9,200*	24.3	256.4	8,600	250
255							13.5	216.0	8,900*	20.9	243.6	8,100	255
260							4.1	178.4	8,700*	16.8	227.9	7,700	260
265										11.3	205.9	7,300	265



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.1	399.9	20,300*										85
90	72.9	398.3	20,200*										90
95	71.6	396.6	20,100*										95
100	70.4	394.8	20,000*	71.8	396.4	23,300*							100
105	69.1	392.8	19,800*	70.5	394.6	23,200*							105
110	67.8	390.7	19,700*	69.3	392.7	23,000*							110
115	66.5	388.5	19,500*	68.0	390.6	22,800*							115
120	65.2	386.1	19,300*	66.7	388.4	22,700*	68.8	391.1	22,700*				120
125	63.9	383.6	19,100*	65.4	386.0	22,500*	67.6	388.9	22,700*				125
130	62.6	381.0	18,900*	64.1	383.5	22,400*	66.3	386.7	22,500*				130
135	61.2	378.2	18,100*	62.7	380.9	21,600*	64.9	384.3	22,400*				135
140	59.9	375.2	17,300*	61.4	378.1	20,700*	63.6	381.8	22,300*	65.8	384.5	22,000*	140
145	58.5	372.1	16,500*	60.0	375.2	19,900*	62.3	379.1	22,000*	64.5	382.1	22,000*	145
150	57.0	368.8	15,700*	58.6	372.1	19,000*	60.9	376.2	21,100*	63.2	379.5	21,800*	150
155	55.6	365.3	14,900*	57.2	368.8	18,200*	59.5	373.2	20,300*	61.8	376.7	21,100	155
160	54.1	361.6	14,200*	55.8	365.3	17,300*	58.1	370.1	19,400*	60.4	373.8	20,000	160
165	52.6	357.7	13,500*	54.3	361.7	16,500*	56.7	366.7	18,700*	59.1	370.8	19,000	165
170	51.1	353.6	12,900*	52.8	357.8	15,700*	55.3	363.2	17,900*	57.7	367.6	18,000	170
175	49.6	349.3	12,200*	51.3	353.7	15,000*	53.8	359.5	17,300*	56.2	364.2	17,100	175
180	48.0	344.7	11,600*	49.7	349.4	14,300*	52.3	355.5	16,600*	54.8	360.6	16,300	180
185	46.3	339.9	11,000*	48.1	344.9	13,600*	50.8	351.4	16,000*	53.3	356.8	15,500	185
190	44.6	334.7	10,500*	46.5	340.1	12,900*	49.2	347.0	15,500*	51.8	352.8	14,800	190
195	42.9	329.3	10,000*	44.8	335.0	12,300*	47.6	342.4	14,900*	50.2	348.5	14,000	195
200	41.1	323.5	9,500*	43.1	329.6	11,700*	45.9	337.5	14,400*	48.7	344.1	13,400	200
205	39.2	317.3	9,000*	41.3	323.8	11,100*	44.2	332.3	13,900*	47.0	339.4	12,700	205
210	37.2	310.7	8,600*	39.4	317.7	10,500*	42.5	326.8	13,500*	45.4	334.4	12,100	210
215	35.2	303.5	8,200*	37.5	311.1	10,000*	40.7	320.9	13,000*	43.6	329.1	11,500	215
220	33.0	295.8	7,800*	35.4	304.0	9,500*	38.8	314.6	12,400	41.9	323.4	11,000	220
225	30.7	287.3	7,500*	33.2	296.3	9,100*	36.8	307.9	11,800	40.0	317.4	10,400	225
230	28.2	278.0	7,200*	30.9	288.0	8,700*	34.7	300.6	11,300	38.1	311.0	9,900	230
235	25.4	267.6	6,900*	28.5	278.8	8,300*	32.5	292.7	10,800	36.1	304.0	9,500	235
240	22.4	255.6	6,700*	25.8	268.5	8,000*	30.1	284.1	10,300	34.0	296.6	9,000	240
245	18.8	241.5	6,500*	22.8	256.7	7,600*	27.6	274.5	9,800	31.7	288.5	8,500	245
250	14.4	223.3	6,300*	19.3	242.9	7,400*	24.8	263.8	9,300	29.3	279.5	8,100	250
255	7.3	193.9	6,300*	15.0	225.3	7,200*	21.7	251.5	8,900	26.7	269.6	7,700	255
260				8.5	198.4	7,100*	18.0	236.6	8,400	23.8	258.4	7,300	260
265							13.2	217.1	8,000	20.5	245.3	6,900	265
270							4.0	178.6	7,500*	16.5	229.2	6,500	270
275										11.0	206.7	6,100	275



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.8	410.4	19,400*										85
90	73.6	408.8	19,300*										90
95	72.4	407.2	19,200*										95
100	71.2	405.4	19,000*	72.5	407.0	22,200*							100
105	70.0	403.6	18,900*	71.3	405.3	22,100*							105
110	68.8	401.6	18,800*	70.1	403.4	22,000*							110
115	67.5	399.4	18,600*	68.9	401.4	21,800*							115
120	66.3	397.2	18,500*	67.7	399.3	21,700*	69.7	401.8	21,700*				120
125	65.0	394.8	18,300*	66.4	397.1	21,600*	68.5	399.8	21,600*				125
130	63.8	392.3	18,100*	65.2	394.7	21,400*	67.3	397.7	21,600*				130
135	62.5	389.6	17,600*	63.9	392.2	20,900*	66.0	395.4	21,500*				135
140	61.2	386.8	16,800*	62.6	389.6	20,100*	64.8	393.0	21,400*	66.8	395.5	21,000*	140
145	59.9	383.8	16,100*	61.3	386.8	19,300*	63.5	390.4	21,300*	65.6	393.2	21,000*	145
150	58.5	380.7	15,400*	60.0	383.8	18,500*	62.2	387.7	21,200*	64.3	390.7	21,000*	150
155	57.2	377.4	14,700*	58.7	380.7	17,800*	60.9	384.9	20,900*	63.0	388.1	20,800	155
160	55.8	374.0	14,000*	57.3	377.5	17,000*	59.6	381.9	20,200*	61.7	385.4	19,700	160
165	54.4	370.3	13,300*	55.9	374.0	16,300*	58.2	378.7	19,400*	60.4	382.5	18,700	165
170	53.0	366.5	12,700*	54.5	370.4	15,500*	56.9	375.4	18,700*	59.1	379.5	17,800	170
175	51.5	362.5	12,100*	53.1	366.6	14,800*	55.5	371.9	18,000*	57.8	376.2	16,900	175
180	50.0	358.2	11,500*	51.7	362.6	14,100*	54.1	368.2	17,400*	56.4	372.9	16,000	180
185	48.5	353.7	11,000*	50.2	358.3	13,500*	52.6	364.3	16,700*	55.0	369.3	15,200	185
190	46.9	349.0	10,500*	48.7	353.9	12,900*	51.2	360.3	16,200*	53.6	365.5	14,500	190
195	45.3	344.0	10,000*	47.1	349.2	12,300*	49.7	356.0	15,400	52.1	361.6	13,800	195
200	43.7	338.7	9,500*	45.5	344.2	11,700*	48.1	351.4	14,700	50.7	357.4	13,100	200
205	42.0	333.1	9,000*	43.9	338.9	11,100*	46.6	346.6	14,000	49.1	353.0	12,500	205
210	40.2	327.1	8,600*	42.2	333.3	10,600*	45.0	341.5	13,300	47.6	348.4	11,800	210
215	38.4	320.7	8,200*	40.4	327.4	10,100*	43.3	336.2	12,700	46.0	343.5	11,300	215
220	36.4	313.9	7,900*	38.6	321.1	9,600*	41.6	330.5	12,100	44.4	338.4	10,700	220
225	34.4	306.5	7,500*	36.7	314.3	9,200*	39.8	324.4	11,600	42.7	332.9	10,200	225
230	32.3	298.6	7,200*	34.7	307.0	8,800*	37.9	318.0	11,000	41.0	327.1	9,700	230
235	30.0	289.9	6,900*	32.5	299.2	8,400*	36.0	311.0	10,500	39.2	320.9	9,200	235
240	27.6	280.4	6,600*	30.3	290.6	8,000*	34.0	303.6	10,000	37.3	314.3	8,700	240
245	24.9	269.7	6,400*	27.9	281.2	7,700*	31.8	295.5	9,500	35.3	307.1	8,300	245
250	21.9	257.5	6,200*	25.2	270.6	7,400*	29.5	286.6	9,100	33.2	299.5	7,800	250
255	18.4	243.0	6,000*	22.3	258.6	7,100*	27.0	276.9	8,600	31.0	291.1	7,400	255
260	14.1	224.4	5,900*	18.9	244.4	6,900*	24.3	265.9	8,200	28.7	282.0	7,000	260
265	7.2	194.4	5,900*	14.6	226.5	6,700*	21.2	253.2	7,800	26.1	271.9	6,600	265
270				8.3	199.0	6,700*	17.6	238.1	7,400	23.3	260.4	6,300	270
275							12.9	218.1	7,000	20.0	247.0	5,900	275
280							3.9	178.8	6,200*	16.1	230.5	5,500	280
285										10.8	207.6	5,200	285



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
90	74.2	419.3	18,200*							90
95	73.1	417.7	18,100*							95
100	71.9	416.0	18,000*							100
105	70.8	414.3	17,900*	72.1	415.9	20,900*				105
110	69.6	412.3	17,800*	70.9	414.1	20,800*				110
115	68.4	410.3	17,600*	69.7	412.2	20,700*				115
120	67.3	408.2	17,500*	68.6	410.2	20,600*				120
125	66.1	405.9	17,400*	67.4	408.0	20,500*	69.4	410.6	20,500*	125
130	64.8	403.5	17,200*	66.2	405.8	20,400*	68.2	408.6	20,400*	130
135	63.6	401.0	17,000*	65.0	403.4	20,100*	67.0	406.4	20,400*	135
140	62.4	398.3	16,300*	63.8	400.9	19,400*	65.8	404.1	20,300*	140
145	61.1	395.5	15,600*	62.5	398.2	18,700*	64.6	401.6	20,300*	145
150	59.9	392.5	15,000*	61.3	395.4	18,000*	63.3	399.1	20,200*	150
155	58.6	389.4	14,300*	60.0	392.5	17,200*	62.1	396.4	20,100*	155
160	57.3	386.1	13,700*	58.7	389.4	16,600*	60.9	393.5	19,500*	160
165	56.0	382.7	13,100*	57.4	386.1	15,900*	59.6	390.5	18,800*	165
170	54.6	379.1	12,500*	56.1	382.7	15,200*	58.3	387.4	18,100*	170
175	53.2	375.3	11,900*	54.8	379.1	14,600*	57.0	384.1	17,400*	175
180	51.8	371.3	11,400*	53.4	375.4	13,900*	55.7	380.6	16,800*	180
185	50.4	367.1	10,900*	52.0	371.4	13,300*	54.3	377.0	16,200*	185
190	49.0	362.7	10,400*	50.6	367.2	12,700*	52.9	373.1	15,700*	190
195	47.5	358.0	9,900*	49.1	362.8	12,200*	51.5	369.1	14,900	195
200	45.9	353.2	9,400*	47.6	358.2	11,600*	50.1	364.9	14,200	200
205	44.4	348.0	9,000*	46.1	353.4	11,100*	48.6	360.4	13,500	205
210	42.8	342.5	8,600*	44.6	348.2	10,600*	47.1	355.7	12,900	210
215	41.1	336.7	8,200*	43.0	342.8	10,100*	45.6	350.7	12,300	215
220	39.4	330.6	7,800*	41.3	337.0	9,700*	44.0	345.5	11,700	220
225	37.6	324.0	7,500*	39.6	330.9	9,200*	42.4	340.0	11,100	225
230	35.7	317.0	7,200*	37.8	324.4	8,800*	40.7	334.1	10,600	230
235	33.7	309.5	6,900*	35.9	317.5	8,400*	39.0	327.9	10,100	235
240	31.6	301.4	6,600*	33.9	310.0	8,100*	37.2	321.2	9,600	240
245	29.4	292.5	6,300*	31.9	302.0	7,700*	35.3	314.1	9,100	245
250	27.0	282.7	6,100*	29.7	293.2	7,400*	33.3	306.5	8,700	250
255	24.4	271.8	5,900*	27.3	283.5	7,100*	31.2	298.2	8,200	255
260	21.5	259.3	5,700*	24.7	272.7	6,900*	28.9	289.1	7,800	260
265	18.0	244.5	5,600*	21.8	260.5	6,600*	26.5	279.1	7,400	265
270	13.8	225.6	5,500*	18.5	246.0	6,400*	23.8	267.9	7,000	270
275	7.0	194.9	4,600*	14.3	227.7	6,300*	20.8	255.0	6,600	275
280				8.1	199.6	5,200*	17.2	239.5	6,200	280
285							12.6	219.1	5,800	285
290							3.8	179.0	4,800*	290





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle		
	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
90	74.8	429.7	17,200*			
95	73.7	428.2	17,100*			
100	72.6	426.6	17,000*			
105	71.5	424.9	16,900*	72.8	426.4	19,700*
110	70.4	423.1	16,800*	71.6	424.7	19,600*
115	69.3	421.1	16,600*	70.5	422.9	19,500*
120	68.1	419.1	16,500*	69.4	421.0	19,400*
125	67.0	416.9	16,400*	68.3	418.9	19,300*
130	65.8	414.6	16,200*	67.1	416.8	19,200*
135	64.7	412.2	16,100*	66.0	414.5	19,100*
140	63.5	409.6	15,800*	64.8	412.1	18,600*
145	62.3	406.9	15,100*	63.6	409.5	18,000*
150	61.1	404.1	14,500*	62.4	406.9	17,300*
155	59.9	401.2	13,900*	61.2	404.1	16,700*
160	58.6	398.1	13,300*	60.0	401.1	16,100*
165	57.4	394.8	12,800*	58.8	398.1	15,500*
170	56.1	391.4	12,200*	57.5	394.8	14,900*
175	54.8	387.8	11,700*	56.3	391.4	14,300*
180	53.5	384.1	11,200*	55.0	387.9	13,700*
185	52.2	380.1	10,700*	53.7	384.1	13,100*
190	50.8	376.0	10,200*	52.3	380.2	12,600*
195	49.4	371.6	9,800*	51.0	376.1	12,000*
200	48.0	367.1	9,300*	49.6	371.8	11,500*
205	46.5	362.3	8,900*	48.1	367.2	11,000*
210	45.0	357.2	8,500*	46.7	362.5	10,500*
215	43.5	351.9	8,200*	45.2	357.5	10,100*
220	41.9	346.3	7,800*	43.7	352.2	9,600*
225	40.3	340.3	7,400*	42.1	346.6	9,200*
230	38.6	334.0	7,100*	40.5	340.7	8,800*
235	36.8	327.3	6,800*	38.8	334.4	8,500*
240	35.0	320.1	6,500*	37.0	327.7	8,100*
245	33.1	312.4	6,300*	35.2	320.6	7,700*
250	31.0	304.1	6,000*	33.3	312.9	7,400*
255	28.8	295.0	5,800*	31.3	304.7	7,100*
260	26.5	285.0	5,600*	29.1	295.7	6,900*
265	23.9	273.8	5,500*	26.8	285.8	6,600*
270	21.0	261.1	5,300*	24.2	274.8	6,400*
275	17.7	245.9	5,200*	21.4	262.3	6,200*
280	13.5	226.6	4,900*	18.1	247.5	6,000*
285				14.0	228.8	5,400*



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 160 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.0	400.0	17,100*										85
90	72.8	398.4	17,000*										90
95	71.5	396.7	16,800*	72.9	398.2	19,500*							95
100	70.3	394.8	16,600*	71.7	396.5	19,300*							100
105	69.0	392.9	16,400*	70.4	394.7	19,100*							105
110	67.7	390.8	16,200*	69.2	392.7	18,900*							110
115	66.4	388.6	16,000*	67.9	390.7	18,700*							115
120	65.1	386.2	16,000*	66.6	388.5	18,400*	68.7	391.1	18,500*				120
125	63.8	383.7	15,600*	65.3	386.1	18,200*	67.4	389.0	18,400*				125
130	62.5	381.0	15,500*	64.0	383.6	18,000*	66.1	386.8	18,200*				130
135	61.1	378.2	15,300*	62.6	381.0	17,800*	64.8	384.4	18,000*				135
140	59.7	375.3	15,100*	61.3	378.2	17,600*	63.5	381.8	17,800*	65.7	384.6	17,800*	140
145	58.4	372.1	14,900*	59.9	375.2	17,400*	62.2	379.1	17,500*	64.4	382.1	17,600*	145
150	56.9	368.8	14,700*	58.5	372.1	17,200*	60.8	376.3	17,300*	63.1	379.6	17,400*	150
155	55.5	365.4	14,600*	57.1	368.9	17,000*	59.4	373.3	17,100*	61.7	376.8	17,200*	155
160	54.0	361.7	14,000*	55.7	365.4	16,800*	58.0	370.1	16,900*	60.3	373.9	17,100*	160
165	52.5	357.8	13,300*	54.2	361.7	16,200*	56.6	366.8	16,700*	59.0	370.9	16,900*	165
170	51.0	353.7	12,600*	52.7	357.9	15,400*	55.2	363.3	16,500*	57.6	367.6	16,700*	170
175	49.5	349.4	12,000*	51.2	353.8	14,700*	53.7	359.6	16,300*	56.1	364.2	16,500*	175
180	47.9	344.8	11,400*	49.6	349.5	14,000*	52.2	355.6	16,100*	54.7	360.7	16,300*	180
185	46.2	340.0	10,800*	48.0	345.0	13,300*	50.7	351.5	15,500*	53.2	356.9	16,100*	185
190	44.5	334.8	10,300*	46.4	340.2	12,600*	49.1	347.1	14,900*	51.7	352.9	15,400	190
195	42.8	329.4	9,800*	44.7	335.1	12,000*	47.5	342.5	14,400*	50.1	348.6	14,700	195
200	41.0	323.6	9,300*	43.0	329.7	11,400*	45.8	337.6	13,900*	48.6	344.2	14,000	200
205	39.1	317.4	8,800*	41.2	323.9	10,800*	44.1	332.4	13,400*	46.9	339.5	13,300	205
210	37.1	310.8	8,400*	39.3	317.8	10,200*	42.4	326.9	12,900*	45.3	334.5	12,700	210
215	35.1	303.7	8,000*	37.4	311.2	9,700*	40.6	321.0	12,400*	43.5	329.2	12,200	215
220	32.9	295.9	7,600*	35.3	304.1	9,200*	38.7	314.7	12,000*	41.8	323.5	11,600	220
225	30.6	287.5	7,200*	33.2	296.5	8,800*	36.7	308.0	11,600*	39.9	317.5	11,100	225
230	28.1	278.2	6,900*	30.9	288.1	8,400*	34.6	300.7	11,100*	38.0	311.1	10,600	230
235	25.4	267.8	6,600*	28.4	278.9	8,000*	32.4	292.8	10,500*	36.0	304.2	10,100	235
240	22.3	255.8	6,400*	25.7	268.7	7,600*	30.1	284.2	10,000*	33.9	296.7	9,600	240
245	18.8	241.7	6,200*	22.7	256.9	7,300*	27.5	274.7	9,500*	31.6	288.6	9,200	245
250	14.3	223.6	6,000*	19.2	243.1	7,000*	24.7	264.0	9,000*	29.2	279.7	8,700	250
255	7.4	194.6	6,000*	14.9	225.6	6,800*	21.6	251.7	8,600*	26.6	269.8	8,300	255
260				8.5	199.0	6,600*	17.9	236.8	8,200*	23.7	258.6	7,900	260
265							13.2	217.4	7,900*	20.4	245.5	7,500	265
270							4.2	179.9	7,700*	16.4	229.5	7,100	270
275										11.0	207.2	6,700	275



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.7	410.4	16,600*										85
90	73.5	408.9	16,500*										90
95	72.3	407.3	16,400*										95
100	71.1	405.5	16,200*	72.4	407.1	18,800*							100
105	69.9	403.6	16,000*	71.2	405.4	18,700*							105
110	68.7	401.6	15,800*	70.0	403.5	18,500*							110
115	67.4	399.5	15,700*	68.8	401.5	18,300*							115
120	66.2	397.3	15,500*	67.6	399.4	18,100*	69.6	401.9	18,200*				120
125	64.9	394.9	15,300*	66.3	397.2	17,900*	68.4	399.9	18,000*				125
130	63.7	392.4	15,200*	65.1	394.8	17,700*	67.2	397.7	17,800*				130
135	62.4	389.7	15,000*	63.8	392.3	17,500*	65.9	395.5	17,700*				135
140	61.1	386.9	14,900*	62.5	389.6	17,300*	64.7	393.0	17,500*	66.7	395.6	17,500*	140
145	59.8	383.9	14,700*	61.2	386.9	17,100*	63.4	390.5	17,300*	65.5	393.3	17,200*	145
150	58.4	380.8	14,600*	59.9	383.9	16,900*	62.1	387.8	17,100*	64.2	390.8	17,100*	150
155	57.1	377.5	14,400*	58.6	380.8	16,800*	60.8	385.0	16,900*	62.9	388.2	17,000*	155
160	55.7	374.1	13,800*	57.2	377.5	16,600*	59.5	382.0	16,700*	61.6	385.5	16,800*	160
165	54.3	370.4	13,100*	55.8	374.1	16,000*	58.1	378.8	16,600*	60.3	382.6	16,700*	165
170	52.9	366.6	12,500*	54.4	370.5	15,300*	56.8	375.5	16,400*	59.0	379.5	16,500*	170
175	51.4	362.6	11,900*	53.0	366.7	14,600*	55.4	372.0	16,200*	57.7	376.3	16,500*	175
180	49.9	358.3	11,300*	51.6	362.7	13,900*	54.0	368.3	15,600*	56.3	372.9	16,200*	180
185	48.4	353.8	10,800*	50.1	358.4	13,200*	52.5	364.4	15,000*	54.9	369.4	15,600	185
190	46.8	349.1	10,300*	48.6	354.0	12,600*	51.1	360.3	14,400*	53.5	365.6	14,900	190
195	45.2	344.1	9,800*	47.0	349.3	12,000*	49.6	356.0	13,900*	52.0	361.7	14,200	195
200	43.6	338.8	9,300*	45.4	344.3	11,400*	48.0	351.5	13,400*	50.6	357.5	13,500	200
205	41.9	333.2	8,800*	43.8	339.0	10,900*	46.5	346.7	12,900*	49.1	353.1	12,900	205
210	40.1	327.2	8,400*	42.1	333.5	10,300*	44.9	341.6	12,400*	47.5	348.5	12,200	210
215	38.3	320.8	8,000*	40.3	327.5	9,800*	43.2	336.3	12,000*	45.9	343.6	11,700	215
220	36.3	314.0	7,600*	38.5	321.2	9,400*	41.5	330.6	11,600*	44.3	338.5	11,100	220
225	34.3	306.7	7,300*	36.6	314.4	8,900*	39.7	324.5	11,200*	42.6	333.0	10,600	225
230	32.2	298.7	7,000*	34.6	307.2	8,500*	37.8	318.1	10,800*	40.9	327.2	10,100	230
235	29.9	290.1	6,700*	32.5	299.3	8,100*	35.9	311.1	10,500*	39.1	321.0	9,600	235
240	27.5	280.6	6,400*	30.2	290.8	7,700*	33.9	303.7	10,200*	37.2	314.4	9,100	240
245	24.8	269.9	6,100*	27.8	281.3	7,400*	31.7	295.6	9,700*	35.2	307.3	8,700	245
250	21.8	257.7	5,900*	25.2	270.8	7,100*	29.4	286.8	9,300*	33.1	299.6	8,300	250
255	18.4	243.2	5,700*	22.2	258.8	6,800*	26.9	277.0	8,800*	30.9	291.3	7,900	255
260	14.0	224.8	5,600*	18.8	244.7	6,600*	24.2	266.1	8,400*	28.6	282.2	7,500	260
265	7.2	195.1	5,600*	14.6	226.8	6,400*	21.1	253.4	8,100*	26.0	272.0	7,100	265
270				8.3	199.6	6,300*	17.5	238.3	7,800*	23.2	260.6	6,700	270
275							12.9	218.5	7,400	19.9	247.2	6,300	275
280							4.1	180.2	6,800*	16.1	230.8	6,000	280
285										10.8	208.0	5,600	285



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
90	74.1	419.4	16,000*							90
95	73.0	417.8	15,900*							95
100	71.8	416.1	15,700*							100
105	70.7	414.3	15,600*	72.0	416.0	18,100*				105
110	69.5	412.4	15,400*	70.8	414.2	18,000*				110
115	68.3	410.4	15,300*	69.6	412.3	17,800*				115
120	67.2	408.2	15,200*	68.5	410.3	17,700*				120
125	66.0	406.0	15,000*	67.3	408.1	17,500*	69.3	410.7	17,600*	125
130	64.7	403.6	14,800*	66.1	405.9	17,300*	68.1	408.6	17,400*	130
135	63.5	401.0	14,700*	64.9	403.5	17,200*	66.9	406.5	17,300*	135
140	62.3	398.4	14,500*	63.7	401.0	17,000*	65.7	404.2	17,100*	140
145	61.0	395.5	14,400*	62.4	398.3	16,800*	64.5	401.7	16,900*	145
150	59.8	392.6	14,300*	61.2	395.5	16,600*	63.3	399.2	16,800*	150
155	58.5	389.5	14,200*	59.9	392.6	16,500*	62.0	396.5	16,600*	155
160	57.2	386.2	13,500*	58.6	389.5	16,300*	60.8	393.6	16,500*	160
165	55.9	382.8	12,900*	57.3	386.2	15,700*	59.5	390.6	16,300*	165
170	54.5	379.2	12,300*	56.0	382.8	15,000*	58.2	387.5	16,100*	170
175	53.1	375.4	11,800*	54.7	379.2	14,400*	56.9	384.2	16,000*	175
180	51.7	371.4	11,200*	53.3	375.4	13,700*	55.6	380.7	15,800*	180
185	50.3	367.2	10,700*	51.9	371.5	13,100*	54.2	377.1	15,600*	185
190	48.9	362.8	10,200*	50.5	367.3	12,600*	52.8	373.2	15,000*	190
195	47.4	358.1	9,700*	49.0	362.9	12,000*	51.4	369.2	14,500*	195
200	45.9	353.3	9,300*	47.6	358.3	11,400*	50.0	365.0	14,000*	200
205	44.3	348.1	8,800*	46.0	353.5	10,900*	48.5	360.5	13,500*	205
210	42.7	342.6	8,400*	44.5	348.3	10,400*	47.1	355.8	13,000*	210
215	41.0	336.8	8,000*	42.9	342.9	9,900*	45.5	350.8	12,600*	215
220	39.3	330.7	7,700*	41.2	337.1	9,500*	43.9	345.6	12,200*	220
225	37.5	324.1	7,300*	39.5	331.0	9,000*	42.3	340.1	11,700	225
230	35.6	317.1	7,000*	37.7	324.6	8,600*	40.6	334.2	11,200	230
235	33.6	309.6	6,700*	35.8	317.6	8,200*	38.9	328.0	10,700	235
240	31.6	301.5	6,400*	33.9	310.1	7,800*	37.1	321.4	10,200	240
245	29.3	292.6	6,100*	31.8	302.1	7,500*	35.2	314.2	9,700	245
250	26.9	282.9	5,900*	29.6	293.3	7,200*	33.2	306.6	9,300	250
255	24.3	272.0	5,700*	27.2	283.7	6,900*	31.1	298.3	8,800	255
260	21.4	259.5	5,500*	24.6	272.9	6,600*	28.8	289.3	8,400	260
265	18.0	244.7	5,400*	21.8	260.7	6,400*	26.4	279.3	8,000	265
270	13.7	225.9	5,300*	18.4	246.2	6,200*	23.7	268.1	7,600	270
275	7.1	195.6	5,300*	14.3	228.0	6,000*	20.7	255.2	7,200	275
280				8.1	200.2	5,900*	17.2	239.7	6,800	280
285							12.6	219.5	6,500	285
290							4.0	180.4	5,600*	290



# Liftcrane Fixed Jib Capacities

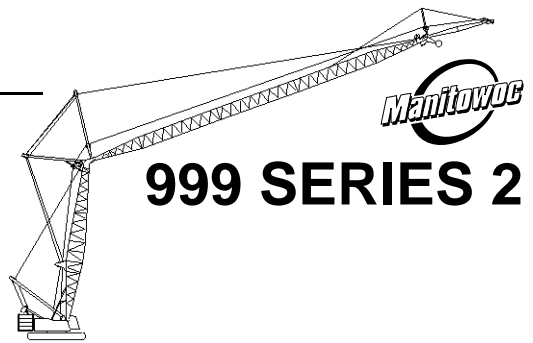
## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
90	74.7	429.8	15,400*							90
95	73.6	428.3	15,300*							95
100	72.5	426.7	15,200*							100
105	71.4	425.0	15,000*	72.7	426.5	17,500*				105
110	70.3	423.1	14,900*	71.5	424.8	17,300*				110
115	69.2	421.2	14,800*	70.4	423.0	17,200*				115
120	68.0	419.1	14,700*	69.3	421.0	17,100*				120
125	66.9	417.0	14,500*	68.2	419.0	17,000*				125
130	65.7	414.7	14,400*	67.0	416.8	16,800*	68.9	419.5	16,900*	130
135	64.6	412.2	14,300*	65.9	414.6	16,700*	67.8	417.4	16,700*	135
140	63.4	409.7	14,100*	64.7	412.2	16,500*	66.6	415.2	16,600*	140
145	62.2	407.0	14,000*	63.5	409.6	16,400*	65.5	412.9	16,500*	145
150	61.0	404.2	13,900*	62.3	407.0	16,200*	64.3	410.4	16,300*	150
155	59.8	401.3	13,800*	61.1	404.2	16,100*	63.1	407.8	16,200*	155
160	58.5	398.2	13,200*	59.9	401.2	15,900*	61.9	405.1	16,100*	160
165	57.3	394.9	12,600*	58.7	398.1	15,200*	60.7	402.3	15,900*	165
170	56.0	391.5	12,100*	57.4	394.9	14,700*	59.5	399.3	15,800*	170
175	54.7	387.9	11,600*	56.2	391.5	14,100*	58.3	396.2	15,700*	175
180	53.4	384.1	11,100*	54.9	388.0	13,500*	57.0	392.9	15,600*	180
185	52.1	380.2	10,600*	53.6	384.2	12,900*	55.7	389.4	15,200*	185
190	50.7	376.1	10,100*	52.2	380.3	12,400*	54.4	385.8	14,600*	190
195	49.3	371.7	9,600*	50.9	376.2	11,800*	53.1	382.0	14,100*	195
200	47.9	367.2	9,200*	49.5	371.9	11,300*	51.8	378.0	13,600*	200
205	46.4	362.4	8,800*	48.1	367.3	10,800*	50.4	373.8	13,100*	205
210	44.9	357.3	8,400*	46.6	362.6	10,400*	49.0	369.5	12,700*	210
215	43.4	352.0	8,000*	45.1	357.6	9,900*	47.6	364.9	12,200*	215
220	41.8	346.4	7,600*	43.6	352.3	9,500*	46.1	360.0	11,800	220
225	40.2	340.4	7,300*	42.0	346.7	9,000*	44.6	354.9	11,300	225
230	38.5	334.1	7,000*	40.4	340.8	8,600*	43.1	349.5	10,700	230
235	36.7	327.4	6,700*	38.7	334.5	8,200*	41.5	343.8	10,200	235
240	34.9	320.2	6,400*	37.0	327.8	7,900*	39.8	337.8	9,700	240
245	33.0	312.5	6,100*	35.1	320.7	7,500*	38.1	331.4	9,300	245
250	30.9	304.2	5,900*	33.2	313.1	7,200*	36.3	324.6	8,800	250
255	28.8	295.1	5,600*	31.2	304.8	6,900*	34.5	317.3	8,400	255
260	26.4	285.2	5,400*	29.0	295.8	6,600*	32.5	309.5	8,000	260
265	23.9	274.0	5,300*	26.7	286.0	6,400*	30.5	301.0	7,600	265
270	21.0	261.3	5,100*	24.2	275.0	6,100*	28.3	291.7	7,200	270
275	17.6	246.2	5,000*	21.3	262.5	5,900*	25.9	281.5	6,800	275
280	13.5	227.0	4,900*	18.1	247.7	5,800*	23.2	270.1	6,400	280
285	6.9	196.1	4,100*	14.0	229.1	5,600*	20.3	256.9	6,100	285
290				8.0	200.8	4,600*	16.8	241.1	5,700	290
295							12.3	220.5	5,400	295
300							3.9	180.7	4,300*	300



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

## 160 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle		
	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
95	74.2	438.8	14,600*			
100	73.2	437.2	14,500*			
105	72.1	435.6	14,400*			
110	71.0	433.8	14,300*	72.2	435.4	16,600*
115	70.0	431.9	14,200*	71.2	433.6	16,600*
120	68.9	430.0	14,100*	70.1	431.8	16,400*
125	67.8	427.9	14,000*	69.0	429.8	16,300*
130	66.7	425.7	13,900*	67.9	427.7	16,200*
135	65.5	423.4	13,800*	66.8	425.6	16,100*
140	64.4	420.9	13,600*	65.7	423.3	16,000*
145	63.3	418.4	13,500*	64.5	420.8	15,900*
150	62.1	415.7	13,400*	63.4	418.3	15,800*
155	61.0	412.9	13,300*	62.3	415.6	15,600*
160	59.8	409.9	12,800*	61.1	412.8	15,300*
165	58.6	406.8	12,300*	59.9	409.9	14,800*
170	57.4	403.6	11,800*	58.7	406.8	14,300*
175	56.2	400.2	11,300*	57.5	403.6	13,700*
180	54.9	396.6	10,900*	56.3	400.2	13,200*
185	53.7	392.9	10,400*	55.1	396.7	12,700*
190	52.4	389.0	9,900*	53.8	393.0	12,200*
195	51.1	384.9	9,500*	52.5	389.1	11,700*
200	49.7	380.7	9,100*	51.2	385.0	11,200*
205	48.4	376.2	8,700*	49.9	380.8	10,700*
210	47.0	371.5	8,300*	48.5	376.3	10,300*
215	45.5	366.5	8,000*	47.1	371.6	9,800*
220	44.1	361.3	7,600*	45.7	366.7	9,400*
225	42.6	355.9	7,300*	44.3	361.6	9,000*
230	41.0	350.1	6,900*	42.8	356.1	8,600*
235	39.4	344.0	6,600*	41.2	350.4	8,300*
240	37.8	337.5	6,400*	39.6	344.3	7,900*
245	36.1	330.6	6,100*	38.0	337.9	7,600*
250	34.3	323.2	5,800*	36.3	331.0	7,200*
255	32.4	315.4	5,600*	34.5	323.7	6,900*
260	30.4	306.8	5,400*	32.6	315.9	6,700*
265	28.2	297.6	5,200*	30.6	307.5	6,400*
270	25.9	287.4	5,000*	28.5	298.3	6,100*
275	23.4	276.0	4,900*	26.2	288.2	5,900*
280	20.6	263.0	4,700*	23.7	277.0	5,700*
285	17.3	247.6	4,600*	20.9	264.2	5,500*
290	13.2	228.1	4,300*	17.7	249.2	5,400*
295				13.7	230.3	4,800*



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.4	410.5	13,600*										85
90	73.2	409.0	13,500*										90
95	72.0	407.4	13,300*										95
100	70.8	405.6	13,100*	72.2	407.2	15,300*							100
105	69.6	403.7	12,900*	71.0	405.4	15,100*							105
110	68.4	401.7	12,800*	69.8	403.6	14,900*							110
115	67.2	399.6	12,600*	68.5	401.6	14,700*							115
120	65.9	397.4	12,400*	67.3	399.5	14,500*	69.4	402.0	14,600*				120
125	64.7	395.0	12,200*	66.1	397.2	14,300*	68.1	400.0	14,400*				125
130	63.4	392.4	12,000*	64.8	394.9	14,300*	66.9	397.8	14,200*				130
135	62.1	389.8	11,900*	63.5	392.4	13,900*	65.6	395.5	14,000*				135
140	60.8	387.0	11,700*	62.3	389.7	13,700*	64.4	393.1	13,800*	66.5	395.7	13,900*	140
145	59.5	384.0	11,600*	61.0	386.9	13,500*	63.1	390.6	13,600*	65.2	393.4	13,800*	145
150	58.2	380.9	11,400*	59.7	384.0	13,300*	61.8	387.9	13,500*	64.0	390.9	13,600*	150
155	56.8	377.6	11,200*	58.3	380.9	13,100*	60.5	385.1	13,300*	62.7	388.3	13,400*	155
160	55.4	374.2	11,100*	57.0	377.6	12,900*	59.2	382.1	13,100*	61.4	385.6	13,200*	160
165	54.0	370.5	10,900*	55.6	374.2	12,700*	57.9	378.9	12,900*	60.1	382.7	13,100*	165
170	52.6	366.7	10,800*	54.2	370.6	12,600*	56.5	375.6	12,900*	58.7	379.6	12,900*	170
175	51.1	362.7	10,700*	52.8	366.8	12,400*	55.1	372.1	12,600*	57.4	376.4	12,700*	175
180	49.7	358.4	10,500*	51.3	362.8	12,200*	53.7	368.4	12,400*	56.0	373.0	12,700*	180
185	48.1	353.9	10,400*	49.8	358.5	12,100*	52.3	364.5	12,200*	54.6	369.5	12,400*	185
190	46.6	349.2	10,000*	48.3	354.1	11,900*	50.8	360.5	12,200*	53.2	365.7	12,300*	190
195	45.0	344.2	9,500*	46.8	349.4	11,700*	49.3	356.1	11,900*	51.8	361.8	12,100*	195
200	43.3	338.9	9,000*	45.2	344.4	11,100*	47.8	351.6	11,700*	50.3	357.6	12,000*	200
205	41.6	333.3	8,600*	43.5	339.1	10,600*	46.2	346.8	11,600*	48.8	353.2	11,900*	205
210	39.9	327.3	8,200*	41.8	333.6	10,000*	44.6	341.8	11,500*	47.3	348.6	11,600*	210
215	38.0	320.9	7,800*	40.1	327.6	9,500*	43.0	336.4	11,300*	45.7	343.7	11,500*	215
220	36.1	314.1	7,400*	38.2	321.3	9,100*	41.2	330.7	11,200*	44.0	338.6	11,300*	220
225	34.1	306.8	7,000*	36.3	314.6	8,600*	39.5	324.7	10,800*	42.4	333.1	11,000	225
230	32.0	298.9	6,700*	34.3	307.3	8,200*	37.6	318.2	10,400*	40.6	327.3	10,500	230
235	29.7	290.2	6,400*	32.2	299.5	7,800*	35.7	311.3	10,000*	38.8	321.1	10,100	235
240	27.3	280.7	6,100*	30.0	290.9	7,400*	33.6	303.8	9,700*	36.9	314.5	9,600	240
245	24.6	270.1	5,900*	27.6	281.5	7,100*	31.5	295.8	9,300*	35.0	307.4	9,100	245
250	21.6	257.9	5,600*	24.9	271.0	6,800*	29.2	286.9	8,900*	32.9	299.8	8,700	250
255	18.2	243.5	5,400*	22.0	259.0	6,500*	26.7	277.2	8,500*	30.7	291.4	8,300	255
260	13.8	225.1	5,300*	18.6	244.9	6,200*	24.0	266.3	8,100*	28.3	282.3	7,900	260
265	7.1	195.8	5,300*	14.4	227.1	6,000*	20.9	253.7	7,700*	25.8	272.2	7,500	265
270				8.2	200.2	5,900*	17.3	238.6	7,300*	23.0	260.8	7,200	270
275							12.7	218.8	7,100*	19.7	247.4	6,800	275
280							4.2	181.6	6,900*	15.9	231.1	6,400	280
285										10.6	208.5	6,100	285



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

### 160 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	73.9	419.5	13,200*										90
95	72.7	417.9	13,100*										95
100	71.6	416.2	12,900*	72.9	417.7	15,000*							100
105	70.4	414.4	12,700*	71.7	416.0	14,800*							105
110	69.3	412.5	12,600*	70.6	414.3	14,700*							110
115	68.1	410.5	12,400*	69.4	412.4	14,400*							115
120	66.9	408.3	12,200*	68.2	410.3	14,300*							120
125	65.7	406.1	12,100*	67.0	408.2	14,100*	69.0	410.8	14,200*				125
130	64.5	403.7	11,900*	65.8	406.0	13,900*	67.8	408.7	14,000*				130
135	63.3	401.1	11,800*	64.6	403.6	13,700*	66.6	406.5	13,900*				135
140	62.0	398.5	11,600*	63.4	401.0	13,600*	65.4	404.2	13,700*				140
145	60.8	395.6	11,500*	62.2	398.4	13,400*	64.2	401.8	13,500*	66.2	404.4	13,700*	145
150	59.5	392.7	11,300*	60.9	395.6	13,200*	63.0	399.3	13,300*	65.0	402.1	13,400*	150
155	58.2	389.6	11,200*	59.7	392.7	13,000*	61.8	396.6	13,200*	63.8	399.6	13,300*	155
160	56.9	386.3	11,000*	58.4	389.6	12,900*	60.5	393.7	13,000*	62.6	397.0	13,100*	160
165	55.6	382.9	10,900*	57.1	386.3	12,700*	59.2	390.7	12,800*	61.3	394.2	13,000*	165
170	54.3	379.3	10,800*	55.8	382.9	12,500*	58.0	387.6	12,700*	60.1	391.3	12,900*	170
175	52.9	375.5	10,600*	54.4	379.3	12,300*	56.6	384.3	12,500*	58.8	388.3	12,700*	175
180	51.5	371.5	10,500*	53.1	375.5	12,200*	55.3	380.8	12,300*	57.5	385.1	12,500*	180
185	50.1	367.3	10,400*	51.7	371.6	12,000*	54.0	377.2	12,200*	56.2	381.7	12,300*	185
190	48.6	362.9	10,000*	50.2	367.4	12,000*	52.6	373.3	12,000*	54.9	378.2	12,200*	190
195	47.1	358.3	9,500*	48.8	363.0	11,700*	51.2	369.3	11,900*	53.5	374.5	12,000*	195
200	45.6	353.4	9,000*	47.3	358.4	11,100*	49.8	365.1	11,800*	52.1	370.6	11,900*	200
205	44.0	348.2	8,600*	45.8	353.6	10,600*	48.3	360.6	11,600*	50.7	366.5	11,800*	205
210	42.4	342.7	8,200*	44.2	348.4	10,100*	46.8	355.9	11,400*	49.3	362.2	11,600*	210
215	40.8	337.0	7,800*	42.6	343.0	9,600*	45.3	351.0	11,200*	47.8	357.7	11,400*	215
220	39.0	330.8	7,400*	41.0	337.3	9,200*	43.7	345.7	10,800*	46.3	352.9	11,100	220
225	37.2	324.3	7,100*	39.2	331.2	8,700*	42.1	340.2	10,400*	44.7	347.8	10,500	225
230	35.4	317.3	6,800*	37.5	324.7	8,300*	40.4	334.4	10,000*	43.1	342.5	10,000	230
235	33.4	309.8	6,400*	35.6	317.7	7,900*	38.7	328.1	9,700*	41.5	336.9	9,600	235
240	31.3	301.6	6,200*	33.6	310.3	7,500*	36.8	321.5	9,300*	39.8	330.9	9,100	240
245	29.1	292.8	5,900*	31.6	302.2	7,200*	34.9	314.4	9,000*	38.0	324.5	8,700	245
250	26.7	283.1	5,600*	29.4	293.5	6,900*	33.0	306.7	8,700*	36.2	317.7	8,300	250
255	24.1	272.2	5,400*	27.0	283.9	6,600*	30.8	298.5	8,400*	34.3	310.5	7,800	255
260	21.2	259.7	5,200*	24.4	273.1	6,300*	28.6	289.4	8,200*	32.2	302.6	7,500	260
265	17.8	245.0	5,100*	21.5	260.9	6,000*	26.2	279.5	7,900*	30.1	294.1	7,100	265
270	13.6	226.2	5,000*	18.2	246.5	5,800*	23.5	268.3	7,600*	27.8	284.8	6,700	270
275	7.0	196.4	5,000*	14.1	228.3	5,700*	20.5	255.4	7,200*	25.3	274.4	6,400	275
280				8.0	200.8	5,600*	17.0	240.0	6,900*	22.5	262.7	6,000	280
285							12.4	219.9	6,700*	19.3	249.1	5,700	285
290							4.1	181.8	6,000*	15.5	232.4	5,300	290
295										10.4	209.3	5,000	295





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 160 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
90	74.5	429.9	12,900*							90
95	73.4	428.4	12,800*							95
100	72.3	426.8	12,700*							100
105	71.2	425.0	12,500*	72.4	426.6	14,600*				105
110	70.1	423.2	12,400*	71.3	424.9	14,400*				110
115	68.9	421.3	12,200*	70.2	423.1	14,200*				115
120	67.8	419.2	12,000*	69.1	421.1	14,100*				120
125	66.7	417.0	12,000*	67.9	419.1	13,900*	69.8	421.5	14,000*	125
130	65.5	414.8	11,800*	66.8	416.9	13,700*	68.7	419.5	13,800*	130
135	64.3	412.3	11,600*	65.6	414.7	13,600*	67.5	417.5	13,700*	135
140	63.2	409.8	11,500*	64.5	412.2	13,400*	66.4	415.3	13,500*	140
145	62.0	407.1	11,400*	63.3	409.7	13,200*	65.2	412.9	13,300*	145
150	60.8	404.3	11,200*	62.1	407.1	13,100*	64.1	410.5	13,200*	150
155	59.5	401.3	11,100*	60.9	404.3	12,900*	62.9	407.9	13,000*	155
160	58.3	398.2	10,900*	59.7	401.3	12,800*	61.7	405.2	12,900*	160
165	57.0	395.0	10,800*	58.4	398.2	12,600*	60.5	402.4	12,700*	165
170	55.8	391.6	10,700*	57.2	395.0	12,400*	59.3	399.4	12,500*	170
175	54.5	388.0	10,600*	55.9	391.6	12,300*	58.0	396.3	12,400*	175
180	53.2	384.2	10,500*	54.6	388.1	12,100*	56.8	393.0	12,300*	180
185	51.8	380.3	10,300*	53.3	384.3	12,000*	55.5	389.5	12,100*	185
190	50.5	376.2	9,900*	52.0	380.4	11,800*	54.2	385.9	12,100*	190
195	49.1	371.8	9,500*	50.6	376.3	11,600*	52.9	382.1	11,900*	195
200	47.7	367.3	9,000*	49.2	372.0	11,100*	51.5	378.1	11,700*	200
205	46.2	362.5	8,600*	47.8	367.4	10,600*	50.2	374.0	11,700*	205
210	44.7	357.4	8,200*	46.4	362.7	10,100*	48.8	369.6	11,400*	210
215	43.2	352.1	7,800*	44.9	357.7	9,700*	47.3	365.0	11,300*	215
220	41.6	346.5	7,500*	43.4	352.4	9,200*	45.9	360.1	11,100*	220
225	40.0	340.6	7,100*	41.8	346.8	8,800*	44.4	355.0	11,000*	225
230	38.3	334.3	6,800*	40.2	340.9	8,400*	42.8	349.6	10,600*	230
235	36.5	327.5	6,500*	38.5	334.6	8,000*	41.2	343.9	10,200*	235
240	34.7	320.4	6,200*	36.7	328.0	7,600*	39.6	337.9	9,900*	240
245	32.8	312.7	5,900*	34.9	320.8	7,300*	37.9	331.5	9,600*	245
250	30.7	304.4	5,700*	33.0	313.2	7,000*	36.1	324.7	9,200*	250
255	28.5	295.3	5,400*	31.0	305.0	6,700*	34.3	317.4	8,800	255
260	26.2	285.3	5,200*	28.8	296.0	6,400*	32.3	309.6	8,400	260
265	23.6	274.2	5,000*	26.5	286.2	6,100*	30.3	301.1	8,000	265
270	20.8	261.5	4,900*	23.9	275.2	5,900*	28.0	291.9	7,600	270
275	17.4	246.5	4,700*	21.1	262.7	5,700*	25.7	281.7	7,200	275
280	13.3	227.3	4,700*	17.9	248.0	5,500*	23.0	270.3	6,900	280
285	6.8	196.9	4,600*	13.8	229.5	5,300*	20.1	257.1	6,500	285
290				7.9	201.5	5,200*	16.6	241.4	6,200	290
295							12.2	220.9	5,800	295
300							4.0	182.1	4,900*	300



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle		
	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
95	74.0	438.8	12,500*			
100	72.9	437.3	12,400*			
105	71.9	435.6	12,200*			
110	70.8	433.9	12,100*	72.0	435.5	14,100*
115	69.7	432.0	12,000*	70.9	433.7	13,900*
120	68.6	430.0	11,800*	69.8	431.9	13,800*
125	67.5	428.0	11,700*	68.8	429.9	13,600*
130	66.4	425.8	11,600*	67.7	427.8	13,500*
135	65.3	423.4	11,400*	66.6	425.7	13,300*
140	64.2	421.0	11,300*	65.4	423.4	13,200*
145	63.0	418.5	11,200*	64.3	420.9	13,000*
150	61.9	415.8	11,100*	63.2	418.4	12,900*
155	60.7	413.0	10,900*	62.0	415.7	12,700*
160	59.6	410.0	10,800*	60.9	412.9	12,600*
165	58.4	406.9	10,700*	59.7	410.0	12,400*
170	57.2	403.7	10,600*	58.5	406.9	12,300*
175	55.9	400.3	10,500*	57.3	403.7	12,200*
180	54.7	396.7	10,300*	56.1	400.3	12,000*
185	53.4	393.0	10,200*	54.8	396.8	11,900*
190	52.1	389.1	9,700*	53.6	393.1	11,800*
195	50.8	385.0	9,300*	52.3	389.2	11,400*
200	49.5	380.8	8,900*	51.0	385.1	11,000*
205	48.1	376.3	8,500*	49.7	380.9	10,500*
210	46.7	371.6	8,100*	48.3	376.4	10,100*
215	45.3	366.6	7,800*	46.9	371.8	9,600*
220	43.9	361.4	7,400*	45.5	366.8	9,200*
225	42.4	356.0	7,100*	44.0	361.7	8,800*
230	40.8	350.2	6,800*	42.5	356.2	8,400*
235	39.2	344.1	6,500*	41.0	350.5	8,000*
240	37.6	337.6	6,200*	39.4	344.4	7,700*
245	35.8	330.7	5,900*	37.8	338.0	7,300*
250	34.0	323.4	5,700*	36.0	331.2	7,000*
255	32.1	315.5	5,400*	34.2	323.9	6,700*
260	30.1	307.0	5,200*	32.4	316.1	6,400*
265	28.0	297.8	5,000*	30.4	307.6	6,200*
270	25.7	287.6	4,800*	28.3	298.5	5,900*
275	23.2	276.2	4,600*	26.0	288.4	5,700*
280	20.4	263.3	4,200*	23.5	277.2	5,500*
285	17.1	247.9	4,000*	20.7	264.5	5,300*
290	13.0	228.4	4,000*	17.5	249.5	5,100*
295				13.6	230.6	5,000*



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

## 160 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle		
	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
95	74.6	449.3	12,100*			
100	73.5	447.8	12,000*			
105	72.5	446.2	11,900*			
110	71.5	444.5	11,800*	72.6	446.0	13,700*
115	70.4	442.7	11,700*	71.6	444.3	13,600*
120	69.4	440.8	11,600*	70.6	442.5	13,400*
125	68.3	438.8	11,400*	69.5	440.7	13,300*
130	67.3	436.7	11,300*	68.5	438.7	13,200*
135	66.2	434.5	11,200*	67.4	436.6	13,100*
140	65.1	432.1	11,100*	66.3	434.4	12,900*
145	64.0	429.7	11,000*	65.3	432.0	12,800*
150	62.9	427.1	10,900*	64.2	429.6	12,700*
155	61.8	424.4	10,800*	63.1	427.1	12,500*
160	60.7	421.6	10,600*	62.0	424.4	12,400*
165	59.6	418.7	10,500*	60.8	421.6	12,300*
170	58.4	415.6	10,400*	59.7	418.6	12,100*
175	57.3	412.4	10,300*	58.6	415.6	12,000*
180	56.1	409.0	10,200*	57.4	412.4	11,900*
185	54.9	405.5	10,000*	56.2	409.0	11,800*
190	53.7	401.8	9,600*	55.0	405.5	11,700*
195	52.4	397.9	9,200*	53.8	401.8	11,200*
200	51.2	393.9	8,800*	52.6	398.0	10,800*
205	49.9	389.7	8,400*	51.3	394.0	10,300*
210	48.6	385.3	8,100*	50.0	389.8	9,900*
215	47.3	380.6	7,700*	48.7	385.4	9,500*
220	45.9	375.8	7,400*	47.4	380.8	9,100*
225	44.5	370.7	7,100*	46.0	376.0	8,800*
230	43.1	365.4	6,700*	44.7	370.9	8,400*
235	41.6	359.7	6,400*	43.2	365.6	8,000*
240	40.1	353.8	6,200*	41.8	360.0	7,700*
245	38.5	347.6	5,900*	40.2	354.1	7,400*
250	36.9	340.9	5,600*	38.7	347.9	7,100*
255	35.2	333.9	5,400*	37.1	341.3	6,700*
260	33.4	326.4	4,800*	35.4	334.3	6,500*
265	31.6	318.3	4,500*	33.6	326.9	6,200*
270	29.6	309.6	4,200*	31.8	318.9	5,900*
275	27.5	300.2	4,000*	29.8	310.3	5,700*
280				27.8	300.9	5,500*
285				25.5	290.6	5,300*
290				23.1	279.2	5,100*
295				20.4	266.2	4,900*
300				17.2	250.9	4,800*
305				13.3	231.7	4,000*



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	74.4	382.7	30,300*										70
75	73.0	381.2	29,900*										75
80	71.5	379.5	29,600*										80
85	70.0	377.7	29,100*	71.9	379.5	35,200*							85
90	68.5	375.7	28,400*	70.4	377.8	34,600*							90
95	66.9	373.6	27,700*	68.8	375.8	33,200*							95
100	65.4	371.3	26,800*	67.3	373.8	31,900*							100
105	63.8	368.9	25,500*	65.8	371.5	30,500*	68.7	374.6	34,800*				105
110	62.2	366.3	24,200*	64.2	369.1	29,100*	67.1	372.5	34,100*				110
115	60.6	363.5	22,900*	62.6	366.6	27,700*	65.6	370.2	33,900*				115
120	58.9	360.5	21,700*	61.0	363.8	26,400*	64.0	367.8	33,100*	66.9	370.7	30,500	120
125	57.3	357.3	20,500*	59.4	360.9	25,000*	62.4	365.2	31,600	65.4	368.4	28,700	125
130	55.6	353.9	19,500*	57.7	357.7	23,800*	60.8	362.4	29,800	63.8	365.9	27,000	130
135	53.8	350.3	18,400*	56.0	354.4	22,500*	59.1	359.5	28,200	62.2	363.3	25,500	135
140	52.0	346.4	17,400*	54.3	350.8	21,400*	57.5	356.3	26,600	60.6	360.5	24,100	140
145	50.2	342.3	16,500*	52.5	347.0	20,200*	55.8	352.9	25,200	58.9	357.5	22,800	145
150	48.3	337.9	15,600*	50.7	343.0	19,200*	54.0	349.3	23,900	57.2	354.3	21,600	150
155	46.4	333.2	14,800*	48.8	338.6	18,200*	52.3	345.5	22,700	55.5	350.9	20,400	155
160	44.4	328.1	14,000*	46.9	334.0	17,200*	50.4	341.4	21,600	53.8	347.3	19,400	160
165	42.3	322.7	13,300*	44.9	329.1	16,300*	48.6	337.1	20,500	52.0	343.4	18,400	165
170	40.1	316.9	12,600*	42.8	323.7	15,500*	46.6	332.4	19,500	50.2	339.3	17,500	170
175	37.8	310.6	12,000*	40.7	318.0	14,700*	44.6	327.4	18,600	48.3	334.9	16,600	175
180	35.4	303.7	11,500*	38.4	311.8	13,900*	42.5	322.0	17,700	46.3	330.2	15,800	180
185	32.9	296.1	10,900*	36.0	305.1	13,200*	40.4	316.2	16,900	44.3	325.2	15,000	185
190	30.1	287.8	10,500*	33.5	297.7	12,600*	38.1	310.0	16,100	42.3	319.7	14,300	190
195	27.1	278.4	10,100*	30.8	289.6	12,000*	35.7	303.2	15,300	40.1	313.9	13,600	195
200	23.7	267.6	9,700*	27.9	280.5	11,500*	33.2	295.7	14,600	37.8	307.6	12,900	200
205	19.8	254.6	9,400*	24.6	270.1	11,100*	30.5	287.5	13,900	35.4	300.7	12,300	205
210	14.9	238.0	9,300*	20.9	257.8	10,700*	27.5	278.2	13,300	32.8	293.1	11,700	210
215	7.0	210.7	9,300*	16.3	242.3	10,400*	24.2	267.6	12,700	30.1	284.7	11,100	215
220				9.7	219.6	10,200*	20.4	255.0	12,100	27.1	275.3	10,500	220
225							15.6	239.0	11,500	23.7	264.5	10,000	225
230							8.5	214.3	10,900	19.8	251.5	9,500	230
235										14.8	234.8	9,000	235
240										6.9	207.2	8,500	240



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 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, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	74.2	391.5	27,000*										75
80	72.8	390.0	26,700*										80
85	71.4	388.2	26,300*										85
90	70.0	386.4	26,000*	71.8	388.3	32,000*							90
95	68.5	384.4	25,400*	70.3	386.5	30,900*							95
100	67.0	382.2	24,900*	68.9	384.5	30,000*							100
105	65.6	379.9	24,300*	67.4	382.4	28,800*							105
110	64.1	377.5	23,100*	65.9	380.1	27,600*	68.7	383.2	30,700*				110
115	62.5	374.8	21,900*	64.4	377.7	26,400*	67.2	381.1	30,600*				115
120	61.0	372.0	20,800*	62.9	375.1	25,200*	65.8	378.8	30,400*				120
125	59.4	369.1	19,700*	61.4	372.4	24,000*	64.3	376.4	30,100*				125
130	57.8	365.9	18,700*	59.8	369.4	22,800*	62.7	373.8	28,900*	65.5	377.0	27,200	130
135	56.2	362.5	17,700*	58.2	366.3	21,700*	61.2	371.0	27,800*	64.0	374.5	25,600	135
140	54.5	358.9	16,800*	56.6	363.0	20,600*	59.6	368.0	26,600*	62.5	371.9	24,200	140
145	52.8	355.1	15,900*	55.0	359.4	19,500*	58.0	364.9	25,400*	61.0	369.1	22,900	145
150	51.1	351.0	15,000*	53.3	355.7	18,500*	56.4	361.5	24,100	59.4	366.1	21,700	150
155	49.3	346.7	14,200*	51.6	351.7	17,500*	54.8	358.0	22,900	57.8	362.9	20,600	155
160	47.5	342.1	13,500*	49.8	347.4	16,600*	53.1	354.2	21,700	56.2	359.5	19,500	160
165	45.6	337.2	12,800*	48.0	342.9	15,700*	51.3	350.1	20,700	54.5	355.9	18,500	165
170	43.7	332.0	12,100*	46.1	338.1	14,900*	49.6	345.9	19,700	52.8	352.1	17,600	170
175	41.6	326.3	11,500*	44.2	332.9	14,100*	47.7	341.3	18,700	51.1	348.1	16,700	175
180	39.5	320.3	10,900*	42.2	327.4	13,400*	45.9	336.4	17,800	49.3	343.7	15,900	180
185	37.3	313.7	10,400*	40.1	321.4	12,700*	43.9	331.2	16,900*	47.5	339.1	15,100	185
190	35.0	306.6	9,900*	37.9	315.0	12,100*	41.9	325.6	16,100*	45.6	334.2	14,400	190
195	32.5	298.8	9,400*	35.6	308.1	11,500*	39.8	319.6	15,200*	43.6	329.0	13,700	195
200	29.8	290.2	9,000*	33.1	300.5	10,900*	37.6	313.2	14,400*	41.6	323.3	13,000	200
205	26.8	280.5	8,700*	30.5	292.1	10,400*	35.3	306.1	13,700*	39.5	317.3	12,400	205
210	23.5	269.3	8,400*	27.6	282.6	9,900*	32.8	298.4	13,000*	37.3	310.7	11,800	210
215	19.7	256.0	8,100*	24.4	271.9	9,500*	30.1	289.9	12,400*	34.9	303.6	11,200	215
220	14.9	238.8	7,900*	20.7	259.2	9,200*	27.2	280.4	11,800*	32.4	295.8	10,700	220
225	7.1	210.3	7,900*	16.2	243.3	8,900*	24.0	269.4	11,300*	29.7	287.1	10,100	225
230				9.7	219.7	8,800*	20.2	256.4	10,800*	26.8	277.4	9,600	230
235							15.6	239.9	10,400*	23.5	266.2	9,100	235
240							8.5	214.3	10,000	19.6	252.9	8,700	240
245										14.8	235.7	8,200	245
250										6.9	206.8	7,700	250



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 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			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.1	400.7	24,300*										80
85	72.8	399.1	23,500*										85
90	71.4	397.4	23,300*										90
95	70.0	395.5	23,100*	71.7	397.4	27,700*							95
100	68.6	393.5	22,800*	70.4	395.6	27,200*							100
105	67.2	391.3	22,500*	69.0	393.6	27,000*							105
110	65.8	389.0	22,000*	67.6	391.5	26,500*							110
115	64.4	386.6	21,400*	66.2	389.2	25,400*	68.8	392.3	27,000*				115
120	62.9	384.0	20,400*	64.8	386.8	24,400*	67.4	390.2	26,900*				120
125	61.5	381.2	19,400*	63.3	384.2	23,300*	66.0	387.9	26,800*				125
130	60.0	378.2	18,400*	61.8	381.5	22,300*	64.6	385.5	26,700*				130
135	58.5	375.1	17,500*	60.4	378.6	21,200*	63.1	382.9	26,500*	65.8	386.1	25,800	135
140	56.9	371.8	16,600*	58.8	375.5	20,200*	61.7	380.1	25,700*	64.4	383.6	24,300	140
145	55.3	368.3	15,700*	57.3	372.3	19,200*	60.2	377.2	24,700*	62.9	381.0	23,000	145
150	53.7	364.6	14,900*	55.7	368.8	18,300*	58.6	374.1	23,700*	61.4	378.2	21,800	150
155	52.1	360.6	14,100*	54.1	365.1	17,400*	57.1	370.8	22,700*	60.0	375.3	20,700	155
160	50.4	356.4	13,400*	52.5	361.2	16,500*	55.5	367.3	21,700*	58.4	372.1	19,600	160
165	48.7	352.0	12,700*	50.8	357.1	15,600*	53.9	363.6	20,600*	56.9	368.8	18,600	165
170	46.9	347.2	12,000*	49.1	352.7	14,800*	52.3	359.7	19,700*	55.3	365.3	17,700	170
175	45.1	342.2	11,400*	47.4	348.0	14,100*	50.6	355.5	18,700*	53.7	361.6	16,800	175
180	43.2	336.8	10,800*	45.6	343.1	13,400*	48.9	351.1	17,800*	52.1	357.6	16,000	180
185	41.2	331.0	10,300*	43.7	337.8	12,700*	47.1	346.4	16,900*	50.4	353.4	15,200	185
190	39.2	324.9	9,800*	41.7	332.1	12,000*	45.3	341.4	16,000*	48.7	349.0	14,500	190
195	37.0	318.2	9,300*	39.7	326.1	11,400*	43.4	336.1	15,200*	46.9	344.2	13,800	195
200	34.8	311.0	8,800*	37.6	319.5	10,800*	41.5	330.4	14,400*	45.1	339.2	13,100	200
205	32.4	303.1	8,400*	35.4	312.4	10,300*	39.5	324.2	13,700*	43.2	333.8	12,500	205
210	29.8	294.3	8,100*	33.0	304.7	9,800*	37.3	317.6	13,000*	41.2	328.0	11,900	210
215	27.0	284.6	7,700*	30.5	296.2	9,300*	35.1	310.5	12,300*	39.2	321.8	11,300	215
220	23.8	273.4	7,500*	27.7	286.8	8,900*	32.7	302.7	11,700*	37.0	315.2	10,800	220
225	20.2	260.3	7,200*	24.7	276.0	8,600*	30.1	294.1	11,100*	34.8	307.9	10,300	225
230	15.7	243.6	7,100*	21.2	263.4	8,200*	27.3	284.5	10,600*	32.3	300.0	9,800	230
235	9.0	218.2	7,000*	17.0	247.9	8,000*	24.2	273.5	10,100*	29.8	291.3	9,300	235
240				11.2	225.9	7,800*	20.7	260.7	9,700*	26.9	281.5	8,800	240
245							16.4	244.6	9,300*	23.8	270.4	8,400	245
250							10.2	221.1	9,100*	20.1	257.1	7,900	250
255										15.7	240.4	7,500	255
260										8.9	214.8	7,100	260



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

**Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 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			86 Degree Boom Angle			83 Degree Boom Angle			80 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	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	411.2	20,200*										80
85	73.6	409.7	20,100*										85
90	72.3	408.0	20,000*										90
95	71.0	406.2	19,800*	72.6	408.0	23,200*							95
100	69.7	404.3	19,600*	71.3	406.3	23,000*							100
105	68.4	402.3	19,400*	70.0	404.4	22,900*							105
110	67.0	400.1	19,300*	68.7	402.4	22,800*							110
115	65.6	397.8	19,000*	67.3	400.2	22,600*	69.9	403.1	22,700*				115
120	64.3	395.3	18,900*	66.0	398.0	22,400*	68.5	401.1	22,600*				120
125	62.9	392.7	18,500*	64.6	395.5	22,100*	67.2	398.9	22,500*				125
130	61.5	389.9	17,600*	63.2	392.9	21,200*	65.8	396.6	22,400*				130
135	60.0	386.9	16,800*	61.8	390.2	20,300*	64.5	394.2	22,300*	67.0	397.1	22,000*	135
140	58.6	383.8	16,000*	60.4	387.3	19,400*	63.1	391.6	22,100*	65.6	394.8	22,000*	140
145	57.1	380.5	15,200*	59.0	384.2	18,500*	61.7	388.8	22,000*	64.3	392.3	21,900*	145
150	55.6	377.0	14,400*	57.5	381.0	17,600*	60.2	385.9	21,900*	62.9	389.7	21,800*	150
155	54.1	373.4	13,700*	56.0	377.5	16,800*	58.8	382.8	21,300*	61.5	386.9	20,700	155
160	52.5	369.5	13,000*	54.5	373.9	16,000*	57.3	379.5	20,400*	60.0	384.0	19,600	160
165	50.9	365.3	12,300*	52.9	370.1	15,200*	55.8	376.1	19,600*	58.6	380.8	18,600	165
170	49.3	361.0	11,700*	51.3	366.0	14,400*	54.3	372.4	18,800*	57.1	377.5	17,700	170
175	47.6	356.3	11,100*	49.7	361.7	13,700*	52.7	368.5	18,100*	55.6	374.1	16,800	175
180	45.9	351.4	10,500*	48.0	357.1	13,000*	51.1	364.4	17,300*	54.1	370.4	16,000	180
185	44.1	346.2	9,900*	46.3	352.3	12,300*	49.5	360.1	16,500*	52.5	366.5	15,200	185
190	42.3	340.6	9,400*	44.6	347.1	11,700*	47.8	355.5	15,700*	50.9	362.3	14,500	190
195	40.4	334.7	9,000*	42.7	341.7	11,100*	46.1	350.6	14,900*	49.3	358.0	13,800	195
200	38.4	328.3	8,500*	40.8	335.8	10,500*	44.3	345.4	14,100*	47.6	353.3	13,200	200
205	36.3	321.4	8,100*	38.9	329.6	10,000*	42.5	339.9	13,400*	45.9	348.4	12,500	205
210	34.1	314.0	7,700*	36.8	322.8	9,500*	40.6	334.0	12,700*	44.1	343.2	11,900	210
215	31.7	305.9	7,400*	34.6	315.5	9,000*	38.6	327.7	12,100*	42.2	337.6	11,400	215
220	29.2	296.9	7,000*	32.3	307.6	8,600*	36.5	320.9	11,500*	40.3	331.7	10,800	220
225	26.4	286.9	6,700*	29.8	298.9	8,200*	34.3	313.6	10,900*	38.3	325.3	10,300	225
230	23.4	275.5	6,500*	27.2	289.2	7,800*	32.0	305.5	10,300*	36.2	318.4	9,800	230
235	19.8	262.0	6,300*	24.2	278.1	7,500*	29.5	296.7	9,800*	34.0	311.0	9,300	235
240	15.4	245.0	6,100*	20.8	265.3	7,200*	26.8	286.8	9,400*	31.7	302.8	8,900	240
245	8.9	219.1	6,100*	16.7	249.4	7,000*	23.8	275.6	8,900*	29.2	293.9	8,400	245
250				11.0	227.0	6,800*	20.3	262.4	8,500*	26.4	283.9	8,000	250
255							16.1	246.0	8,200*	23.3	272.4	7,600	255
260							10.0	222.1	8,000*	19.8	258.9	7,200	260
265										15.4	241.8	6,800	265
270										8.8	215.7	6,400	270



# Liftcrane Fixed Jib Capacities

**999 SERIES 2**

Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 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, 70 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
85	74.2	420.2	16,500*							85
90	73.0	418.6	16,400*							90
95	71.7	416.9	16,200*							95
100	70.5	415.1	16,100*	72.0	417.0	18,700*				100
105	69.2	413.2	15,900*	70.8	415.2	18,600*				105
110	67.9	411.1	15,800*	69.5	413.3	18,400*				110
115	66.6	408.9	15,600*	68.2	411.2	18,200*				115
120	65.3	406.5	15,400*	66.9	409.0	18,000*	69.3	412.0	18,200*	120
125	64.0	404.0	15,300*	65.6	406.7	17,800*	68.1	409.9	18,000*	125
130	62.7	401.4	15,100*	64.3	404.3	17,600*	66.8	407.7	17,800*	130
135	61.3	398.6	14,900*	63.0	401.7	17,400*	65.5	405.4	17,700*	135
140	59.9	395.7	14,700*	61.7	398.9	17,300*	64.2	402.9	17,400*	140
145	58.6	392.6	14,600*	60.3	396.0	17,100*	62.8	400.3	17,300*	145
150	57.1	389.3	14,000*	58.9	393.0	16,900*	61.5	397.6	17,100*	150
155	55.7	385.8	13,300*	57.5	389.7	16,200*	60.1	394.6	16,900*	155
160	54.2	382.2	12,600*	56.1	386.3	15,500*	58.7	391.6	16,700*	160
165	52.8	378.3	12,000*	54.6	382.7	14,700*	57.3	388.3	16,600*	165
170	51.2	374.3	11,400*	53.1	378.9	14,100*	55.9	384.9	16,400*	170
175	49.7	370.0	10,800*	51.6	374.9	13,400*	54.4	381.2	16,200*	175
180	48.1	365.5	10,300*	50.1	370.7	12,700*	52.9	377.4	16,000*	180
185	46.4	360.7	9,700*	48.5	366.2	12,100*	51.4	373.4	15,700*	185
190	44.8	355.6	9,200*	46.9	361.5	11,500*	49.9	369.1	15,000*	190
195	43.0	350.2	8,800*	45.2	356.5	10,900*	48.3	364.6	14,500*	195
200	41.2	344.4	8,300*	43.5	351.2	10,300*	46.7	359.9	13,900*	200
205	39.4	338.3	7,900*	41.7	345.5	9,800*	45.0	354.8	13,200*	205
210	37.4	331.7	7,500*	39.8	339.5	9,300*	43.3	349.5	12,600*	210
215	35.4	324.7	7,100*	37.9	333.0	8,800*	41.5	343.8	11,900*	215
220	33.2	317.0	6,800*	35.9	326.1	8,400*	39.6	337.7	11,300*	220
225	30.9	308.7	6,500*	33.8	318.6	8,000*	37.7	331.2	10,700*	225
230	28.5	299.5	6,200*	31.5	310.5	7,600*	35.6	324.2	10,200*	230
235	25.8	289.3	5,900*	29.1	301.5	7,200*	33.5	316.6	9,700*	235
240	22.8	277.6	5,700*	26.5	291.6	6,900*	31.2	308.4	9,200*	240
245	19.3	263.8	5,500*	23.6	280.3	6,600*	28.8	299.3	8,700*	245
250	15.0	246.5	5,400*	20.2	267.2	6,400*	26.1	289.2	8,300*	250
255	8.7	220.3	5,400*	16.2	251.0	6,200*	23.2	277.8	7,900*	255
260				10.7	228.2	6,000*	19.8	264.3	7,600*	260
265							15.7	247.6	7,300*	265
270							9.8	223.3	7,100*	270





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 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, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			86 Degree Boom Angle			83 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	
85	74.6	430.7	13,300*							85
90	73.4	429.2	13,200*							90
95	72.2	427.6	13,000*							95
100	71.0	425.8	12,800*	72.5	427.6	15,000*				100
105	69.8	424.0	12,700*	71.3	425.9	14,800*				105
110	68.6	422.0	12,500*	70.1	424.1	14,600*				110
115	67.3	419.9	12,400*	68.9	422.1	14,400*				115
120	66.1	417.7	12,200*	67.7	420.0	14,300*	69.9	422.8	14,400*	120
125	64.8	415.3	12,000*	66.4	417.8	14,100*	68.7	420.8	14,200*	125
130	63.6	412.8	11,900*	65.2	415.5	13,900*	67.5	418.7	14,100*	130
135	62.3	410.2	11,700*	63.9	413.0	13,700*	66.3	416.5	13,900*	135
140	61.0	407.4	11,600*	62.6	410.4	13,500*	65.0	414.2	13,700*	140
145	59.7	404.4	11,400*	61.3	407.7	13,400*	63.7	411.7	13,500*	145
150	58.4	401.3	11,300*	60.0	404.8	13,200*	62.5	409.1	13,400*	150
155	57.0	398.1	11,100*	58.7	401.7	13,000*	61.2	406.3	13,200*	155
160	55.6	394.6	11,000*	57.3	398.5	12,800*	59.9	403.4	13,000*	160
165	54.2	391.0	10,900*	56.0	395.1	12,700*	58.5	400.3	12,900*	165
170	52.8	387.2	10,700*	54.6	391.6	12,500*	57.2	397.1	12,700*	170
175	51.3	383.2	10,500*	53.2	387.8	12,400*	55.8	393.7	12,500*	175
180	49.9	379.0	10,000*	51.7	383.9	12,200*	54.4	390.1	12,400*	180
185	48.3	374.6	9,500*	50.2	379.7	11,700*	53.0	386.3	12,200*	185
190	46.8	369.9	9,000*	48.7	375.3	11,200*	51.5	382.3	12,100*	190
195	45.2	364.9	8,500*	47.2	370.7	10,600*	50.1	378.1	11,900*	195
200	43.6	359.6	8,100*	45.6	365.8	10,100*	48.5	373.7	11,800*	200
205	41.9	354.1	7,700*	44.0	360.6	9,600*	47.0	369.0	11,600*	205
210	40.1	348.2	7,300*	42.3	355.1	9,100*	45.4	364.1	11,500*	210
215	38.3	341.9	6,900*	40.6	349.3	8,600*	43.8	358.9	11,300*	215
220	36.4	335.1	6,600*	38.7	343.1	8,200*	42.1	353.4	11,100*	220
225	34.4	327.9	6,300*	36.9	336.5	7,800*	40.3	347.5	10,600*	225
230	32.3	320.0	6,000*	34.9	329.3	7,400*	38.5	341.3	10,000*	230
235	30.0	311.5	5,700*	32.8	321.7	7,000*	36.6	334.6	9,500*	235
240	27.6	302.1	5,400*	30.6	313.3	6,700*	34.6	327.4	9,000*	240
245	25.0	291.6	5,200*	28.3	304.2	6,400*	32.5	319.6	8,600*	245
250	22.1	279.7	5,000*	25.7	294.0	6,100*	30.3	311.2	8,200*	250
255	18.7	265.7	4,800*	22.8	282.5	5,800*	27.9	301.9	7,800*	255
260	14.5	248.0	4,700*	19.6	269.1	5,600*	25.3	291.6	7,400*	260
265	8.4	221.5	4,700*	15.7	252.6	5,400*	22.5	279.9	7,100*	265
270				10.3	229.5	5,300*	19.1	266.2	6,700*	270
275							15.1	249.1	6,500*	275
280							9.4	224.6	6,300*	280