

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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 (*).

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath luffing jib point, intermediate fall or 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 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. A07996**, luffing jib assembly **No. A05469**, Wire Rope Specification chart **No. 8523-B** and Luffing Jib Raising Procedure chart **No. 8524-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. 8525-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.

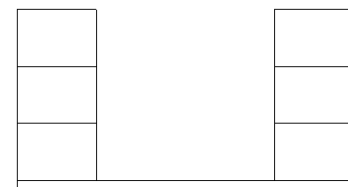
FIXED JIB POINT ELEVATION: Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 23 Ft. 10 in. crawlers, 48 in. treads, 23 Ft. live mast, 16 part boom hoist reeving, boom support straps, 6 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants, two 1-3/8 in. luffing jib backstays, rotating bed No. A01066¹ or No. A03188 (refer to I.D. plate at front of rotating bed), 98,500 Lb. crane counterweight and two 22,000 Lb. carbody counterweights.

¹**WARNING:** 1,250 Lb. front counterweight is required for cranes with rotating bed No. A01066 that do not have free-fall option. Counterweight can be removed only if crane has free-fall option on both front and rear drums.

Maximum capacity on 28 mm wire rope is 26,500 Lbs.

Consult chart **No. 8521-A** for luffing jib capacities.



98,500 Lb. Crane Counterweight
6 Side Boxes

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
55	75.7	291.2	26,500*							55
60	73.9	289.7	26,300*							60
65	72.2	288.2	26,000*							65
70	70.4	286.4	25,800*	72.6	288.2	25,800*				70
75	68.6	284.5	25,400*	70.8	286.5	25,600*				75
80	66.8	282.4	24,300*	69.1	284.6	25,300*				80
85	64.9	280.1	23,300*	67.2	282.5	24,700*				85
90	63.0	277.6	22,300*	65.4	280.3	23,700*				90
95	61.2	274.9	21,400*	63.5	277.8	22,700*	67.4	281.2	23,700*	95
100	59.2	272.0	20,600*	61.6	275.1	21,800*	65.5	279.0	23,600*	100
105	57.2	268.8	19,900*	59.7	272.3	21,000*	63.7	276.5	22,400	105
110	55.2	265.4	19,100*	57.7	269.2	20,200*	61.8	273.9	21,000	110
115	53.1	261.7	18,500*	55.7	265.8	19,500*	59.8	271.0	19,700	115
120	51.0	257.7	17,900*	53.6	262.2	18,800*	57.9	268.0	18,500	120
125	48.8	253.4	17,300*	51.5	258.3	18,200*	55.9	264.6	17,500	125
130	46.5	248.7	16,800*	49.3	254.1	17,600*	53.8	261.0	16,500	130
135	44.1	243.7	16,300*	47.1	249.5	17,000*	51.7	257.1	15,600	135
140	41.6	238.2	15,800*	44.7	244.6	16,200	49.5	253.0	14,700	140
145	39.0	232.2	15,400*	42.2	239.2	15,400	47.2	248.4	14,000	145
150	36.2	225.6	15,000*	39.7	233.3	14,600	44.9	243.5	13,200	150
155	33.2	218.2	14,600*	36.9	226.9	13,900	42.4	238.2	12,500	155
160	30.0	209.9	14,000	34.0	219.7	13,200	39.8	232.3	11,900	160
165	26.3	200.3	13,300	30.8	211.6	12,600	37.1	225.9	11,300	165
170	22.2	188.9	12,600*	27.3	202.4	12,000	34.2	218.8	10,800	170
175	17.0	174.4	10,600*	23.3	191.6	11,400	31.0	210.8	10,200	175
180	9.4	152.1	7,900*	18.5	178.1	10,800	27.6	201.7	9,700	180
185				11.8	158.8	9,500*	23.6	191.0	9,300	185
190							18.9	177.7	8,800	190
195							12.4	159.2	8,400	195



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	74.8	300.2	23,800*							60
65	73.2	298.7	23,500*							65
70	71.5	297.0	23,200*							70
75	69.8	295.2	22,900*	71.9	297.0	22,800*				75
80	68.1	293.3	22,500*	70.3	295.3	22,600*				80
85	66.4	291.1	22,300*	68.6	293.3	22,300*				85
90	64.7	288.8	21,800*	66.8	291.2	22,000*				90
95	62.9	286.3	21,000*	65.1	289.0	21,800*				95
100	61.1	283.5	20,200*	63.3	286.5	21,300*	67.0	290.0	20,900*	100
105	59.2	280.6	19,500*	61.5	283.8	20,500*	65.2	287.7	20,800*	105
110	57.4	277.5	18,800*	59.7	280.9	19,800*	63.5	285.2	20,600*	110
115	55.5	274.1	18,200*	57.9	277.9	19,100*	61.7	282.6	19,500	115
120	53.5	270.4	17,600*	56.0	274.5	18,500*	59.8	279.7	18,400	120
125	51.5	266.5	17,100*	54.0	271.0	17,900*	58.0	276.6	17,300	125
130	49.4	262.3	16,500*	52.0	267.1	17,300*	56.1	273.3	16,300	130
135	47.3	257.8	16,100*	50.0	263.0	16,800*	54.2	269.8	15,400	135
140	45.1	252.9	15,600*	47.8	258.5	16,100	52.2	266.0	14,600	140
145	42.8	247.6	15,200*	45.7	253.7	15,200	50.1	261.9	13,800	145
150	40.4	241.9	14,800*	43.4	248.6	14,500	48.0	257.4	13,100	150
155	37.8	235.6	14,400*	41.0	242.9	13,700	45.8	252.7	12,400	155
160	35.1	228.7	13,800	38.5	236.8	13,100	43.5	247.5	11,800	160
165	32.2	221.1	13,200	35.8	230.1	12,400	41.2	241.9	11,200	165
170	29.1	212.4	12,600	33.0	222.6	11,800	38.7	235.8	10,600	170
175	25.6	202.6	12,000	29.9	214.3	11,300	36.0	229.2	10,100	175
180	21.5	190.8	11,100*	26.5	204.8	10,700	33.2	221.8	9,600	180
185	16.5	175.8	9,200*	22.6	193.6	10,200	30.1	213.5	9,100	185
190	9.1	152.9	6,800*	17.9	179.6	9,700	26.8	204.1	8,700	190
195				11.4	159.8	8,200*	22.9	193.0	8,300	195
200							18.3	179.3	7,800	200
205							12.1	160.2	7,400	205

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	75.6	310.5	21,300*							60
65	74.1	309.1	21,000*							65
70	72.5	307.6	20,700*							70
75	70.9	305.9	20,400*	72.9	307.5	20,300*				75
80	69.3	304.0	20,000*	71.3	305.9	20,000*				80
85	67.7	302.0	19,700*	69.7	304.1	19,700*				85
90	66.1	299.8	19,400*	68.1	302.1	19,500*				90
95	64.4	297.5	19,200*	66.5	300.0	19,200*				95
100	62.7	294.9	18,900*	64.8	297.6	19,000*				100
105	61.0	292.2	18,700*	63.2	295.1	18,800*	66.6	298.7	18,300*	105
110	59.3	289.3	18,400*	61.5	292.5	18,600*	65.0	296.4	18,100*	110
115	57.5	286.1	17,800*	59.7	289.6	18,300*	63.3	293.9	18,000*	115
120	55.7	282.8	17,300*	58.0	286.5	18,100*	61.6	291.2	17,800*	120
125	53.9	279.2	16,800*	56.2	283.2	17,500*	59.9	288.4	17,000	125
130	52.0	275.3	16,300*	54.3	279.7	17,000*	58.1	285.3	16,000	130
135	50.0	271.2	15,900*	52.5	275.9	16,500*	56.3	282.0	15,100	135
140	48.0	266.8	15,400*	50.5	271.9	15,800	54.5	278.5	14,200	140
145	46.0	262.0	15,000*	48.5	267.5	14,900	52.6	274.7	13,500	145
150	43.8	256.9	14,700*	46.5	262.9	14,200	50.7	270.7	12,700	150
155	41.6	251.4	14,200*	44.4	257.8	13,400	48.7	266.4	12,100	155
160	39.2	245.4	13,600	42.2	252.4	12,800	46.6	261.8	11,400	160
165	36.8	238.9	12,900	39.8	246.6	12,100	44.5	256.8	10,800	165
170	34.2	231.8	12,300	37.4	240.2	11,500	42.3	251.4	10,300	170
175	31.3	223.9	11,700	34.8	233.2	11,000	40.0	245.6	9,800	175
180	28.3	214.9	11,100	32.1	225.5	10,400	37.6	239.2	9,300	180
185	24.9	204.7	10,600	29.1	216.9	9,900	35.0	232.3	8,800	185
190	20.9	192.6	9,600*	25.8	207.0	9,500	32.3	224.7	8,400	190
195	16.1	177.2	7,800*	22.0	195.5	9,000	29.3	216.1	7,900	195
200	8.8	153.6	5,600*	17.4	181.1	8,600	26.0	206.4	7,500	200
205				11.1	160.7	7,000*	22.3	195.0	7,200	205
210							17.8	180.9	6,800	210
215							11.7	161.2	6,400	215



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	75.2	300.1	22,000*							60
65	73.6	298.6	21,700*							65
70	71.9	297.0	21,500*							70
75	70.2	295.2	21,300*	72.3	297.0	21,600*				75
80	68.5	293.2	20,800*	70.7	295.2	21,400*				80
85	66.8	291.0	19,900*	69.0	293.3	21,200*				85
90	65.1	288.7	19,100*	67.3	291.2	20,300*				90
95	63.3	286.2	18,300*	65.5	288.9	19,400*				95
100	61.5	283.5	17,600*	63.7	286.4	18,600*	67.4	289.9	20,200*	100
105	59.7	280.5	16,900*	62.0	283.8	17,900*	65.7	287.6	19,500*	105
110	57.8	277.4	16,300*	60.1	280.9	17,200*	63.9	285.2	18,700*	110
115	55.9	274.0	15,700*	58.3	277.8	16,600*	62.1	282.5	18,000*	115
120	53.9	270.4	15,200*	56.4	274.5	16,000*	60.3	279.6	17,300*	120
125	51.9	266.5	14,700*	54.4	270.9	15,400*	58.4	276.6	16,700*	125
130	49.8	262.3	14,200*	52.4	267.0	14,900*	56.5	273.3	16,100*	130
135	47.7	257.7	13,800*	50.4	262.9	14,400*	54.6	269.7	15,600*	135
140	45.5	252.8	13,400*	48.2	258.5	14,000*	52.6	265.9	14,900	140
145	43.2	247.6	13,000*	46.0	253.7	13,600*	50.5	261.8	14,100	145
150	40.8	241.8	12,600*	43.8	248.5	13,200*	48.4	257.4	13,400	150
155	38.2	235.5	12,300*	41.4	242.9	12,800*	46.2	252.6	12,700	155
160	35.5	228.6	12,000*	38.9	236.7	12,500*	43.9	247.4	12,100	160
165	32.6	221.0	11,700*	36.2	230.0	12,100*	41.6	241.9	11,500	165
170	29.5	212.3	11,400*	33.4	222.6	11,800*	39.1	235.8	10,900	170
175	26.0	202.4	11,200*	30.3	214.2	11,600*	36.4	229.1	10,400	175
180	21.9	190.6	10,900*	26.9	204.7	11,000	33.6	221.7	9,900	180
185	16.9	175.6	9,700*	23.0	193.4	10,500	30.5	213.4	9,400	185
190	9.4	152.5	7,200*	18.3	179.5	10,000	27.1	204.0	9,000	190
195				11.8	159.6	8,700*	23.3	192.9	8,500	195
200							18.7	179.2	8,100	200
205							12.4	160.0	7,700	205

Liftcrane Fixed Jib Capacities

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	74.5	309.1	20,600*							65
70	72.9	307.5	20,300*							70
75	71.3	305.8	20,000*							75
80	69.7	304.0	19,700*	71.7	305.8	19,700*				80
85	68.1	302.0	19,400*	70.1	304.0	19,500*				85
90	66.5	299.8	18,700*	68.5	302.0	19,200*				90
95	64.8	297.4	17,900*	66.9	299.9	19,000*				95
100	63.1	294.9	17,200*	65.2	297.6	18,200*				100
105	61.4	292.1	16,600*	63.5	295.1	17,500*	67.0	298.6	18,200*	105
110	59.7	289.2	16,000*	61.8	292.4	16,800*	65.3	296.3	18,000*	110
115	57.9	286.1	15,400*	60.1	289.5	16,200*	63.7	293.8	17,600*	115
120	56.1	282.7	14,900*	58.4	286.5	15,700*	62.0	291.2	17,000*	120
125	54.2	279.1	14,400*	56.6	283.2	15,100*	60.2	288.3	16,300*	125
130	52.4	275.3	14,000*	54.7	279.6	14,700*	58.5	285.2	15,800*	130
135	50.4	271.1	13,600*	52.8	275.8	14,200*	56.7	282.0	15,300*	135
140	48.4	266.7	13,200*	50.9	271.8	13,800*	54.9	278.4	14,700	140
145	46.3	262.0	12,800*	48.9	267.4	13,400*	53.0	274.7	13,900	145
150	44.2	256.9	12,500*	46.9	262.8	13,000*	51.0	270.6	13,200	150
155	42.0	251.4	12,100*	44.7	257.8	12,600*	49.1	266.3	12,500	155
160	39.6	245.4	11,800*	42.5	252.4	12,300*	47.0	261.7	11,900	160
165	37.2	238.9	11,500*	40.2	246.5	12,000*	44.9	256.7	11,300	165
170	34.5	231.7	11,300*	37.8	240.1	11,700*	42.7	251.3	10,800	170
175	31.7	223.8	11,000*	35.2	233.1	11,400*	40.4	245.5	10,200	175
180	28.6	214.9	10,800*	32.5	225.4	10,900	38.0	239.2	9,700	180
185	25.2	204.6	10,500*	29.5	216.8	10,400	35.4	232.2	9,300	185
190	21.3	192.5	10,200*	26.1	206.9	9,900	32.7	224.6	8,800	190
195	16.4	177.0	8,400*	22.4	195.3	9,500	29.7	216.0	8,400	195
200	9.1	153.2	6,200*	17.8	181.0	9,000	26.4	206.2	8,000	200
205				11.4	160.5	7,500*	22.6	194.8	7,600	205
210							18.2	180.7	7,200	210
215							12.0	160.9	6,900	215

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.3	319.5	18,700*							65
70	73.8	318.0	18,400*							70
75	72.3	316.4	18,200*							75
80	70.8	314.6	17,900*	72.7	316.4	17,900*				80
85	69.2	312.7	17,500*	71.2	314.7	17,600*				85
90	67.7	310.7	17,300*	69.6	312.8	17,300*				90
95	66.2	308.5	17,100*	68.1	310.8	17,100*				95
100	64.6	306.1	16,800*	66.6	308.6	17,000*				100
105	63.0	303.5	16,200*	65.0	306.3	16,700*				105
110	61.3	300.8	15,700*	63.4	303.8	16,500*	66.7	307.3	16,200*	110
115	59.7	297.9	15,100*	61.8	301.1	15,900*	65.1	305.0	16,000*	115
120	58.0	294.7	14,600*	60.1	298.2	15,300*	63.5	302.5	15,900*	120
125	56.3	291.4	14,200*	58.4	295.1	14,800*	61.9	299.8	15,800*	125
130	54.5	287.9	13,700*	56.7	291.9	14,400*	60.2	297.0	15,400*	130
135	52.8	284.1	13,300*	55.0	288.4	13,900*	58.6	293.9	14,900*	135
140	50.9	280.0	13,000*	53.2	284.6	13,500*	56.9	290.6	14,400	140
145	49.0	275.7	12,600*	51.4	280.6	13,100*	55.1	287.2	13,600	145
150	47.1	271.1	12,300*	49.5	276.4	12,800*	53.3	283.5	12,900	150
155	45.1	266.1	12,000*	47.6	271.8	12,400*	51.5	279.5	12,200	155
160	43.0	260.8	11,700*	45.6	267.0	12,100*	49.7	275.2	11,600	160
165	40.8	255.0	11,400*	43.5	261.7	11,800*	47.7	270.7	11,000	165
170	38.6	248.8	11,100*	41.4	256.1	11,500*	45.7	265.9	10,400	170
175	36.2	242.1	10,900*	39.1	250.0	11,100	43.7	260.7	9,900	175
180	33.6	234.7	10,600*	36.8	243.4	10,600	41.5	255.1	9,400	180
185	30.9	226.5	10,400*	34.3	236.2	10,100	39.3	249.0	9,000	185
190	27.9	217.3	10,200*	31.6	228.2	9,600	37.0	242.5	8,500	190
195	24.6	206.7	9,700*	28.7	219.3	9,200	34.5	235.3	8,100	195
200	20.7	194.2	8,700*	25.5	209.1	8,700	31.8	227.4	7,700	200
205	16.0	178.4	7,100*	21.8	197.2	8,300	28.9	218.5	7,300	205
210	8.9	153.9	5,000*	17.3	182.4	7,900	25.7	208.5	6,900	210
215				11.1	161.4	6,300*	22.0	196.7	6,600	215
220							17.7	182.2	6,300	220
225							11.7	161.9	5,900	225

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	74.6	309.1	18,400*							65
70	73.0	307.5	18,200*							70
75	71.4	305.8	17,800*							75
80	69.8	304.0	17,500*	71.8	305.9	17,600*				80
85	68.2	302.0	17,200*	70.2	304.0	17,300*				85
90	66.6	299.8	16,900*	68.6	302.1	17,000*				90
95	64.9	297.4	16,300*	67.0	299.9	16,800*				95
100	63.2	294.9	15,600*	65.3	297.6	16,500*				100
105	61.5	292.1	15,000*	63.7	295.1	15,900*	67.1	298.6	16,300*	105
110	59.8	289.2	14,500*	62.0	292.4	15,300*	65.4	296.3	16,100*	110
115	58.0	286.1	13,900*	60.2	289.5	14,700*	63.8	293.9	15,900*	115
120	56.2	282.7	13,400*	58.5	286.5	14,100*	62.1	291.2	15,400*	120
125	54.3	279.1	13,000*	56.7	283.2	13,600*	60.3	288.3	14,800*	125
130	52.5	275.3	12,500*	54.8	279.6	13,200*	58.6	285.2	14,300*	130
135	50.5	271.2	12,100*	52.9	275.9	12,700*	56.8	282.0	13,800*	135
140	48.5	266.7	11,800*	51.0	271.8	12,300*	55.0	278.5	13,300*	140
145	46.4	262.0	11,400*	49.0	267.5	11,900*	53.1	274.7	12,800*	145
150	44.3	256.9	11,100*	47.0	262.8	11,600*	51.2	270.7	12,400*	150
155	42.0	251.4	10,800*	44.8	257.8	11,200*	49.2	266.3	12,000*	155
160	39.7	245.4	10,500*	42.6	252.4	10,900*	47.1	261.7	11,700*	160
165	37.2	238.9	10,200*	40.3	246.5	10,600*	45.0	256.7	11,300*	165
170	34.6	231.7	9,900*	37.9	240.1	10,300*	42.8	251.3	11,000*	170
175	31.8	223.8	9,700*	35.3	233.1	10,100*	40.5	245.5	10,500	175
180	28.7	214.9	9,500*	32.5	225.4	9,800*	38.1	239.2	10,000	180
185	25.3	204.6	9,200*	29.5	216.8	9,600*	35.5	232.2	9,500	185
190	21.4	192.5	9,000*	26.2	206.9	9,300*	32.8	224.6	9,100	190
195	16.5	177.1	8,700*	22.5	195.4	9,100*	29.8	216.0	8,700	195
200	9.2	153.3	6,500*	17.9	181.0	8,900*	26.5	206.3	8,300	200
205				11.6	160.5	7,900*	22.7	194.9	7,900	205
210							18.3	180.7	7,500	210
215							12.1	161.0	7,100	215

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.4	319.5	17,300*							65
70	73.9	318.0	17,000*							70
75	72.4	316.4	16,800*							75
80	70.9	314.7	16,500*	72.8	316.4	16,600*				80
85	69.3	312.8	16,200*	71.2	314.7	16,300*				85
90	67.8	310.7	15,900*	69.7	312.8	16,100*				90
95	66.2	308.5	15,700*	68.2	310.8	15,800*				95
100	64.7	306.1	15,300*	66.6	308.6	15,600*				100
105	63.1	303.5	14,700*	65.1	306.3	15,400*				105
110	61.4	300.8	14,200*	63.5	303.8	15,000*	66.7	307.4	15,000*	110
115	59.8	297.9	13,700*	61.8	301.1	14,400*	65.2	305.0	14,900*	115
120	58.1	294.8	13,200*	60.2	298.2	13,900*	63.6	302.5	14,700*	120
125	56.4	291.4	12,700*	58.5	295.1	13,400*	62.0	299.8	14,500*	125
130	54.6	287.9	12,300*	56.8	291.9	12,900*	60.3	297.0	14,000*	130
135	52.8	284.1	11,900*	55.1	288.4	12,500*	58.7	293.9	13,500*	135
140	51.0	280.0	11,600*	53.3	284.6	12,100*	57.0	290.7	13,000*	140
145	49.1	275.7	11,200*	51.5	280.6	11,700*	55.2	287.2	12,600*	145
150	47.2	271.1	10,900*	49.6	276.4	11,400*	53.4	283.5	12,200*	150
155	45.2	266.1	10,600*	47.7	271.8	11,000*	51.6	279.5	11,800*	155
160	43.1	260.8	10,300*	45.7	267.0	10,700*	49.7	275.3	11,500*	160
165	40.9	255.1	10,000*	43.6	261.7	10,400*	47.8	270.7	11,100*	165
170	38.7	248.8	9,800*	41.5	256.1	10,200*	45.8	265.9	10,800*	170
175	36.2	242.1	9,500*	39.2	250.0	9,900*	43.8	260.7	10,300	175
180	33.7	234.7	9,300*	36.9	243.4	9,700*	41.6	255.1	9,800	180
185	31.0	226.5	9,100*	34.4	236.2	9,400*	39.4	249.1	9,400	185
190	28.0	217.3	8,900*	31.7	228.2	9,200*	37.0	242.5	8,900	190
195	24.7	206.8	8,700*	28.8	219.3	9,000*	34.6	235.3	8,500	195
200	20.8	194.2	8,500*	25.5	209.1	8,800*	31.9	227.4	8,100	200
205	16.1	178.4	7,600*	21.9	197.2	8,600*	29.0	218.6	7,700	205
210	9.0	154.0	5,500*	17.4	182.4	8,400	25.8	208.5	7,400	210
215				11.2	161.4	6,800*	22.1	196.7	7,000	215
220							17.8	182.2	6,700	220
225							11.8	161.9	6,400	225

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	74.7	328.5	15,800*							70
75	73.2	326.9	15,500*							75
80	71.8	325.3	15,300*							80
85	70.4	323.5	15,000*	72.2	325.3	15,100*				85
90	68.9	321.5	14,800*	70.7	323.5	14,900*				90
95	67.4	319.4	14,600*	69.3	321.6	14,700*				95
100	65.9	317.2	14,300*	67.8	319.5	14,500*				100
105	64.4	314.8	14,100*	66.3	317.3	14,300*				105
110	62.9	312.2	13,900*	64.8	315.0	14,100*	67.9	318.3	13,900*	110
115	61.4	309.5	13,400*	63.3	312.5	13,900*	66.4	316.1	13,700*	115
120	59.8	306.5	12,900*	61.8	309.7	13,600*	64.9	313.7	13,600*	120
125	58.2	303.4	12,500*	60.2	306.9	13,100*	63.4	311.2	13,500*	125
130	56.6	300.1	12,100*	58.6	303.8	12,700*	61.9	308.5	13,300*	130
135	54.9	296.6	11,700*	57.0	300.5	12,300*	60.3	305.6	13,200*	135
140	53.2	292.9	11,400*	55.3	297.1	11,900*	58.7	302.6	12,800*	140
145	51.5	288.9	11,000*	53.6	293.4	11,500*	57.1	299.4	12,400*	145
150	49.7	284.6	10,700*	51.9	289.5	11,200*	55.5	295.9	12,000*	150
155	47.9	280.1	10,400*	50.1	285.3	10,900*	53.8	292.2	11,600*	155
160	46.0	275.3	10,200*	48.3	280.8	10,600*	52.0	288.3	11,300*	160
165	44.0	270.1	9,900*	46.5	276.1	10,300*	50.3	284.2	10,900*	165
170	42.0	264.6	9,600*	44.5	271.0	10,000*	48.5	279.7	10,500	170
175	39.9	258.6	9,400*	42.5	265.6	9,800*	46.6	275.0	10,000	175
180	37.7	252.2	9,200*	40.4	259.7	9,500*	44.7	270.0	9,500	180
185	35.3	245.2	9,000*	38.2	253.4	9,300*	42.7	264.6	9,100	185
190	32.8	237.6	8,800*	35.9	246.6	9,100*	40.6	258.7	8,600	190
195	30.2	229.1	8,600*	33.5	239.2	8,900*	38.4	252.5	8,200	195
200	27.3	219.7	8,400*	30.9	230.9	8,700*	36.1	245.7	7,800	200
205	24.0	208.8	8,300*	28.0	221.7	8,500	33.7	238.3	7,400	205
210	20.3	196.0	7,900*	24.9	211.3	8,100	31.1	230.1	7,100	210
215	15.7	179.7	6,400*	21.3	199.1	7,700	28.3	221.0	6,700	215
220	8.7	154.7	4,500*	17.0	183.9	7,300	25.1	210.7	6,400	220
225				10.9	162.3	5,700*	21.6	198.6	6,100	225
230							17.3	183.7	5,800	230
235							11.5	162.9	5,500	235

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.2	319.5	14,600*							65
70	73.7	318.1	14,400*							70
75	72.2	316.5	14,100*							75
80	70.7	314.7	13,800*	72.6	316.5	14,000*				80
85	69.2	312.8	13,500*	71.1	314.7	13,700*				85
90	67.6	310.7	13,200*	69.5	312.9	13,400*				90
95	66.1	308.5	12,900*	68.0	310.9	13,200*				95
100	64.5	306.1	12,700*	66.4	308.7	12,900*				100
105	62.9	303.6	12,400*	64.9	306.3	12,700*				105
110	61.2	300.9	12,200*	63.3	303.8	12,400*	66.6	307.4	12,600*	110
115	59.6	297.9	12,000*	61.7	301.1	12,200*	65.0	305.1	12,400*	115
120	57.9	294.8	11,800*	60.0	298.3	12,000*	63.4	302.6	12,200*	120
125	56.2	291.5	11,600*	58.3	295.2	11,800*	61.8	299.9	12,000*	125
130	54.5	287.9	11,400*	56.6	291.9	11,600*	60.1	297.0	11,800*	130
135	52.7	284.1	11,000*	54.9	288.4	11,400*	58.5	294.0	11,700*	135
140	50.8	280.1	10,600*	53.1	284.7	11,100*	56.8	290.7	11,500*	140
145	48.9	275.7	10,300*	51.3	280.7	10,800*	55.0	287.2	11,300*	145
150	47.0	271.1	10,000*	49.4	276.5	10,400*	53.2	283.5	11,100*	150
155	45.0	266.2	9,700*	47.5	271.9	10,100*	51.4	279.5	10,900*	155
160	42.9	260.9	9,400*	45.5	267.0	9,800*	49.6	275.3	10,500*	160
165	40.7	255.1	9,100*	43.4	261.8	9,500*	47.6	270.8	10,200*	165
170	38.5	248.9	8,900*	41.3	256.2	9,200*	45.7	266.0	9,900*	170
175	36.1	242.2	8,600*	39.0	250.1	9,000*	43.6	260.7	9,600*	175
180	33.5	234.8	8,400*	36.7	243.5	8,700*	41.5	255.2	9,300*	180
185	30.8	226.6	8,200*	34.2	236.3	8,500*	39.2	249.1	9,000*	185
190	27.8	217.4	8,000*	31.5	228.3	8,300*	36.9	242.6	8,800*	190
195	24.5	206.9	7,800*	28.6	219.4	8,100*	34.4	235.4	8,600*	195
200	20.6	194.4	7,600*	25.4	209.2	7,900*	31.7	227.5	8,400	200
205	15.9	178.6	7,500*	21.7	197.4	7,700*	28.8	218.6	8,000	205
210	8.9	154.3	5,800*	17.2	182.6	7,500*	25.6	208.6	7,600	210
215				11.1	161.7	7,100*	22.0	196.9	7,300	215
220							17.6	182.4	6,900	220
225							11.7	162.2	6,600	225

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.9	329.9	14,000*							65
70	74.5	328.5	13,800*							70
75	73.1	327.0	13,500*							75
80	71.6	325.3	13,200*							80
85	70.2	323.5	13,000*	72.0	325.3	13,100*				85
90	68.7	321.6	12,700*	70.6	323.6	12,900*				90
95	67.3	319.5	12,500*	69.1	321.6	12,700*				95
100	65.8	317.2	12,200*	67.6	319.6	12,400*				100
105	64.3	314.8	12,000*	66.2	317.4	12,200*				105
110	62.7	312.3	11,800*	64.6	315.0	12,000*	67.7	318.3	12,100*	110
115	61.2	309.5	11,600*	63.1	312.5	11,800*	66.3	316.1	11,900*	115
120	59.6	306.6	11,400*	61.6	309.8	11,600*	64.8	313.7	11,700*	120
125	58.0	303.5	11,200*	60.0	306.9	11,400*	63.2	311.2	11,600*	125
130	56.4	300.2	11,100*	58.4	303.9	11,300*	61.7	308.5	11,400*	130
135	54.7	296.6	10,800*	56.8	300.6	11,100*	60.1	305.7	11,300*	135
140	53.0	292.9	10,400*	55.2	297.1	10,900*	58.5	302.6	11,100*	140
145	51.3	288.9	10,100*	53.5	293.4	10,600*	56.9	299.4	10,900*	145
150	49.5	284.7	9,800*	51.7	289.5	10,200*	55.3	296.0	10,800*	150
155	47.7	280.2	9,500*	50.0	285.4	9,900*	53.6	292.3	10,600*	155
160	45.8	275.3	9,200*	48.2	280.9	9,600*	51.9	288.4	10,300*	160
165	43.8	270.2	9,000*	46.3	276.2	9,300*	50.1	284.2	10,000*	165
170	41.8	264.6	8,700*	44.3	271.1	9,100*	48.3	279.8	9,700*	170
175	39.7	258.7	8,500*	42.3	265.7	8,800*	46.4	275.1	9,400*	175
180	37.5	252.3	8,300*	40.2	259.8	8,600*	44.5	270.0	9,200*	180
185	35.2	245.3	8,100*	38.1	253.5	8,400*	42.5	264.6	8,900*	185
190	32.7	237.7	7,900*	35.8	246.7	8,200*	40.4	258.8	8,700*	190
195	30.0	229.2	7,700*	33.3	239.2	8,000*	38.2	252.6	8,400*	195
200	27.1	219.8	7,500*	30.7	231.0	7,800*	35.9	245.8	8,200	200
205	23.9	208.9	7,300*	27.9	221.8	7,600*	33.5	238.4	7,800	205
210	20.1	196.1	7,200*	24.7	211.4	7,400*	30.9	230.2	7,500	210
215	15.5	179.9	6,800*	21.1	199.2	7,300*	28.1	221.1	7,100	215
220	8.6	155.0	4,900*	16.8	184.0	7,100*	25.0	210.8	6,800	220
225				10.8	162.6	6,100*	21.4	198.7	6,500	225
230							17.2	183.8	6,200	230
235							11.4	163.1	5,900	235



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	75.2	338.9	13,000*							70
75	73.8	337.5	12,800*							75
80	72.5	335.9	12,600*							80
85	71.1	334.2	12,400*	72.8	335.9	12,500*				85
90	69.7	332.3	12,100*	71.5	334.2	12,200*				90
95	68.3	330.3	11,900*	70.1	332.4	12,000*				95
100	66.9	328.2	11,700*	68.7	330.4	11,800*				100
105	65.5	325.9	11,500*	67.3	328.3	11,600*				105
110	64.1	323.5	11,300*	65.9	326.1	11,500*				110
115	62.6	320.9	11,100*	64.4	323.7	11,300*	67.4	327.0	11,300*	115
120	61.1	318.2	11,000*	63.0	321.2	11,100*	66.0	324.8	11,100*	120
125	59.6	315.3	10,800*	61.5	318.5	10,900*	64.5	322.4	11,000*	125
130	58.1	312.1	10,600*	60.0	315.6	10,800*	63.1	319.9	10,800*	130
135	56.5	308.9	10,500*	58.5	312.5	10,600*	61.6	317.2	10,700*	135
140	55.0	305.4	10,300*	57.0	309.3	10,500*	60.1	314.4	10,600*	140
145	53.4	301.7	9,900*	55.4	305.9	10,300*	58.6	311.3	10,500*	145
150	51.7	297.7	9,600*	53.8	302.2	10,100*	57.1	308.1	10,300*	150
155	50.0	293.6	9,400*	52.1	298.3	9,800*	55.5	304.7	10,200*	155
160	48.3	289.1	9,100*	50.5	294.2	9,500*	53.9	301.0	10,100*	160
165	46.5	284.5	8,800*	48.7	289.9	9,200*	52.2	297.2	9,800*	165
170	44.7	279.4	8,600*	47.0	285.2	8,900*	50.6	293.1	9,500*	170
175	42.8	274.1	8,400*	45.1	280.3	8,700*	48.9	288.7	9,300*	175
180	40.8	268.4	8,200*	43.3	275.0	8,500*	47.1	284.1	9,000*	180
185	38.7	262.2	8,000*	41.3	269.4	8,300*	45.3	279.2	8,800*	185
190	36.6	255.6	7,800*	39.3	263.4	8,000*	43.4	274.0	8,500*	190
195	34.3	248.4	7,600*	37.2	256.9	7,800*	41.5	268.4	8,300	195
200	31.9	240.5	7,400*	34.9	249.8	7,700*	39.4	262.4	7,900	200
205	29.3	231.8	7,200*	32.5	242.1	7,500*	37.3	255.9	7,500	205
210	26.5	222.1	7,100*	30.0	233.7	7,300*	35.1	248.9	7,100	210
215	23.3	211.0	6,900*	27.2	224.2	7,200*	32.7	241.3	6,800	215
220	19.6	197.8	6,800*	24.1	213.5	7,000*	30.2	232.9	6,500	220
225	15.1	181.2	5,700*	20.6	200.9	6,900*	27.4	223.5	6,200	225
230				16.4	185.4	6,700*	24.4	212.9	5,900	230
235				10.6	163.4	5,100*	20.9	200.5	5,600	235
240							16.7	185.3	5,300	240
245							11.1	164.0	5,000	245

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
55	75.9	311.3	25,000*							55
60	74.2	309.9	24,900*							60
65	72.4	308.4	24,500*							65
70	70.6	306.7	24,200*							70
75	68.8	304.8	24,000*	71.5	307.0	23,900*				75
80	67.0	302.7	23,700*	69.7	305.2	23,700*				80
85	65.2	300.4	23,200*	67.9	303.2	23,500*				85
90	63.3	297.9	22,200*	66.0	301.0	23,300*				90
95	61.4	295.3	21,400*	64.2	298.6	22,800*				95
100	59.5	292.4	20,600*	62.3	296.0	21,900*	66.8	300.2	22,100*	100
105	57.5	289.2	19,800*	60.4	293.2	21,100*	65.0	298.0	21,700	105
110	55.5	285.8	19,100*	58.4	290.2	20,300*	63.1	295.5	20,300	110
115	53.4	282.2	18,500*	56.4	286.9	19,600*	61.2	292.7	19,000	115
120	51.3	278.3	17,900*	54.4	283.4	18,900*	59.2	289.8	17,900	120
125	49.1	274.0	17,300*	52.3	279.6	18,300*	57.3	286.7	16,800	125
130	46.8	269.4	16,800*	50.1	275.5	17,700*	55.2	283.2	15,900	130
135	44.4	264.4	16,200*	47.9	271.1	16,900	53.2	279.6	15,000	135
140	42.0	259.0	15,400*	45.5	266.3	16,000	51.0	275.6	14,200	140
145	39.3	253.0	14,700*	43.1	261.0	15,200	48.8	271.3	13,400	145
150	36.6	246.5	14,000*	40.6	255.4	14,400	46.5	266.7	12,700	150
155	33.6	239.2	13,300*	37.9	249.1	13,700	44.1	261.6	12,100	155
160	30.4	231.1	12,600*	35.0	242.2	13,000	41.7	256.1	11,400	160
165	26.9	221.7	12,100*	32.0	234.5	12,400	39.0	250.1	10,900	165
170	22.8	210.6	11,500*	28.6	225.7	11,800	36.2	243.5	10,300	170
175	17.8	196.7	11,000*	24.8	215.5	11,200	33.3	236.2	9,800	175
180	10.8	176.2	8,700*	20.3	203.1	10,700	30.0	227.9	9,300	180
185				14.5	186.6	10,200	26.4	218.3	8,800	185
190				1.5	148.2	6,700*	22.3	207.0	8,400	190
195							17.1	192.6	8,000	195
200							9.6	170.6	7,600	200



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	75.1	320.3	22,300*							60
65	73.4	318.9	22,000*							65
70	71.7	317.3	21,800*							70
75	70.1	315.5	21,500*	72.5	317.5	21,400*				75
80	68.4	313.5	21,300*	70.8	315.8	21,300*				80
85	66.7	311.4	21,000*	69.2	314.0	21,000*				85
90	64.9	309.1	20,700*	67.4	311.9	20,800*				90
95	63.1	306.6	20,400*	65.7	309.7	20,600*				95
100	61.3	303.9	20,100*	64.0	307.3	20,400*				100
105	59.5	301.0	19,400*	62.2	304.7	20,200*	66.4	309.0	19,600*	105
110	57.6	297.9	18,800*	60.4	301.9	19,900*	64.7	306.6	19,500*	110
115	55.7	294.5	18,200*	58.5	298.9	19,200*	62.9	304.1	18,900	115
120	53.8	291.0	17,600*	56.6	295.6	18,600*	61.1	301.4	17,700	120
125	51.8	287.1	17,000*	54.7	292.1	18,000*	59.3	298.5	16,700	125
130	49.7	282.9	16,400*	52.7	288.4	17,400*	57.4	295.3	15,700	130
135	47.6	278.4	15,700*	50.7	284.4	16,700	55.5	292.0	14,800	135
140	45.4	273.6	15,100*	48.6	280.0	15,800	53.5	288.3	14,000	140
145	43.1	268.4	14,400*	46.4	275.4	15,000	51.5	284.4	13,300	145
150	40.7	262.7	13,800*	44.2	270.3	14,200	49.5	280.2	12,600	150
155	38.2	256.5	13,200*	41.8	264.9	13,500	47.3	275.7	11,900	155
160	35.5	249.7	12,600*	39.4	258.9	12,900	45.1	270.8	11,300	160
165	32.7	242.2	12,000*	36.8	252.4	12,200	42.8	265.5	10,700	165
170	29.5	233.7	11,400*	34.0	245.3	11,600	40.4	259.8	10,200	170
175	26.1	224.0	10,900*	31.0	237.2	11,100	37.9	253.6	9,700	175
180	22.1	212.6	10,500*	27.7	228.2	10,500	35.2	246.7	9,200	180
185	17.3	198.2	9,900*	24.0	217.6	10,000	32.3	239.1	8,700	185
190	10.4	177.1	7,500*	19.7	204.8	9,600	29.1	230.5	8,300	190
195				14.1	187.8	9,100	25.6	220.6	7,900	195
200				1.4	148.3	5,800*	21.6	208.9	7,500	200
205							16.6	194.0	7,100	205
210							9.3	171.4	6,700	210

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	75.9	330.7	20,100*							60
65	74.3	329.3	19,700*							65
70	72.7	327.8	19,500*							70
75	71.2	326.1	19,200*							75
80	69.6	324.3	18,900*	71.9	326.4	18,900*				80
85	67.9	322.3	18,600*	70.3	324.6	18,700*				85
90	66.3	320.1	18,400*	68.7	322.7	18,500*				90
95	64.7	317.8	18,100*	67.1	320.6	18,200*				95
100	63.0	315.3	17,900*	65.4	318.4	18,000*				100
105	61.3	312.6	17,700*	63.7	316.0	17,800*	67.7	319.9	17,300*	105
110	59.5	309.7	17,500*	62.1	313.4	17,600*	66.1	317.7	17,200*	110
115	57.8	306.6	17,300*	60.3	310.5	17,500*	64.4	315.3	17,100*	115
120	56.0	303.2	16,800*	58.6	307.5	17,300*	62.8	312.8	16,900*	120
125	54.1	299.7	16,200*	56.8	304.3	17,100*	61.1	310.1	16,300	125
130	52.2	295.9	15,600*	55.0	300.9	16,900*	59.3	307.1	15,400	130
135	50.3	291.8	15,000*	53.1	297.2	16,400	57.6	304.0	14,500	135
140	48.3	287.4	14,500*	51.2	293.2	15,500	55.7	300.7	13,700	140
145	46.2	282.7	13,900*	49.2	289.0	14,700	53.9	297.1	12,900	145
150	44.1	277.7	13,400*	47.2	284.4	13,900	52.0	293.2	12,200	150
155	41.9	272.2	12,800*	45.1	279.5	13,200	50.1	289.1	11,600	155
160	39.6	266.3	12,300*	42.9	274.3	12,600	48.1	284.7	10,900	160
165	37.1	259.9	11,800*	40.7	268.6	11,900	46.0	280.0	10,400	165
170	34.5	252.8	11,300*	38.3	262.4	11,300	43.9	274.9	9,800	170
175	31.7	245.0	10,800*	35.7	255.7	10,800	41.6	269.4	9,300	175
180	28.7	236.2	10,400*	33.1	248.2	10,300	39.3	263.4	8,800	180
185	25.4	226.2	9,900*	30.2	239.9	9,800	36.8	256.9	8,400	185
190	21.5	214.4	9,600*	27.0	230.6	9,300	34.2	249.8	8,000	190
195	16.8	199.6	8,500*	23.4	219.7	8,800	31.4	241.9	7,600	195
200	10.2	178.0	6,300*	19.1	206.5	8,400	28.4	233.0	7,200	200
205				13.7	188.9	8,000	24.9	222.8	6,800	205
210				1.4	148.4	4,700*	21.0	210.7	6,400	210
215							16.2	195.4	6,100	215
220							9.0	172.1	5,700	220



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	75.5	320.3	21,500*							60
65	73.8	318.8	21,300*							65
70	72.2	317.2	21,100*							70
75	70.5	315.4	20,800*	72.9	317.5	20,800*				75
80	68.8	313.5	20,500*	71.3	315.8	20,600*				80
85	67.1	311.4	19,900*	69.6	313.9	20,400*				85
90	65.3	309.0	19,100*	67.9	311.9	20,200*				90
95	63.5	306.5	18,300*	66.1	309.6	19,600*				95
100	61.7	303.9	17,600*	64.4	307.2	18,800*				100
105	59.9	301.0	16,900*	62.6	304.6	18,000*	66.9	308.9	19,000*	105
110	58.0	297.8	16,300*	60.8	301.8	17,400*	65.1	306.6	19,000*	110
115	56.1	294.5	15,700*	58.9	298.8	16,700*	63.3	304.1	18,400*	115
120	54.2	290.9	15,200*	57.0	295.6	16,100*	61.5	301.4	17,700*	120
125	52.2	287.0	14,700*	55.1	292.1	15,600*	59.7	298.4	17,000	125
130	50.1	282.9	14,300*	53.1	288.3	15,100*	57.8	295.3	16,000	130
135	48.0	278.4	13,800*	51.1	284.3	14,600*	55.9	291.9	15,100	135
140	45.8	273.5	13,400*	49.0	280.0	14,100*	54.0	288.3	14,300	140
145	43.5	268.3	13,000*	46.8	275.3	13,700*	52.0	284.4	13,600	145
150	41.1	262.6	12,700*	44.6	270.3	13,300*	49.9	280.2	12,900	150
155	38.6	256.4	12,300*	42.2	264.8	12,900*	47.7	275.6	12,200	155
160	35.9	249.6	12,000*	39.8	258.9	12,600*	45.5	270.8	11,600	160
165	33.0	242.1	11,600*	37.2	252.4	12,200*	43.2	265.5	11,000	165
170	29.9	233.6	11,100*	34.4	245.2	11,900*	40.8	259.7	10,500	170
175	26.5	223.9	10,600*	31.4	237.2	11,400	38.3	253.5	9,900	175
180	22.5	212.4	10,100*	28.1	228.1	10,900	35.6	246.6	9,500	180
185	17.7	198.0	9,600*	24.4	217.5	10,400	32.7	239.0	9,000	185
190	10.8	176.9	7,900*	20.1	204.7	9,900	29.5	230.4	8,600	190
195				14.4	187.6	9,400	26.0	220.5	8,200	195
200							22.0	208.7	7,800	200
205							17.0	193.9	7,400	205
210							9.6	171.1	7,000	210

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	74.7	329.3	19,500*							65
70	73.1	327.7	19,300*							70
75	71.6	326.1	19,000*							75
80	69.9	324.2	18,800*	72.3	326.4	18,700*				80
85	68.3	322.2	18,600*	70.7	324.6	18,500*				85
90	66.7	320.1	18,300*	69.1	322.7	18,300*				90
95	65.0	317.7	17,900*	67.5	320.6	18,100*				95
100	63.4	315.2	17,200*	65.8	318.3	17,900*				100
105	61.7	312.5	16,600*	64.1	315.9	17,600*				105
110	59.9	309.6	16,000*	62.5	313.3	17,000*	66.5	317.6	17,200*	110
115	58.2	306.5	15,400*	60.7	310.5	16,400*	64.8	315.3	17,100*	115
120	56.3	303.2	14,900*	59.0	307.5	15,800*	63.2	312.7	17,000*	120
125	54.5	299.6	14,500*	57.2	304.3	15,300*	61.5	310.0	16,700*	125
130	52.6	295.8	14,000*	55.4	300.8	14,800*	59.7	307.1	15,900	130
135	50.7	291.7	13,600*	53.5	297.1	14,300*	57.9	304.0	15,000	135
140	48.7	287.4	13,200*	51.6	293.2	13,900*	56.1	300.6	14,200	140
145	46.6	282.6	12,800*	49.6	288.9	13,500*	54.3	297.0	13,400	145
150	44.5	277.6	12,500*	47.6	284.4	13,100*	52.4	293.2	12,700	150
155	42.3	272.1	12,200*	45.5	279.5	12,700*	50.5	289.1	12,000	155
160	40.0	266.2	11,800*	43.3	274.2	12,400*	48.5	284.6	11,400	160
165	37.5	259.8	11,500*	41.0	268.5	12,100*	46.4	279.9	10,800	165
170	34.9	252.7	11,100*	38.7	262.3	11,800*	44.2	274.8	10,300	170
175	32.1	244.9	10,500*	36.1	255.6	11,200	42.0	269.3	9,800	175
180	29.1	236.1	10,100*	33.4	248.1	10,700	39.7	263.3	9,300	180
185	25.7	226.1	9,600*	30.5	239.8	10,200	37.2	256.8	8,900	185
190	21.9	214.3	9,300*	27.3	230.4	9,700	34.6	249.7	8,400	190
195	17.2	199.5	8,900*	23.7	219.6	9,300	31.8	241.8	8,000	195
200	10.5	177.7	6,800*	19.5	206.3	8,900	28.7	232.9	7,600	200
205				14.0	188.7	8,400	25.3	222.7	7,200	205
210							21.4	210.6	6,900	210
215							16.5	195.2	6,500	215
220							9.3	171.8	6,200	220



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.5	339.7	17,700*							65
70	74.0	338.2	17,500*							70
75	72.5	336.6	17,200*							75
80	71.0	334.9	17,000*							80
85	69.5	333.0	16,700*	71.7	335.2	16,800*				85
90	67.9	331.0	16,500*	70.2	333.4	16,500*				90
95	66.4	328.8	16,300*	68.6	331.4	16,300*				95
100	64.8	326.4	16,000*	67.1	329.3	16,200*				100
105	63.2	323.9	15,800*	65.5	327.0	16,000*				105
110	61.6	321.2	15,600*	63.9	324.6	15,800*	67.7	328.6	15,400*	110
115	59.9	318.3	15,100*	62.3	322.0	15,600*	66.2	326.3	15,300*	115
120	58.2	315.2	14,600*	60.7	319.1	15,500*	64.6	324.0	15,200*	120
125	56.5	311.9	14,200*	59.0	316.1	15,000*	63.0	321.4	15,100*	125
130	54.8	308.4	13,700*	57.3	312.9	14,500*	61.4	318.7	15,000*	130
135	53.0	304.6	13,300*	55.6	309.5	14,000*	59.7	315.8	14,600	135
140	51.2	300.6	13,000*	53.8	305.9	13,600*	58.0	312.6	13,800	140
145	49.3	296.3	12,600*	52.0	302.0	13,200*	56.3	309.3	13,100	145
150	47.4	291.7	12,300*	50.2	297.8	12,900*	54.6	305.7	12,400	150
155	45.4	286.8	12,000*	48.3	293.4	12,500*	52.8	302.0	11,700	155
160	43.3	281.5	11,700*	46.3	288.6	12,200*	51.0	297.9	11,100	160
165	41.1	275.9	11,300*	44.3	283.5	11,900*	49.1	293.6	10,500	165
170	38.9	269.7	10,800*	42.2	278.0	11,500	47.1	289.0	10,000	170
175	36.5	263.0	10,400*	39.9	272.1	10,900	45.1	284.0	9,500	175
180	34.0	255.7	10,000*	37.6	265.7	10,400	43.0	278.7	9,000	180
185	31.3	247.7	9,600*	35.2	258.7	9,900	40.9	273.0	8,500	185
190	28.3	238.6	9,100*	32.5	251.0	9,400	38.6	266.8	8,100	190
195	25.0	228.3	8,800*	29.7	242.4	9,000	36.2	260.0	7,700	195
200	21.3	216.1	8,500*	26.6	232.8	8,600	33.7	252.6	7,300	200
205	16.7	200.9	7,700*	23.1	221.5	8,200	30.9	244.5	6,900	205
210	10.2	178.5	5,700*	19.0	207.9	7,800	28.0	235.3	6,600	210
215				13.6	189.9	7,400	24.6	224.8	6,200	215
220							20.8	212.4	5,900	220
225							16.1	196.6	5,600	225
230							9.1	172.5	5,300	230

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	74.8	329.3	17,700*							65
70	73.2	327.7	17,500*							70
75	71.6	326.1	17,200*							75
80	70.0	324.2	16,900*	72.4	326.4	17,000*				80
85	68.4	322.2	16,600*	70.8	324.6	16,800*				85
90	66.8	320.1	16,300*	69.2	322.7	16,500*				90
95	65.1	317.7	16,100*	67.6	320.6	16,300*				95
100	63.5	315.2	15,700*	65.9	318.4	16,000*				100
105	61.7	312.5	15,000*	64.2	315.9	15,800*				105
110	60.0	309.6	14,500*	62.5	313.3	15,400*	66.6	317.6	15,600*	110
115	58.2	306.5	14,000*	60.8	310.5	14,800*	64.9	315.3	15,400*	115
120	56.5	303.2	13,500*	59.1	307.5	14,300*	63.3	312.7	15,300*	120
125	54.6	299.6	13,000*	57.3	304.3	13,800*	61.5	310.0	15,100*	125
130	52.7	295.8	12,600*	55.5	300.8	13,300*	59.8	307.1	14,600*	130
135	50.8	291.7	12,200*	53.6	297.1	12,900*	58.0	304.0	14,100*	135
140	48.8	287.4	11,800*	51.7	293.2	12,400*	56.2	300.6	13,600*	140
145	46.7	282.7	11,400*	49.7	288.9	12,100*	54.4	297.0	13,100*	145
150	44.6	277.6	11,100*	47.7	284.4	11,700*	52.5	293.2	12,700*	150
155	42.4	272.1	10,800*	45.6	279.5	11,300*	50.5	289.1	12,300*	155
160	40.0	266.2	10,500*	43.4	274.2	11,000*	48.5	284.6	11,700*	160
165	37.6	259.8	10,200*	41.1	268.5	10,700*	46.5	279.9	11,100*	165
170	35.0	252.7	10,000*	38.7	262.4	10,400*	44.3	274.8	10,600*	170
175	32.2	244.9	9,700*	36.2	255.6	10,100*	42.1	269.3	10,000*	175
180	29.2	236.2	9,500*	33.5	248.1	9,900*	39.8	263.3	9,600*	180
185	25.8	226.1	9,300*	30.6	239.9	9,700*	37.3	256.8	9,100*	185
190	22.0	214.3	8,900*	27.4	230.5	9,400*	34.7	249.7	8,700*	190
195	17.3	199.5	8,500*	23.8	219.6	9,200*	31.9	241.8	8,300*	195
200	10.6	177.7	7,200*	19.6	206.4	9,000*	28.8	232.9	7,900*	200
205				14.1	188.8	8,700	25.4	222.7	7,500	205
210							21.5	210.6	7,100	210
215							16.6	195.3	6,800	215
220							9.4	171.9	6,400	220



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.6	339.7	16,600*							65
70	74.1	338.2	16,300*							70
75	72.6	336.6	16,100*							75
80	71.1	334.9	15,900*							80
85	69.6	333.0	15,600*	71.8	335.2	15,700*				85
90	68.0	331.0	15,400*	70.3	333.4	15,500*				90
95	66.5	328.8	15,100*	68.7	331.5	15,300*				95
100	64.9	326.4	14,900*	67.2	329.3	15,100*				100
105	63.3	323.9	14,700*	65.6	327.0	14,900*				105
110	61.7	321.2	14,200*	64.0	324.6	14,700*	67.8	328.6	14,500*	110
115	60.0	318.3	13,700*	62.4	322.0	14,500*	66.3	326.4	14,400*	115
120	58.3	315.2	13,200*	60.8	319.2	14,000*	64.7	324.0	14,300*	120
125	56.6	311.9	12,800*	59.1	316.2	13,500*	63.1	321.4	14,100*	125
130	54.9	308.4	12,300*	57.4	313.0	13,100*	61.5	318.7	14,000*	130
135	53.1	304.6	12,000*	55.7	309.5	12,600*	59.8	315.8	13,800*	135
140	51.3	300.6	11,600*	53.9	305.9	12,200*	58.1	312.6	13,300*	140
145	49.4	296.3	11,300*	52.1	302.0	11,800*	56.4	309.3	12,900*	145
150	47.5	291.7	10,900*	50.3	297.8	11,500*	54.7	305.8	12,500*	150
155	45.5	286.8	10,600*	48.4	293.4	11,100*	52.9	302.0	12,100*	155
160	43.4	281.5	10,300*	46.4	288.6	10,800*	51.0	297.9	11,500	160
165	41.2	275.9	10,100*	44.4	283.5	10,500*	49.2	293.6	10,900	165
170	39.0	269.7	9,800*	42.2	278.0	10,300*	47.2	289.0	10,400	170
175	36.6	263.0	9,600*	40.0	272.1	10,000*	45.2	284.0	9,900	175
180	34.1	255.7	9,300*	37.7	265.7	9,700*	43.1	278.7	9,400	180
185	31.4	247.7	9,100*	35.3	258.7	9,500*	41.0	273.0	9,000	185
190	28.4	238.6	8,900*	32.6	251.0	9,300*	38.7	266.8	8,500	190
195	25.1	228.3	8,500*	29.8	242.5	9,100*	36.3	260.0	8,100	195
200	21.4	216.1	8,200*	26.7	232.8	8,900*	33.8	252.7	7,700	200
205	16.8	200.9	7,900*	23.2	221.6	8,600	31.0	244.5	7,400	205
210	10.3	178.6	6,200*	19.1	208.0	8,200	28.0	235.3	7,000	210
215				13.7	189.9	7,800	24.7	224.8	6,700	215
220							20.9	212.4	6,300	220
225							16.2	196.6	6,000	225
230							9.2	172.6	5,700	230

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	74.9	348.6	15,100*							70
75	73.4	347.1	14,900*							75
80	72.0	345.5	14,700*							80
85	70.6	343.7	14,400*	72.7	345.8	14,500*				85
90	69.1	341.8	14,300*	71.2	344.1	14,300*				90
95	67.7	339.7	14,100*	69.8	342.2	14,100*				95
100	66.2	337.5	13,900*	68.3	340.2	13,900*				100
105	64.7	335.1	13,700*	66.8	338.0	13,800*				105
110	63.1	332.6	13,500*	65.3	335.7	13,700*				110
115	61.6	329.9	13,300*	63.8	333.3	13,500*	67.5	337.3	13,200*	115
120	60.0	327.0	12,900*	62.3	330.6	13,300*	66.0	335.0	13,100*	120
125	58.4	323.9	12,500*	60.7	327.8	13,100*	64.5	332.6	13,000*	125
130	56.8	320.6	12,100*	59.2	324.8	12,800*	63.0	330.1	12,900*	130
135	55.1	317.1	11,700*	57.5	321.6	12,400*	61.4	327.3	12,800*	135
140	53.5	313.4	11,400*	55.9	318.2	12,000*	59.8	324.4	12,700*	140
145	51.7	309.4	11,100*	54.2	314.6	11,600*	58.2	321.3	12,600*	145
150	49.9	305.2	10,700*	52.5	310.8	11,300*	56.6	318.0	12,200*	150
155	48.1	300.7	10,500*	50.8	306.7	11,000*	54.9	314.5	11,800	155
160	46.2	296.0	10,200*	49.0	302.4	10,700*	53.2	310.7	11,200	160
165	44.3	290.9	9,900*	47.1	297.7	10,400*	51.5	306.8	10,600	165
170	42.3	285.4	9,700*	45.2	292.8	10,100*	49.7	302.5	10,100	170
175	40.2	279.5	9,400*	43.2	287.5	9,800*	47.9	298.0	9,600	175
180	38.0	273.1	9,200*	41.2	281.8	9,600*	46.0	293.2	9,100	180
185	35.7	266.2	9,000*	39.0	275.6	9,400*	44.1	288.0	8,600	185
190	33.2	258.7	8,800*	36.7	269.0	9,200*	42.0	282.5	8,200	190
195	30.6	250.4	8,500*	34.4	261.8	9,000*	39.9	276.6	7,800	195
200	27.7	241.1	8,100*	31.8	253.8	8,700	37.7	270.2	7,400	200
205	24.5	230.4	7,800*	29.1	245.0	8,300	35.4	263.2	7,000	205
210	20.9	217.9	7,500*	26.0	235.0	7,900	32.9	255.6	6,700	210
215	16.4	202.3	7,000*	22.6	223.5	7,500	30.2	247.1	6,400	215
220	10.0	179.4	5,100*	18.6	209.5	7,200	27.3	237.7	6,000	220
225				13.4	191.0	6,700*	24.1	226.9	5,700	225
230							20.4	214.1	5,400	230
235							15.8	197.9	5,100	235
240							8.9	173.3	4,800	240

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.4	339.7	14,200*							65
70	73.9	338.3	14,000*							70
75	72.4	336.7	13,700*							75
80	70.9	335.0	13,500*							80
85	69.4	333.1	13,200*	71.6	335.3	13,400*				85
90	67.8	331.0	12,900*	70.1	333.5	13,200*				90
95	66.3	328.8	12,700*	68.5	331.5	12,900*				95
100	64.7	326.5	12,400*	67.0	329.4	12,700*				100
105	63.1	324.0	12,200*	65.4	327.1	12,500*				105
110	61.5	321.2	12,000*	63.8	324.6	12,300*	67.6	328.6	12,400*	110
115	59.8	318.3	11,800*	62.2	322.0	12,000*	66.1	326.4	12,200*	115
120	58.2	315.2	11,600*	60.6	319.2	11,800*	64.5	324.0	12,000*	120
125	56.4	311.9	11,400*	58.9	316.2	11,600*	62.9	321.5	11,900*	125
130	54.7	308.4	11,200*	57.2	313.0	11,500*	61.3	318.7	11,700*	130
135	52.9	304.7	11,000*	55.5	309.6	11,300*	59.6	315.8	11,500*	135
140	51.1	300.6	10,700*	53.7	305.9	11,100*	58.0	312.7	11,400*	140
145	49.2	296.4	10,300*	51.9	302.0	10,900*	56.2	309.4	11,200*	145
150	47.3	291.8	10,000*	50.1	297.9	10,500*	54.5	305.8	11,100*	150
155	45.3	286.9	9,700*	48.2	293.4	10,200*	52.7	302.0	10,900*	155
160	43.2	281.6	9,400*	46.2	288.7	9,900*	50.9	298.0	10,700*	160
165	41.0	275.9	9,100*	44.2	283.6	9,600*	49.0	293.7	10,400*	165
170	38.8	269.8	8,900*	42.1	278.1	9,300*	47.0	289.0	10,100*	170
175	36.4	263.1	8,700*	39.8	272.2	9,100*	45.0	284.1	9,800*	175
180	33.9	255.8	8,400*	37.5	265.8	8,800*	43.0	278.8	9,500*	180
185	31.2	247.8	8,200*	35.1	258.8	8,600*	40.8	273.1	9,200*	185
190	28.2	238.7	8,000*	32.5	251.1	8,400*	38.5	266.9	8,700*	190
195	25.0	228.4	7,800*	29.6	242.6	8,200*	36.1	260.1	8,300*	195
200	21.2	216.3	7,700*	26.5	232.9	8,000*	33.6	252.7	8,000*	200
205	16.7	201.1	7,500*	23.0	221.7	7,800*	30.9	244.6	7,600*	205
210	10.2	178.8	6,400*	18.9	208.1	7,600*	27.9	235.4	7,200*	210
215				13.6	190.1	7,500*	24.6	224.9	6,900*	215
220				1.6	148.4	5,000*	20.7	212.5	6,600*	220
225							16.0	196.8	6,300*	225
230							9.1	172.9	5,900*	230

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	74.7	348.7	13,300*							70
75	73.3	347.2	13,100*							75
80	71.8	345.5	12,900*							80
85	70.4	343.8	12,700*	72.5	345.8	12,800*				85
90	68.9	341.8	12,400*	71.1	344.1	12,600*				90
95	67.5	339.8	12,200*	69.6	342.2	12,400*				95
100	66.0	337.5	12,000*	68.1	340.2	12,200*				100
105	64.5	335.2	11,800*	66.7	338.1	12,000*				105
110	63.0	332.6	11,600*	65.2	335.8	11,800*				110
115	61.4	329.9	11,400*	63.7	333.3	11,600*	67.3	337.3	11,700*	115
120	59.8	327.0	11,200*	62.1	330.7	11,400*	65.8	335.1	11,500*	120
125	58.2	323.9	11,000*	60.6	327.9	11,200*	64.3	332.7	11,400*	125
130	56.6	320.6	10,900*	59.0	324.9	11,100*	62.8	330.1	11,200*	130
135	55.0	317.1	10,700*	57.4	321.7	10,900*	61.2	327.4	11,100*	135
140	53.3	313.4	10,500*	55.7	318.3	10,800*	59.7	324.5	10,900*	140
145	51.5	309.5	10,100*	54.0	314.7	10,600*	58.0	321.4	10,800*	145
150	49.8	305.3	9,800*	52.3	310.8	10,300*	56.4	318.1	10,700*	150
155	47.9	300.8	9,500*	50.6	306.8	10,000*	54.8	314.5	10,500*	155
160	46.1	296.0	9,300*	48.8	302.4	9,700*	53.1	310.8	10,400*	160
165	44.1	290.9	9,000*	46.9	297.8	9,400*	51.3	306.8	10,200*	165
170	42.1	285.4	8,800*	45.0	292.8	9,200*	49.5	302.6	9,900*	170
175	40.0	279.5	8,500*	43.0	287.5	8,900*	47.7	298.1	9,600*	175
180	37.8	273.2	8,300*	41.0	281.8	8,700*	45.8	293.3	9,400*	180
185	35.5	266.3	8,100*	38.8	275.7	8,400*	43.9	288.1	9,000	185
190	33.0	258.8	7,900*	36.6	269.1	8,200*	41.9	282.6	8,600	190
195	30.4	250.4	7,700*	34.2	261.8	8,000*	39.7	276.6	8,200	195
200	27.5	241.1	7,500*	31.6	253.9	7,800*	37.5	270.2	7,800	200
205	24.4	230.5	7,400*	28.9	245.1	7,700*	35.2	263.3	7,400	205
210	20.7	218.1	7,200*	25.9	235.1	7,500*	32.7	255.6	7,100	210
215	16.2	202.4	7,000*	22.5	223.6	7,300*	30.1	247.2	6,700	215
220	9.9	179.6	5,500*	18.4	209.7	7,200*	27.2	237.8	6,400	220
225				13.2	191.2	7,000*	24.0	227.0	6,100	225
230				1.5	148.4	4,100*	20.2	214.2	5,800	230
235							15.6	198.1	5,500	235
240							8.8	173.6	5,300	240



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	75.4	359.1	12,600*							70
75	74.0	357.6	12,400*							75
80	72.7	356.1	12,200*							80
85	71.3	354.4	12,000*							85
90	69.9	352.6	11,800*	71.9	354.7	11,900*				90
95	68.5	350.6	11,600*	70.6	352.9	11,700*				95
100	67.1	348.5	11,400*	69.2	351.0	11,500*				100
105	65.7	346.2	11,200*	67.8	349.0	11,400*				105
110	64.3	343.9	11,000*	66.4	346.8	11,200*				110
115	62.8	341.3	10,900*	64.9	344.5	11,000*				115
120	61.3	338.6	10,700*	63.5	342.0	10,900*	67.0	346.1	10,800*	120
125	59.8	335.7	10,500*	62.0	339.3	10,700*	65.5	343.8	10,700*	125
130	58.3	332.6	10,400*	60.5	336.5	10,600*	64.1	341.4	10,600*	130
135	56.8	329.3	10,300*	59.0	333.5	10,400*	62.6	338.8	10,500*	135
140	55.2	325.9	10,100*	57.5	330.4	10,300*	61.2	336.0	10,400*	140
145	53.6	322.2	9,900*	55.9	327.0	10,200*	59.7	333.1	10,300*	145
150	51.9	318.3	9,700*	54.3	323.4	10,000*	58.1	330.0	10,100*	150
155	50.3	314.2	9,400*	52.7	319.6	9,800*	56.6	326.7	10,000*	155
160	48.5	309.8	9,100*	51.0	315.6	9,600*	55.0	323.3	9,900*	160
165	46.8	305.1	8,900*	49.3	311.3	9,300*	53.4	319.6	9,800*	165
170	44.9	300.1	8,600*	47.6	306.8	9,000*	51.7	315.6	9,700*	170
175	43.0	294.8	8,400*	45.8	302.0	8,800*	50.1	311.5	9,500*	175
180	41.1	289.2	8,200*	43.9	296.8	8,500*	48.3	307.1	9,100	180
185	39.0	283.1	8,000*	42.0	291.3	8,300*	46.5	302.4	8,700	185
190	36.9	276.5	7,800*	40.0	285.5	8,100*	44.7	297.4	8,300	190
195	34.6	269.4	7,600*	37.9	279.1	7,900*	42.8	292.0	7,800	195
200	32.2	261.6	7,400*	35.7	272.3	7,700*	40.8	286.3	7,500	200
205	29.7	253.1	7,300*	33.4	264.8	7,500*	38.8	280.1	7,100	205
210	26.9	243.5	7,100*	30.9	256.6	7,400*	36.6	273.5	6,800	210
215	23.8	232.6	6,900*	28.2	247.6	7,200*	34.4	266.3	6,400	215
220	20.2	219.8	6,700*	25.2	237.3	7,100*	32.0	258.5	6,100	220
225	15.9	203.8	6,200*	21.9	225.5	6,900*	29.4	249.8	5,800	225
230	9.6	180.4	4,500*	18.0	211.2	6,600	26.5	240.1	5,500	230
235				12.9	192.3	6,000*	23.4	229.0	5,200	235
240							19.7	215.9	5,000	240
245							15.3	199.4	4,700	245
250							8.6	174.3	4,400	250

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	74.4	330.1	22,700*							60
65	72.7	328.6	22,500*							65
70	70.9	326.9	22,300*							70
75	69.1	325.0	22,000*	72.1	327.5	22,000*				75
80	67.3	323.0	21,700*	70.3	325.7	21,900*				80
85	65.4	320.7	21,400*	68.5	323.8	21,700*				85
90	63.6	318.3	20,900*	66.7	321.7	21,500*				90
95	61.7	315.6	20,200*	64.8	319.4	21,300*				95
100	59.7	312.8	19,400*	63.0	316.9	21,100*				100
105	57.8	309.7	18,700*	61.0	314.1	21,000*	66.2	319.3	20,300*	105
110	55.8	306.3	18,000*	59.1	311.2	20,400*	64.4	316.9	19,500	110
115	53.7	302.7	17,200*	57.1	308.0	19,700*	62.5	314.4	18,300	115
120	51.6	298.8	16,500*	55.1	304.6	19,000*	60.6	311.6	17,200	120
125	49.4	294.6	15,800*	53.0	300.9	18,400*	58.7	308.6	16,200	125
130	47.1	290.0	15,100*	50.9	296.9	17,600	56.7	305.4	15,200	130
135	44.8	285.1	14,400*	48.7	292.6	16,600	54.6	301.9	14,400	135
140	42.3	279.7	13,700*	46.3	287.9	15,700	52.5	298.1	13,600	140
145	39.7	273.9	13,100*	44.0	282.9	14,900	50.3	294.0	12,900	145
150	37.0	267.4	12,500*	41.5	277.3	14,100	48.1	289.6	12,200	150
155	34.1	260.3	11,900*	38.8	271.3	13,400	45.8	284.9	11,500	155
160	30.9	252.3	11,300*	36.0	264.6	12,800	43.4	279.7	10,900	160
165	27.4	243.1	10,800*	33.0	257.2	12,100	40.9	274.1	10,400	165
170	23.4	232.3	10,300*	29.8	248.8	11,600	38.2	267.9	9,800	170
175	18.6	218.9	9,900*	26.1	239.2	11,000	35.4	261.0	9,300	175
180	12.0	199.9	9,400*	21.9	227.7	10,500	32.3	253.4	8,900	180
185				16.7	213.0	10,000	29.0	244.8	8,400	185
190				8.8	189.9	9,100*	25.2	234.8	8,000	190
195							20.8	222.7	7,600	195
200							15.2	206.8	7,200	200
205							5.3	177.7	6,800	205



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	75.3	340.5	20,600*							60
65	73.6	339.1	20,400*							65
70	72.0	337.5	20,100*							70
75	70.3	335.7	19,900*							75
80	68.6	333.8	19,700*	71.4	336.4	19,700*				80
85	66.9	331.7	19,400*	69.7	334.5	19,500*				85
90	65.2	329.4	19,200*	68.0	332.6	19,400*				90
95	63.4	327.0	19,000*	66.3	330.4	19,200*				95
100	61.6	324.3	18,400*	64.6	328.1	18,900*				100
105	59.8	321.4	17,700*	62.8	325.5	18,800*	67.6	330.2	18,100*	105
110	57.9	318.3	17,100*	61.0	322.8	18,600*	65.9	328.0	18,100*	110
115	56.0	315.0	16,500*	59.2	319.9	18,400*	64.2	325.6	18,100*	115
120	54.1	311.5	15,800*	57.3	316.7	18,200*	62.4	323.0	17,000	120
125	52.1	307.6	15,200*	55.4	313.3	17,900*	60.6	320.2	16,000	125
130	50.0	303.5	14,600*	53.4	309.7	17,200*	58.7	317.2	15,100	130
135	47.9	299.1	14,000*	51.4	305.7	16,500	56.8	314.0	14,200	135
140	45.7	294.3	13,400*	49.3	301.5	15,600	54.9	310.6	13,400	140
145	43.4	289.1	12,800*	47.2	297.0	14,800	52.9	306.9	12,700	145
150	41.0	283.5	12,300*	45.0	292.1	14,000	50.9	302.9	12,000	150
155	38.5	277.4	11,700*	42.7	286.8	13,300	48.8	298.6	11,400	155
160	35.9	270.7	11,200*	40.2	281.0	12,600	46.7	294.0	10,800	160
165	33.1	263.3	10,700*	37.7	274.7	12,000	44.4	289.0	10,200	165
170	30.0	254.9	10,200*	35.0	267.8	11,400	42.1	283.5	9,700	170
175	26.6	245.4	9,800*	32.1	260.1	10,900	39.7	277.7	9,200	175
180	22.7	234.3	9,400*	28.9	251.4	10,400	37.1	271.2	8,700	180
185	18.1	220.4	9,000*	25.4	241.4	9,900	34.3	264.1	8,300	185
190	11.7	200.9	8,200*	21.3	229.6	9,400	31.4	256.2	7,900	190
195				16.2	214.4	8,900	28.1	247.3	7,500	195
200				8.5	190.6	7,900*	24.5	236.9	7,100	200
205							20.2	224.5	6,700	205
210							14.8	208.1	6,400	210
215							5.2	178.1	6,000	215

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	74.5	349.5	18,400*							65
70	73.0	348.0	18,200*							70
75	71.4	346.4	17,900*							75
80	69.8	344.5	17,700*	72.4	346.9	17,600*				80
85	68.2	342.6	17,400*	70.8	345.2	17,500*				85
90	66.5	340.4	17,200*	69.2	343.3	17,300*				90
95	64.9	338.1	17,000*	67.6	341.3	17,100*				95
100	63.2	335.6	16,700*	66.0	339.1	16,900*				100
105	61.5	333.0	16,500*	64.3	336.8	16,700*				105
110	59.8	330.1	16,100*	62.7	334.2	16,500*	67.2	338.9	16,000*	110
115	58.0	327.0	15,500*	60.9	331.5	16,300*	65.6	336.7	16,000*	115
120	56.2	323.7	15,000*	59.2	328.5	16,200*	63.9	334.3	15,900*	120
125	54.4	320.2	14,400*	57.4	325.4	16,000*	62.2	331.7	15,700	125
130	52.5	316.4	13,900*	55.6	322.0	15,900*	60.5	328.9	14,700	130
135	50.6	312.4	13,400*	53.8	318.4	15,700*	58.8	325.9	13,900	135
140	48.6	308.0	12,900*	51.9	314.5	15,200*	57.0	322.7	13,100	140
145	46.5	303.4	12,400*	49.9	310.4	14,400	55.2	319.3	12,300	145
150	44.4	298.4	11,900*	47.9	306.0	13,700	53.3	315.6	11,700	150
155	42.2	293.0	11,400*	45.8	301.2	13,000	51.4	311.7	11,000	155
160	39.9	287.1	10,900*	43.7	296.1	12,300	49.5	307.5	10,400	160
165	37.5	280.8	10,500*	41.5	290.6	11,700	47.4	303.0	9,900	165
170	34.9	273.8	10,100*	39.1	284.5	11,100	45.3	298.1	9,300	170
175	32.2	266.1	9,600*	36.7	278.0	10,600	43.2	292.9	8,900	175
180	29.2	257.5	9,200*	34.0	270.8	10,100	40.9	287.3	8,400	180
185	25.9	247.7	8,800*	31.2	262.9	9,600	38.5	281.2	7,900	185
190	22.1	236.2	8,500*	28.1	253.9	9,100	36.0	274.5	7,500	190
195	17.6	222.0	8,200*	24.7	243.6	8,700	33.4	267.1	7,100	195
200	11.3	201.8	6,900*	20.7	231.4	8,200	30.5	259.0	6,800	200
205				15.8	215.7	7,800	27.4	249.7	6,400	205
210				8.3	191.3	6,700*	23.8	239.0	6,100	210
215							19.7	226.2	5,700	215
220							14.4	209.3	5,400	220
225							5.0	178.5	5,100	225



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	75.7	340.5	20,100*							60
65	74.1	339.0	19,900*							65
70	72.4	337.4	19,700*							70
75	70.7	335.7	19,400*							75
80	69.0	333.7	19,100*	71.8	336.3	19,300*				80
85	67.3	331.6	18,800*	70.2	334.5	19,100*				85
90	65.6	329.4	18,600*	68.5	332.5	18,900*				90
95	63.8	326.9	18,200*	66.7	330.4	18,700*				95
100	62.0	324.2	17,500*	65.0	328.0	18,500*				100
105	60.2	321.4	16,900*	63.2	325.5	18,100*				105
110	58.3	318.3	16,300*	61.4	322.8	17,500*	66.3	327.9	17,800*	110
115	56.4	315.0	15,700*	59.6	319.8	16,800*	64.6	325.5	17,700*	115
120	54.5	311.4	15,200*	57.7	316.6	16,200*	62.8	323.0	17,300	120
125	52.5	307.6	14,700*	55.8	313.2	15,700*	61.0	320.2	16,300	125
130	50.4	303.4	14,300*	53.8	309.6	15,200*	59.1	317.2	15,400	130
135	48.3	299.0	13,800*	51.8	305.7	14,700*	57.2	314.0	14,500	135
140	46.1	294.2	13,200*	49.7	301.5	14,200*	55.3	310.5	13,700	140
145	43.8	289.0	12,600*	47.6	296.9	13,800*	53.3	306.8	13,000	145
150	41.5	283.4	12,000*	45.4	292.0	13,400*	51.3	302.8	12,300	150
155	39.0	277.3	11,500*	43.1	286.7	13,000*	49.2	298.5	11,700	155
160	36.3	270.6	10,900*	40.6	280.9	12,700*	47.1	293.9	11,100	160
165	33.5	263.2	10,400*	38.1	274.6	12,300	44.8	288.9	10,500	165
170	30.4	254.8	9,900*	35.4	267.7	11,700	42.5	283.5	10,000	170
175	27.0	245.3	9,500*	32.5	260.0	11,200	40.1	277.6	9,500	175
180	23.1	234.1	9,100*	29.3	251.3	10,700	37.5	271.1	9,000	180
185	18.4	220.3	8,700*	25.8	241.3	10,200	34.7	264.0	8,600	185
190	12.0	200.6	8,300*	21.7	229.4	9,700	31.8	256.1	8,100	190
195				16.6	214.2	9,200	28.5	247.2	7,700	195
200				8.8	190.2	8,300*	24.9	236.8	7,400	200
205							20.6	224.3	7,000	205
210							15.2	207.9	6,600	210
215							5.4	177.5	6,300	215

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	74.9	349.5	18,200*							65
70	73.3	348.0	18,000*							70
75	71.8	346.3	17,800*							75
80	70.2	344.5	17,600*	72.8	346.9	17,600*				80
85	68.6	342.5	17,400*	71.2	345.1	17,400*				85
90	66.9	340.4	17,100*	69.6	343.3	17,300*				90
95	65.3	338.1	16,900*	68.0	341.3	17,100*				95
100	63.6	335.6	16,700*	66.4	339.1	16,900*				100
105	61.9	332.9	16,400*	64.7	336.7	16,700*				105
110	60.2	330.0	15,900*	63.0	334.1	16,600*	67.6	338.9	16,100*	110
115	58.4	327.0	15,400*	61.3	331.4	16,500*	66.0	336.6	16,000*	115
120	56.6	323.6	14,900*	59.6	328.5	15,900*	64.3	334.2	15,900*	120
125	54.8	320.1	14,400*	57.8	325.3	15,400*	62.6	331.6	15,900*	125
130	52.9	316.4	13,800*	56.0	322.0	14,900*	60.9	328.8	15,200	130
135	51.0	312.3	13,300*	54.2	318.4	14,400*	59.2	325.9	14,400	135
140	49.0	308.0	12,800*	52.3	314.5	14,000*	57.4	322.7	13,600	140
145	46.9	303.3	12,300*	50.3	310.4	13,600*	55.6	319.2	12,800	145
150	44.8	298.3	11,800*	48.3	305.9	13,200*	53.7	315.6	12,100	150
155	42.6	292.9	11,300*	46.2	301.1	12,800*	51.8	311.6	11,500	155
160	40.3	287.1	10,800*	44.1	296.0	12,500*	49.8	307.4	10,900	160
165	37.8	280.7	10,300*	41.8	290.5	12,200*	47.8	302.9	10,300	165
170	35.3	273.7	9,900*	39.5	284.5	11,600	45.7	298.1	9,800	170
175	32.5	266.0	9,400*	37.0	277.9	11,000	43.6	292.9	9,300	175
180	29.5	257.4	9,000*	34.4	270.7	10,500	41.3	287.2	8,900	180
185	26.2	247.6	8,600*	31.6	262.8	10,000	38.9	281.1	8,400	185
190	22.5	236.1	8,300*	28.5	253.8	9,600	36.4	274.4	8,000	190
195	17.9	221.8	7,900*	25.0	243.5	9,100	33.7	267.0	7,600	195
200	11.7	201.6	7,400*	21.1	231.2	8,700	30.9	258.9	7,200	200
205				16.1	215.6	8,300	27.7	249.6	6,900	205
210				8.6	190.9	7,200*	24.2	238.9	6,500	210
215							20.0	226.0	6,200	215
220							14.7	209.1	5,800	220
225							5.2	177.9	5,500	225



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.7	359.8	16,600*							65
70	74.2	358.4	16,400*							70
75	72.7	356.8	16,100*							75
80	71.2	355.1	15,900*							80
85	69.7	353.3	15,700*	72.2	355.7	15,700*				85
90	68.1	351.3	15,500*	70.7	354.0	15,600*				90
95	66.6	349.1	15,300*	69.2	352.1	15,400*				95
100	65.0	346.7	15,100*	67.6	350.0	15,200*				100
105	63.4	344.2	14,900*	66.1	347.8	15,000*				105
110	61.8	341.6	14,700*	64.5	345.4	14,900*				110
115	60.2	338.7	14,500*	62.9	342.8	14,800*	67.3	347.6	14,300*	115
120	58.5	335.6	14,000*	61.3	340.1	14,600*	65.7	345.3	14,300*	120
125	56.8	332.3	13,600*	59.6	337.1	14,400*	64.1	342.9	14,200*	125
130	55.0	328.9	13,100*	57.9	334.0	14,300*	62.5	340.3	14,100*	130
135	53.3	325.1	12,700*	56.2	330.7	14,100*	60.9	337.5	14,000	135
140	51.4	321.1	12,200*	54.5	327.1	13,700*	59.2	334.5	13,200	140
145	49.6	316.9	11,800*	52.7	323.3	13,300*	57.5	331.3	12,500	145
150	47.6	312.4	11,300*	50.8	319.2	12,900*	55.8	327.9	11,800	150
155	45.7	307.5	10,900*	48.9	314.9	12,600*	54.0	324.3	11,200	155
160	43.6	302.3	10,500*	47.0	310.2	12,300*	52.2	320.5	10,600	160
165	41.5	296.7	10,100*	45.0	305.3	11,900	50.4	316.3	10,000	165
170	39.2	290.6	9,700*	42.9	299.9	11,300	48.5	311.9	9,500	170
175	36.8	284.0	9,300*	40.7	294.2	10,700	46.5	307.2	9,000	175
180	34.3	276.8	8,900*	38.4	287.9	10,200	44.5	302.1	8,500	180
185	31.7	268.8	8,500*	36.0	281.1	9,700	42.4	296.7	8,100	185
190	28.7	259.9	8,100*	33.5	273.7	9,300	40.2	290.8	7,700	190
195	25.5	249.8	7,800*	30.7	265.5	8,800	37.9	284.5	7,300	195
200	21.9	237.9	7,600*	27.7	256.2	8,400	35.5	277.6	6,900	200
205	17.4	223.3	7,300*	24.4	245.6	8,000	32.9	270.0	6,500	205
210	11.3	202.5	6,200*	20.5	233.0	7,600	30.1	261.5	6,200	210
215				15.7	216.9	7,200	27.0	252.0	5,900	215
220				8.3	191.6	6,100*	23.5	240.9	5,500	220
225							19.5	227.7	5,200	225
230							14.3	210.3	4,900	230
235							5.1	178.2	4,600	235

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.0	349.5	16,800*							65
70	73.4	348.0	16,600*							70
75	71.9	346.3	16,400*							75
80	70.3	344.5	16,100*	72.9	346.9	16,200*				80
85	68.7	342.5	15,800*	71.3	345.2	16,000*				85
90	67.0	340.4	15,600*	69.7	343.3	15,800*				90
95	65.4	338.1	15,400*	68.1	341.3	15,600*				95
100	63.7	335.6	15,200*	66.5	339.1	15,400*				100
105	62.0	332.9	14,900*	64.8	336.7	15,200*				105
110	60.3	330.0	14,500*	63.1	334.2	15,000*	67.7	338.9	14,900*	110
115	58.5	327.0	14,000*	61.4	331.4	14,800*	66.1	336.6	14,800*	115
120	56.7	323.7	13,500*	59.7	328.5	14,400*	64.4	334.2	14,700*	120
125	54.9	320.1	13,000*	57.9	325.3	13,900*	62.7	331.6	14,600*	125
130	53.0	316.4	12,600*	56.1	322.0	13,400*	61.0	328.9	14,400*	130
135	51.0	312.3	12,200*	54.2	318.4	13,000*	59.3	325.9	14,300*	135
140	49.1	308.0	11,800*	52.4	314.5	12,600*	57.5	322.7	13,800	140
145	47.0	303.3	11,500*	50.4	310.4	12,200*	55.7	319.2	13,100	145
150	44.9	298.3	11,100*	48.4	305.9	11,800*	53.8	315.6	12,400	150
155	42.7	292.9	10,800*	46.3	301.2	11,400*	51.9	311.6	11,700	155
160	40.4	287.1	10,500*	44.2	296.0	11,100*	49.9	307.5	11,100	160
165	38.0	280.7	10,100*	41.9	290.5	10,800*	47.9	302.9	10,600	165
170	35.4	273.7	9,600*	39.6	284.5	10,500*	45.8	298.1	10,100	170
175	32.6	266.0	9,100*	37.1	277.9	10,200*	43.7	292.9	9,600	175
180	29.6	257.4	8,700*	34.5	270.7	10,000*	41.4	287.2	9,100	180
185	26.3	247.6	8,400*	31.7	262.8	9,700*	39.0	281.1	8,700	185
190	22.6	236.1	8,000*	28.6	253.8	9,500*	36.5	274.4	8,200	190
195	18.0	221.8	7,700*	25.1	243.5	9,300*	33.8	267.0	7,800	195
200	11.8	201.6	7,400*	21.2	231.2	9,000	31.0	258.9	7,500	200
205				16.2	215.6	8,500	27.8	249.6	7,100	205
210				8.7	191.0	7,600*	24.3	238.9	6,800	210
215							20.1	226.1	6,400	215
220							14.8	209.2	6,100	220
225							5.3	178.0	5,800	225

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.8	359.8	15,700*							65
70	74.3	358.4	15,500*							70
75	72.8	356.9	15,300*							75
80	71.3	355.1	15,100*							80
85	69.8	353.3	14,900*	72.3	355.7	15,000*				85
90	68.2	351.3	14,600*	70.8	354.0	14,800*				90
95	66.7	349.1	14,400*	69.3	352.1	14,600*				95
100	65.1	346.8	14,200*	67.7	350.0	14,400*				100
105	63.5	344.2	14,000*	66.2	347.8	14,300*				105
110	61.9	341.6	13,900*	64.6	345.4	14,100*				110
115	60.2	338.7	13,700*	63.0	342.8	13,900*	67.4	347.6	13,700*	115
120	58.6	335.6	13,200*	61.4	340.1	13,800*	65.8	345.3	13,600*	120
125	56.9	332.4	12,800*	59.7	337.1	13,600*	64.2	342.9	13,500*	125
130	55.1	328.9	12,300*	58.0	334.0	13,200*	62.6	340.3	13,400*	130
135	53.3	325.1	12,000*	56.3	330.7	12,700*	61.0	337.5	13,300*	135
140	51.5	321.2	11,600*	54.5	327.1	12,300*	59.3	334.5	13,200*	140
145	49.7	316.9	11,300*	52.8	323.3	11,900*	57.6	331.4	12,900	145
150	47.7	312.4	10,900*	50.9	319.2	11,600*	55.9	328.0	12,200	150
155	45.7	307.5	10,600*	49.0	314.9	11,200*	54.1	324.3	11,600	155
160	43.7	302.3	10,300*	47.1	310.2	10,900*	52.3	320.5	11,000	160
165	41.5	296.7	9,900*	45.1	305.3	10,600*	50.5	316.3	10,400	165
170	39.3	290.6	9,500*	43.0	299.9	10,300*	48.6	311.9	9,900	170
175	36.9	284.0	9,100*	40.8	294.2	10,100*	46.6	307.2	9,400	175
180	34.4	276.8	8,700*	38.5	287.9	9,800*	44.6	302.1	8,900	180
185	31.7	268.8	8,300*	36.1	281.1	9,600*	42.5	296.7	8,500	185
190	28.9	260.0	8,000*	33.6	273.7	9,400*	40.3	290.9	8,100	190
195	25.6	249.8	7,700*	30.8	265.5	9,100*	38.0	284.5	7,700	195
200	22.0	238.0	7,400*	27.8	256.2	8,800	35.5	277.6	7,300	200
205	17.5	223.3	7,100*	24.5	245.6	8,400	33.0	270.0	7,000	205
210	11.4	202.5	6,700*	20.6	233.0	8,000	30.1	261.5	6,600	210
215				15.8	216.9	7,700	27.1	252.0	6,300	215
220				8.4	191.6	6,600*	23.6	241.0	6,000	220
225							19.6	227.7	5,700	225
230							14.4	210.4	5,400	230
235							5.2	178.3	5,100	235

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	75.1	368.8	14,300*							70
75	73.6	367.4	14,100*							75
80	72.2	365.7	13,900*							80
85	70.8	364.0	13,800*							85
90	69.3	362.1	13,600*	71.7	364.6	13,600*				90
95	67.8	360.0	13,400*	70.3	362.8	13,400*				95
100	66.4	357.8	13,200*	68.8	360.8	13,300*				100
105	64.9	355.5	13,000*	67.4	358.7	13,100*				105
110	63.3	352.9	12,800*	65.9	356.5	13,000*				110
115	61.8	350.2	12,700*	64.4	354.1	12,900*				115
120	60.2	347.4	12,500*	62.8	351.5	12,800*	67.0	356.3	12,500*	120
125	58.6	344.3	12,400*	61.3	348.7	12,600*	65.5	354.0	12,400*	125
130	57.0	341.0	12,100*	59.7	345.8	12,500*	64.0	351.6	12,300*	130
135	55.4	337.6	11,700*	58.1	342.7	12,300*	62.5	349.0	12,200*	135
140	53.7	333.9	11,400*	56.5	339.4	12,100*	60.9	346.2	12,200*	140
145	52.0	330.0	11,000*	54.8	335.8	11,700*	59.3	343.2	12,100*	145
150	50.2	325.8	10,700*	53.1	332.1	11,300*	57.7	340.0	11,900	150
155	48.4	321.4	10,300*	51.4	328.1	11,000*	56.1	336.6	11,200	155
160	46.5	316.6	10,000*	49.6	323.8	10,700*	54.4	333.1	10,600	160
165	44.6	311.6	9,600*	47.8	319.3	10,400*	52.7	329.3	10,100	165
170	42.6	306.1	9,200*	45.9	314.5	10,200*	51.0	325.2	9,600	170
175	40.5	300.3	8,900*	43.9	309.3	9,900*	49.2	320.9	9,100	175
180	38.3	294.0	8,500*	41.9	303.7	9,700*	47.3	316.3	8,600	180
185	36.0	287.2	8,200*	39.8	297.7	9,400*	45.4	311.4	8,200	185
190	33.6	279.8	7,900*	37.6	291.3	9,200*	43.5	306.1	7,800	190
195	31.0	271.6	7,600*	35.2	284.3	8,900	41.4	300.5	7,400	195
200	28.1	262.4	7,200*	32.7	276.6	8,500	39.3	294.4	7,000	200
205	25.0	252.0	7,000*	30.0	268.1	8,100	37.0	287.8	6,600	205
210	21.4	239.8	6,700*	27.1	258.6	7,700	34.7	280.6	6,300	210
215	17.1	224.7	6,500*	23.9	247.7	7,400	32.1	272.8	6,000	215
220	11.1	203.4	5,600*	20.1	234.7	7,000	29.4	264.1	5,700	220
225				15.4	218.2	6,700	26.4	254.3	5,400	225
230				8.2	192.2	5,500*	23.0	242.9	5,100	230
235							19.1	229.3	4,800	235
240							14.1	211.5	4,500	240
245							5.0	178.7	4,200	245



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.6	359.9	13,800*							65
70	74.1	358.5	13,500*							70
75	72.6	356.9	13,300*							75
80	71.1	355.2	13,000*							80
85	69.6	353.3	12,800*	72.1	355.8	13,000*				85
90	68.0	351.3	12,600*	70.6	354.0	12,800*				90
95	66.5	349.1	12,300*	69.1	352.1	12,600*				95
100	64.9	346.8	12,100*	67.5	350.1	12,400*				100
105	63.3	344.3	11,900*	66.0	347.8	12,200*				105
110	61.7	341.6	11,700*	64.4	345.4	12,000*				110
115	60.1	338.7	11,500*	62.8	342.9	11,800*	67.2	347.6	11,900*	115
120	58.4	335.7	11,300*	61.2	340.1	11,600*	65.6	345.4	11,800*	120
125	56.7	332.4	11,200*	59.5	337.2	11,400*	64.0	343.0	11,600*	125
130	54.9	328.9	11,000*	57.8	334.1	11,300*	62.4	340.4	11,500*	130
135	53.2	325.2	10,800*	56.1	330.7	11,100*	60.8	337.6	11,300*	135
140	51.3	321.2	10,700*	54.4	327.1	10,900*	59.1	334.6	11,200*	140
145	49.5	317.0	10,300*	52.6	323.4	10,800*	57.4	331.4	11,100*	145
150	47.5	312.4	10,000*	50.7	319.3	10,600*	55.7	328.0	10,900*	150
155	45.6	307.6	9,700*	48.8	315.0	10,300*	54.0	324.4	10,800*	155
160	43.5	302.4	9,400*	46.9	310.3	10,000*	52.1	320.5	10,600*	160
165	41.3	296.7	9,200*	44.9	305.3	9,700*	50.3	316.4	10,500*	165
170	39.1	290.7	8,900*	42.8	300.0	9,400*	48.4	312.0	10,100	170
175	36.7	284.1	8,700*	40.6	294.2	9,200*	46.4	307.3	9,600	175
180	34.2	276.9	8,400*	38.3	288.0	8,900*	44.4	302.2	9,200	180
185	31.6	268.9	8,000*	36.0	281.2	8,700*	42.3	296.8	8,700	185
190	28.7	260.0	7,700*	33.4	273.8	8,400*	40.1	290.9	8,300	190
195	25.5	249.9	7,400*	30.6	265.6	8,200*	37.8	284.6	7,900	195
200	21.8	238.1	7,100*	27.6	256.3	8,000*	35.4	277.6	7,500	200
205	17.4	223.4	6,800*	24.3	245.7	7,800*	32.8	270.0	7,200	205
210	11.3	202.8	6,500*	20.4	233.1	7,700*	30.0	261.6	6,800	210
215				15.6	217.1	7,500*	26.9	252.1	6,500	215
220				8.3	191.9	6,800*	23.5	241.1	6,200	220
225							19.4	227.8	5,900	225
230							14.3	210.5	5,600	230
235							5.1	178.9	5,300	235

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	74.9	368.9	12,900*							70
75	73.5	367.4	12,700*							75
80	72.0	365.8	12,500*							80
85	70.6	364.0	12,200*							85
90	69.1	362.1	12,000*	71.6	364.6	12,200*				90
95	67.7	360.1	11,800*	70.1	362.8	12,000*				95
100	66.2	357.9	11,600*	68.7	360.9	11,800*				100
105	64.7	355.5	11,400*	67.2	358.8	11,600*				105
110	63.2	353.0	11,300*	65.7	356.5	11,500*				110
115	61.6	350.3	11,100*	64.2	354.1	11,300*				115
120	60.0	347.4	10,900*	62.7	351.5	11,100*	66.8	356.4	11,200*	120
125	58.5	344.4	10,800*	61.1	348.8	11,000*	65.3	354.1	11,100*	125
130	56.8	341.1	10,600*	59.5	345.9	10,800*	63.8	351.6	10,900*	130
135	55.2	337.6	10,500*	57.9	342.7	10,700*	62.3	349.0	10,800*	135
140	53.5	334.0	10,300*	56.3	339.4	10,500*	60.7	346.2	10,700*	140
145	51.8	330.0	10,100*	54.6	335.9	10,400*	59.2	343.2	10,600*	145
150	50.0	325.9	9,800*	52.9	332.1	10,300*	57.5	340.1	10,500*	150
155	48.2	321.4	9,500*	51.2	328.1	10,100*	55.9	336.7	10,300*	155
160	46.3	316.7	9,300*	49.4	323.9	9,800*	54.2	333.1	10,200*	160
165	44.4	311.6	9,000*	47.6	319.4	9,500*	52.5	329.3	10,100*	165
170	42.4	306.2	8,800*	45.7	314.5	9,300*	50.8	325.3	9,900	170
175	40.3	300.4	8,500*	43.7	309.3	9,000*	49.0	320.9	9,400	175
180	38.1	294.1	8,300*	41.7	303.8	8,800*	47.2	316.3	9,000	180
185	35.8	287.3	8,000*	39.6	297.8	8,500*	45.2	311.4	8,600	185
190	33.4	279.8	7,700*	37.4	291.4	8,300*	43.3	306.2	8,100	190
195	30.8	271.6	7,400*	35.0	284.4	8,100*	41.2	300.5	7,700	195
200	28.0	262.5	7,100*	32.6	276.7	7,900*	39.1	294.4	7,400	200
205	24.8	252.1	6,800*	29.9	268.2	7,700*	36.8	287.9	7,000	205
210	21.2	239.9	6,500*	27.0	258.7	7,500*	34.5	280.7	6,700	210
215	16.9	224.9	6,300*	23.7	247.8	7,400*	32.0	272.9	6,400	215
220	11.0	203.7	6,000*	19.9	234.8	7,200*	29.2	264.2	6,100	220
225				15.2	218.4	7,100*	26.2	254.4	5,800	225
230				8.1	192.6	5,900*	22.9	243.1	5,500	230
235							18.9	229.5	5,200	235
240							13.9	211.7	4,900	240
245							5.0	179.2	4,600	245



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	75.6	379.2	12,100*							70
75	74.2	377.8	11,900*							75
80	72.9	376.3	11,700*							80
85	71.5	374.6	11,700*							85
90	70.1	372.8	11,400*	72.4	375.2	11,500*				90
95	68.7	370.9	11,200*	71.1	373.5	11,300*				95
100	67.3	368.8	11,000*	69.7	371.6	11,100*				100
105	65.9	366.6	10,800*	68.3	369.6	11,000*				105
110	64.5	364.2	10,700*	66.9	367.5	10,800*				110
115	63.0	361.6	10,500*	65.4	365.2	10,700*				115
120	61.5	358.9	10,400*	64.0	362.8	10,500*	67.9	367.3	10,500*	120
125	60.0	356.1	10,200*	62.5	360.2	10,400*	66.5	365.1	10,400*	125
130	58.5	353.0	10,100*	61.1	357.5	10,300*	65.1	362.8	10,300*	130
135	57.0	349.8	10,000*	59.5	354.5	10,100*	63.7	360.3	10,200*	135
140	55.4	346.4	9,800*	58.0	351.4	10,000*	62.2	357.7	10,100*	140
145	53.8	342.7	9,700*	56.5	348.1	9,900*	60.7	354.9	10,000*	145
150	52.2	338.8	9,600*	54.9	344.6	9,800*	59.2	351.9	9,900*	150
155	50.5	334.7	9,400*	53.3	340.9	9,700*	57.7	348.7	9,800*	155
160	48.8	330.4	9,100*	51.6	337.0	9,600*	56.1	345.4	9,700*	160
165	47.0	325.8	8,900*	49.9	332.8	9,400*	54.5	341.9	9,600*	165
170	45.2	320.8	8,600*	48.2	328.3	9,100*	52.9	338.1	9,500*	170
175	43.3	315.6	8,400*	46.4	323.6	8,800*	51.2	334.1	9,100	175
180	41.4	310.0	8,100*	44.6	318.6	8,600*	49.5	329.9	8,600	180
185	39.3	303.9	7,800*	42.7	313.2	8,400*	47.8	325.4	8,200	185
190	37.2	297.4	7,500*	40.7	307.5	8,200*	46.0	320.6	7,800	190
195	35.0	290.4	7,300*	38.6	301.3	8,000*	44.1	315.5	7,400	195
200	32.6	282.7	7,000*	36.5	294.6	7,800*	42.2	310.0	7,000	200
205	30.0	274.3	6,700*	34.2	287.4	7,600*	40.2	304.2	6,700	205
210	27.3	264.9	6,400*	31.8	279.5	7,400*	38.1	297.9	6,400	210
215	24.2	254.2	6,200*	29.2	270.8	7,300*	36.0	291.1	6,000	215
220	20.7	241.7	6,000*	26.3	261.0	7,100*	33.7	283.7	5,700	220
225	16.5	226.3	5,800*	23.1	249.8	6,800	31.2	275.6	5,400	225
230	10.7	204.6	5,000*	19.5	236.5	6,500	28.5	266.7	5,200	230
235				14.9	219.6	6,200	25.6	256.6	4,900	235
240				7.9	193.2	4,900*	22.3	245.0	4,600	240
245							18.5	231.1	4,400	245
250							13.6	212.9	4,100	250

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	74.5	340.2	21,600*							60
65	72.8	338.7	21,400*							65
70	71.0	337.0	21,200*							70
75	69.2	335.2	20,900*	72.4	337.8	21,200*				75
80	67.4	333.1	20,600*	70.6	336.0	20,800*				80
85	65.6	330.9	20,400*	68.8	334.1	20,700*				85
90	63.7	328.5	19,700*	67.0	332.0	20,500*				90
95	61.8	325.8	19,000*	65.2	329.8	20,300*				95
100	59.9	323.0	18,300*	63.3	327.3	20,100*				100
105	57.9	319.9	17,600*	61.4	324.6	19,900*	66.9	329.9	19,300*	105
110	55.9	316.5	16,900*	59.5	321.7	19,700*	65.1	327.6	19,100	110
115	53.8	313.0	16,200*	57.5	318.6	19,000*	63.2	325.1	17,900	115
120	51.7	309.1	15,500*	55.5	315.2	18,200*	61.3	322.4	16,800	120
125	49.5	304.9	14,800*	53.4	311.5	17,500*	59.3	319.5	15,800	125
130	47.3	300.4	14,200*	51.2	307.6	16,700*	57.3	316.4	14,900	130
135	44.9	295.5	13,500*	49.0	303.3	16,000*	55.3	313.0	14,100	135
140	42.5	290.1	12,900*	46.8	298.7	15,400*	53.2	309.3	13,300	140
145	39.9	284.3	12,300*	44.4	293.7	14,700*	51.1	305.3	12,600	145
150	37.2	277.9	11,700*	41.9	288.3	14,000	48.9	301.0	11,900	150
155	34.3	270.8	11,200*	39.3	282.3	13,300	46.6	296.4	11,200	155
160	31.1	262.9	10,600*	36.5	275.8	12,700	44.2	291.4	10,700	160
165	27.6	253.8	10,200*	33.6	268.5	12,000	41.8	285.9	10,100	165
170	23.7	243.1	9,700*	30.4	260.3	11,500	39.2	279.9	9,600	170
175	19.0	229.9	9,300*	26.8	250.9	10,900	36.4	273.4	9,100	175
180	12.6	211.6	9,000*	22.7	239.8	10,400	33.4	266.0	8,600	180
185				17.7	225.9	9,900	30.2	257.8	8,200	185
190				10.6	205.2	9,400	26.6	248.3	7,800	190
195							22.5	237.1	7,400	195
200							17.4	222.8	7,000	200
205							10.0	201.4	6,600	205



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	75.4	350.6	19,700*							60
65	73.8	349.2	19,500*							65
70	72.1	347.6	19,200*							70
75	70.4	345.9	19,000*							75
80	68.7	343.9	18,800*	71.7	346.6	18,900*				80
85	67.0	341.9	18,600*	70.0	344.8	18,700*				85
90	65.3	339.6	18,300*	68.3	342.9	18,500*				90
95	63.5	337.1	17,900*	66.6	340.8	18,300*				95
100	61.7	334.5	17,300*	64.9	338.5	18,100*				100
105	59.9	331.6	16,700*	63.1	336.0	18,000*				105
110	58.0	328.5	16,100*	61.3	333.3	17,800*	66.5	338.6	17,300*	110
115	56.1	325.2	15,500*	59.5	330.4	17,700*	64.8	336.3	17,200*	115
120	54.2	321.7	14,900*	57.6	327.2	17,500*	63.0	333.8	16,700	120
125	52.2	317.9	14,300*	55.7	323.9	16,900*	61.2	331.1	15,700	125
130	50.2	313.8	13,700*	53.8	320.3	16,300*	59.4	328.2	14,700	130
135	48.0	309.4	13,100*	51.7	316.4	15,600*	57.5	325.0	13,900	135
140	45.9	304.6	12,600*	49.7	312.2	15,000*	55.6	321.6	13,100	140
145	43.6	299.5	12,100*	47.6	307.7	14,300*	53.6	318.0	12,400	145
150	41.2	293.9	11,500*	45.4	302.9	13,800*	51.6	314.1	11,700	150
155	38.7	287.8	11,000*	43.1	297.7	13,200	49.6	310.0	11,100	155
160	36.1	281.2	10,600*	40.7	292.0	12,500	47.4	305.5	10,500	160
165	33.3	273.8	10,100*	38.2	285.8	11,900	45.2	300.6	10,000	165
170	30.2	265.5	9,600*	35.5	279.0	11,300	42.9	295.3	9,400	170
175	26.8	256.1	9,300*	32.6	271.4	10,800	40.5	289.6	8,900	175
180	23.0	245.1	8,900*	29.5	263.0	10,300	38.0	283.4	8,500	180
185	18.4	231.5	8,500*	26.0	253.2	9,800	35.3	276.5	8,100	185
190	12.2	212.6	8,200*	22.1	241.8	9,300	32.4	268.9	7,600	190
195				17.2	227.3	8,800	29.3	260.4	7,200	195
200				10.3	206.1	8,400	25.8	250.6	6,900	200
205							21.8	239.0	6,500	205
210							16.9	224.3	6,200	210
215							9.7	202.2	5,800	215

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	74.6	359.6	17,600*							65
70	73.1	358.1	17,300*							70
75	71.5	356.5	17,200*							75
80	69.9	354.7	16,900*	72.7	357.2	16,900*				80
85	68.3	352.7	16,700*	71.1	355.5	16,800*				85
90	66.7	350.6	16,500*	69.5	353.6	16,600*				90
95	65.0	348.3	16,400*	67.9	351.6	16,400*				95
100	63.3	345.8	16,100*	66.3	349.5	16,200*				100
105	61.6	343.1	15,600*	64.6	347.1	16,000*				105
110	59.9	340.3	15,100*	63.0	344.6	15,900*	67.8	349.5	15,400*	110
115	58.1	337.2	14,600*	61.2	341.9	15,700*	66.2	347.3	15,400*	115
120	56.3	333.9	14,100*	59.5	339.0	15,500*	64.5	345.0	15,200*	120
125	54.5	330.4	13,600*	57.7	335.9	15,400*	62.8	342.5	15,200*	125
130	52.6	326.7	13,100*	55.9	332.6	15,200*	61.1	339.7	14,400	130
135	50.7	322.6	12,600*	54.1	329.0	15,000*	59.4	336.8	13,500	135
140	48.7	318.3	12,100*	52.2	325.2	14,400*	57.6	333.7	12,800	140
145	46.7	313.7	11,600*	50.3	321.1	13,800*	55.8	330.4	12,000	145
150	44.6	308.7	11,200*	48.3	316.7	13,200*	54.0	326.8	11,400	150
155	42.4	303.4	10,700*	46.2	312.0	12,700*	52.1	323.0	10,700	155
160	40.1	297.6	10,300*	44.1	307.0	12,100*	50.2	318.8	10,200	160
165	37.7	291.2	9,900*	41.9	301.5	11,600	48.2	314.4	9,600	165
170	35.1	284.3	9,400*	39.5	295.6	11,000	46.1	309.7	9,100	170
175	32.3	276.7	9,100*	37.1	289.1	10,500	44.0	304.6	8,600	175
180	29.4	268.2	8,700*	34.5	282.1	10,000	41.7	299.1	8,100	180
185	26.1	258.5	8,300*	31.7	274.3	9,500	39.4	293.2	7,700	185
190	22.4	247.1	8,000*	28.7	265.5	9,000	36.9	286.7	7,300	190
195	17.9	233.1	7,700*	25.3	255.5	8,600	34.3	279.6	6,900	195
200	11.9	213.6	7,100*	21.5	243.6	8,100	31.5	271.7	6,500	200
205				16.8	228.8	7,700	28.5	262.9	6,200	205
210				10.0	206.9	7,300*	25.1	252.8	5,800	210
215							21.2	240.8	5,500	215
220							16.4	225.7	5,200	220
225							9.5	203.0	4,900	225

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
60	75.8	350.6	19,300*							60
65	74.2	349.1	19,100*							65
70	72.5	347.5	18,900*							70
75	70.8	345.8	18,600*							75
80	69.1	343.9	18,300*	72.1	346.6	18,500*				80
85	67.4	341.8	18,100*	70.5	344.8	18,300*				85
90	65.7	339.5	17,800*	68.8	342.8	18,200*				90
95	63.9	337.1	17,600*	67.0	340.7	18,000*				95
100	62.1	334.4	17,100*	65.3	338.4	17,800*				100
105	60.3	331.6	16,500*	63.5	335.9	17,600*				105
110	58.4	328.5	15,900*	61.7	333.2	17,400*	66.9	338.6	17,100*	110
115	56.5	325.2	15,300*	59.9	330.3	16,900*	65.2	336.2	17,000*	115
120	54.6	321.6	14,700*	58.0	327.2	16,300*	63.4	333.7	16,900	120
125	52.6	317.8	14,100*	56.1	323.8	15,700*	61.6	331.0	15,900	125
130	50.6	313.7	13,500*	54.2	320.2	15,200*	59.8	328.1	15,000	130
135	48.5	309.3	12,900*	52.2	316.3	14,700*	57.9	325.0	14,200	135
140	46.3	304.6	12,400*	50.1	312.2	14,300*	56.0	321.6	13,400	140
145	44.0	299.4	11,800*	48.0	307.7	13,900*	54.0	318.0	12,700	145
150	41.6	293.8	11,300*	45.8	302.9	13,500*	52.0	314.1	12,000	150
155	39.1	287.7	10,800*	43.5	297.6	13,100*	50.0	309.9	11,400	155
160	36.5	281.1	10,300*	41.1	291.9	12,700*	47.8	305.4	10,800	160
165	33.7	273.7	9,800*	38.5	285.7	12,200	45.6	300.5	10,200	165
170	30.6	265.5	9,300*	35.9	278.9	11,600	43.3	295.3	9,700	170
175	27.2	256.0	9,000*	33.0	271.4	11,100	40.9	289.5	9,200	175
180	23.4	245.0	8,600*	29.9	262.9	10,600	38.4	283.3	8,800	180
185	18.8	231.4	8,200*	26.4	253.1	10,100	35.7	276.5	8,300	185
190	12.6	212.4	7,900*	22.5	241.6	9,600	32.8	268.8	7,900	190
195				17.6	227.2	9,100	29.7	260.3	7,500	195
200				10.6	205.8	8,700	26.2	250.5	7,100	200
205							22.2	238.8	6,800	205
210							17.3	224.1	6,400	210
215							10.1	201.9	6,100	215

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.0	359.5	17,500*							65
70	73.5	358.0	17,300*							70
75	71.9	356.4	17,100*							75
80	70.3	354.6	16,900*							80
85	68.7	352.6	16,600*	71.5	355.4	16,800*				85
90	67.0	350.5	16,400*	69.9	353.6	16,600*				90
95	65.4	348.2	16,200*	68.3	351.6	16,400*				95
100	63.7	345.7	16,000*	66.7	349.4	16,300*				100
105	62.0	343.1	15,600*	65.0	347.1	16,100*				105
110	60.3	340.2	15,100*	63.3	344.6	16,000*				110
115	58.5	337.2	14,600*	61.6	341.9	15,800*	66.6	347.3	15,400*	115
120	56.7	333.9	14,000*	59.9	339.0	15,600*	64.9	344.9	15,400*	120
125	54.9	330.4	13,500*	58.1	335.9	15,400*	63.2	342.4	15,300*	125
130	53.0	326.6	13,000*	56.3	332.5	14,900*	61.5	339.7	14,900	130
135	51.1	322.6	12,500*	54.5	329.0	14,400*	59.8	336.8	14,000	135
140	49.1	318.3	12,000*	52.6	325.1	14,000*	58.0	333.6	13,200	140
145	47.1	313.6	11,500*	50.7	321.1	13,600*	56.2	330.3	12,500	145
150	45.0	308.7	11,100*	48.7	316.7	13,200*	54.4	326.7	11,800	150
155	42.7	303.3	10,600*	46.6	312.0	12,900*	52.5	322.9	11,200	155
160	40.5	297.5	10,200*	44.5	306.9	12,500*	50.5	318.8	10,600	160
165	38.0	291.2	9,700*	42.2	301.4	12,000*	48.5	314.4	10,100	165
170	35.5	284.2	9,300*	39.9	295.5	11,500	46.5	309.6	9,600	170
175	32.7	276.6	8,900*	37.5	289.1	10,900	44.3	304.6	9,100	175
180	29.7	268.0	8,500*	34.9	282.0	10,400	42.1	299.1	8,600	180
185	26.5	258.3	8,200*	32.1	274.2	9,900	39.8	293.1	8,200	185
190	22.7	246.9	7,800*	29.0	265.4	9,500	37.3	286.6	7,800	190
195	18.3	232.9	7,500*	25.7	255.4	9,000	34.7	279.5	7,400	195
200	12.2	213.4	7,200*	21.8	243.5	8,600	31.9	271.6	7,000	200
205				17.1	228.6	8,200	28.9	262.8	6,600	205
210				10.3	206.6	7,800	25.5	252.7	6,300	210
215							21.6	240.7	6,000	215
220							16.8	225.5	5,700	220
225							9.8	202.7	5,300	225

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.8	369.9	15,900*							65
70	74.3	368.5	15,700*							70
75	72.8	367.0	15,500*							75
80	71.3	365.2	15,300*							80
85	69.8	363.4	15,100*	72.5	366.0	15,200*				85
90	68.2	361.4	15,000*	71.0	364.3	15,000*				90
95	66.7	359.2	14,800*	69.4	362.4	14,800*				95
100	65.1	356.9	14,600*	67.9	360.3	14,700*				100
105	63.5	354.4	14,400*	66.3	358.1	14,500*				105
110	61.9	351.7	14,100*	64.8	355.8	14,300*				110
115	60.3	348.9	13,700*	63.2	353.2	14,200*	67.8	358.2	13,800*	115
120	58.6	345.8	13,300*	61.5	350.5	14,000*	66.2	356.0	13,800*	120
125	56.9	342.6	12,800*	59.9	347.6	13,900*	64.7	353.6	13,700*	125
130	55.2	339.1	12,400*	58.2	344.5	13,800*	63.1	351.1	13,600*	130
135	53.4	335.4	11,900*	56.5	341.2	13,700*	61.5	348.3	13,500*	135
140	51.6	331.4	11,500*	54.8	337.7	13,500*	59.8	345.4	12,900	140
145	49.7	327.2	11,100*	53.0	333.9	13,300*	58.1	342.3	12,200	145
150	47.8	322.7	10,700*	51.2	329.9	13,000*	56.4	339.0	11,500	150
155	45.8	317.8	10,200*	49.3	325.6	12,500*	54.7	335.5	10,900	155
160	43.7	312.6	9,800*	47.3	321.0	12,000*	52.9	331.7	10,300	160
165	41.6	307.1	9,500*	45.3	316.1	11,500*	51.0	327.6	9,700	165
170	39.4	301.0	9,100*	43.3	310.8	11,100*	49.2	323.3	9,200	170
175	37.0	294.5	8,700*	41.1	305.2	10,600*	47.2	318.7	8,700	175
180	34.5	287.3	8,400*	38.8	299.0	10,100	45.2	313.8	8,300	180
185	31.9	279.4	8,000*	36.5	292.3	9,600	43.1	308.5	7,800	185
190	29.0	270.6	7,700*	33.9	285.0	9,200	41.0	302.8	7,400	190
195	25.8	260.6	7,400*	31.2	276.9	8,700	38.7	296.6	7,000	195
200	22.1	248.9	7,100*	28.3	267.9	8,300	36.3	289.9	6,700	200
205	17.8	234.4	6,800*	25.0	257.5	7,900	33.8	282.5	6,300	205
210	11.9	214.3	6,500*	21.2	245.3	7,500	31.1	274.4	6,000	210
215				16.6	230.0	7,200	28.1	265.3	5,700	215
220				10.1	207.4	6,700*	24.8	254.8	5,400	220
225							21.0	242.5	5,100	225
230							16.3	226.9	4,800	230
235							9.5	203.5	4,500	235

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.1	359.6	16,300*							65
70	73.6	358.1	16,100*							70
75	72.0	356.4	15,900*							75
80	70.4	354.6	15,600*							80
85	68.8	352.6	15,400*	71.6	355.4	15,600*				85
90	67.1	350.5	15,200*	70.0	353.6	15,400*				90
95	65.5	348.2	14,900*	68.4	351.6	15,200*				95
100	63.8	345.7	14,700*	66.8	349.4	15,000*				100
105	62.1	343.1	14,500*	65.1	347.1	14,800*				105
110	60.4	340.2	14,300*	63.4	344.6	14,600*				110
115	58.6	337.2	13,900*	61.7	341.9	14,500*	66.7	347.3	14,400*	115
120	56.8	333.9	13,500*	60.0	339.0	14,300*	65.0	344.9	14,300*	120
125	55.0	330.4	13,000*	58.2	335.9	14,000*	63.3	342.4	14,200*	125
130	53.1	326.6	12,600*	56.4	332.5	13,500*	61.6	339.7	14,100*	130
135	51.2	322.6	12,200*	54.6	329.0	13,000*	59.9	336.8	14,000*	135
140	49.2	318.3	11,800*	52.7	325.1	12,600*	58.1	333.6	13,500	140
145	47.2	313.6	11,300*	50.7	321.1	12,200*	56.3	330.3	12,800	145
150	45.0	308.7	10,800*	48.8	316.7	11,800*	54.5	326.7	12,100	150
155	42.8	303.3	10,400*	46.7	312.0	11,500*	52.6	322.9	11,500	155
160	40.5	297.5	9,900*	44.6	306.9	11,200*	50.6	318.8	10,900	160
165	38.1	291.2	9,500*	42.3	301.5	10,800*	48.6	314.4	10,300	165
170	35.6	284.2	9,000*	40.0	295.5	10,600*	46.6	309.7	9,800	170
175	32.8	276.6	8,600*	37.6	289.1	10,300*	44.4	304.6	9,300	175
180	29.9	268.1	8,200*	35.0	282.0	10,000*	42.2	299.1	8,900	180
185	26.6	258.4	7,900*	32.2	274.2	9,800*	39.9	293.1	8,400	185
190	22.8	247.0	7,600*	29.1	265.4	9,500*	37.4	286.6	8,000	190
195	18.4	232.9	7,200*	25.8	255.4	9,100*	34.8	279.5	7,600	195
200	12.3	213.4	7,000*	21.9	243.5	8,700*	32.0	271.7	7,200	200
205				17.2	228.6	8,300*	29.0	262.8	6,900	205
210				10.4	206.7	8,000*	25.6	252.7	6,600	210
215							21.7	240.7	6,200	215
220							16.9	225.6	5,900	220
225							9.9	202.8	5,600	225



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.9	369.9	15,200*							65
70	74.4	368.5	15,000*							70
75	72.9	367.0	14,800*							75
80	71.4	365.3	14,600*							80
85	69.9	363.4	14,400*	72.6	366.0	14,500*				85
90	68.3	361.4	14,200*	71.1	364.3	14,400*				90
95	66.8	359.2	14,000*	69.5	362.4	14,200*				95
100	65.2	356.9	13,800*	68.0	360.3	14,000*				100
105	63.6	354.4	13,600*	66.4	358.1	13,900*				105
110	62.0	351.7	13,500*	64.9	355.8	13,700*				110
115	60.4	348.9	13,300*	63.3	353.2	13,500*	67.9	358.2	13,300*	115
120	58.7	345.8	13,100*	61.6	350.5	13,400*	66.3	356.0	13,200*	120
125	57.0	342.6	12,700*	60.0	347.6	13,200*	64.8	353.6	13,200*	125
130	55.2	339.1	12,300*	58.3	344.5	13,100*	63.2	351.1	13,100*	130
135	53.5	335.4	11,800*	56.6	341.2	12,800*	61.5	348.4	13,000*	135
140	51.7	331.4	11,400*	54.9	337.7	12,400*	59.9	345.4	12,900*	140
145	49.8	327.2	11,000*	53.1	333.9	12,000*	58.2	342.3	12,600	145
150	47.9	322.7	10,600*	51.2	329.9	11,600*	56.5	339.0	11,900	150
155	45.9	317.9	10,100*	49.4	325.6	11,300*	54.7	335.5	11,300	155
160	43.8	312.7	9,700*	47.4	321.0	11,000*	53.0	331.7	10,700	160
165	41.7	307.1	9,300*	45.4	316.1	10,700*	51.1	327.6	10,200	165
170	39.5	301.0	9,000*	43.4	310.9	10,400*	49.2	323.3	9,600	170
175	37.1	294.5	8,600*	41.2	305.2	10,100*	47.3	318.7	9,200	175
180	34.6	287.3	8,200*	38.9	299.0	9,800*	45.3	313.8	8,700	180
185	32.0	279.4	7,800*	36.6	292.3	9,600*	43.2	308.5	8,300	185
190	29.1	270.6	7,500*	34.0	285.0	9,400*	41.1	302.8	7,900	190
195	25.9	260.6	7,200*	31.3	276.9	9,100	38.8	296.6	7,500	195
200	22.2	248.9	6,900*	28.4	267.9	8,700	36.4	289.9	7,100	200
205	17.9	234.4	6,700*	25.1	257.5	8,300	33.9	282.5	6,700	205
210	12.0	214.4	6,400*	21.3	245.3	7,900	31.1	274.4	6,400	210
215				16.7	230.0	7,600	28.2	265.3	6,100	215
220				10.2	207.5	7,100*	24.9	254.8	5,800	220
225							21.1	242.5	5,500	225
230							16.4	226.9	5,200	230
235							9.6	203.5	4,900	235

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	75.2	378.9	13,900*							70
75	73.7	377.5	13,700*							75
80	72.3	375.8	13,500*							80
85	70.9	374.1	13,300*							85
90	69.4	372.2	13,200*	72.0	374.9	13,200*				90
95	68.0	370.1	13,000*	70.6	373.1	13,000*				95
100	66.5	368.0	12,800*	69.1	371.2	12,900*				100
105	65.0	365.6	12,600*	67.6	369.1	12,700*				105
110	63.5	363.1	12,400*	66.1	366.9	12,700*				110
115	61.9	360.4	12,300*	64.6	364.5	12,500*				115
120	60.3	357.5	12,100*	63.1	361.9	12,400*	67.5	366.9	12,100*	120
125	58.8	354.5	12,000*	61.6	359.2	12,300*	66.1	364.7	12,000*	125
130	57.1	351.3	11,600*	60.0	356.3	12,100*	64.5	362.3	12,000*	130
135	55.5	347.8	11,200*	58.4	353.2	12,000*	63.0	359.7	11,900*	135
140	53.8	344.2	10,900*	56.8	349.9	11,900*	61.5	357.0	11,800*	140
145	52.1	340.3	10,500*	55.1	346.4	11,700*	59.9	354.1	11,700*	145
150	50.3	336.1	10,100*	53.4	342.7	11,400*	58.3	351.0	11,600	150
155	48.5	331.7	9,700*	51.7	338.8	11,100*	56.7	347.7	10,900	155
160	46.6	327.0	9,400*	49.9	334.5	10,800*	55.0	344.2	10,400	160
165	44.7	321.9	9,000*	48.1	330.1	10,500*	53.3	340.5	9,800	165
170	42.7	316.5	8,700*	46.2	325.3	10,200*	51.6	336.5	9,300	170
175	40.6	310.7	8,400*	44.3	320.2	9,900*	49.8	332.3	8,800	175
180	38.5	304.5	8,000*	42.2	314.7	9,700*	48.0	327.8	8,400	180
185	36.2	297.7	7,700*	40.2	308.8	9,500*	46.1	323.0	7,900	185
190	33.7	290.3	7,400*	38.0	302.4	9,200*	44.1	317.8	7,500	190
195	31.1	282.2	7,100*	35.6	295.5	8,800	42.1	312.3	7,100	195
200	28.3	273.1	6,800*	33.2	288.0	8,400	40.0	306.4	6,800	200
205	25.2	262.8	6,600*	30.5	279.6	8,000	37.8	300.0	6,400	205
210	21.7	250.7	6,300*	27.7	270.3	7,700	35.5	293.0	6,100	210
215	17.4	235.9	6,100*	24.5	259.6	7,300	33.0	285.5	5,800	215
220	11.7	215.3	5,900*	20.8	247.1	6,900	30.4	277.1	5,500	220
225				16.3	231.4	6,600	27.5	267.7	5,200	225
230				9.9	208.3	6,000*	24.2	256.9	4,900	230
235							20.5	244.2	4,600	235
240							16.0	228.3	4,300	240
245							9.3	204.3	4,100	245



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
65	75.7	370.0	13,500*							65
70	74.2	368.6	13,200*							70
75	72.7	367.0	13,000*							75
80	71.2	365.3	12,800*							80
85	69.7	363.5	12,600*	72.4	366.0	12,800*				85
90	68.2	361.5	12,400*	70.9	364.3	12,600*				90
95	66.6	359.3	12,100*	69.3	362.4	12,400*				95
100	65.0	357.0	11,900*	67.8	360.4	12,200*				100
105	63.4	354.5	11,700*	66.2	358.2	12,000*				105
110	61.8	351.8	11,500*	64.7	355.8	11,800*				110
115	60.2	348.9	11,400*	63.1	353.3	11,600*	67.7	358.2	11,700*	115
120	58.5	345.9	11,200*	61.5	350.6	11,500*	66.2	356.0	11,600*	120
125	56.8	342.6	11,000*	59.8	347.7	11,300*	64.6	353.7	11,500*	125
130	55.1	339.2	10,800*	58.1	344.6	11,100*	63.0	351.1	11,300*	130
135	53.3	335.5	10,700*	56.4	341.3	11,000*	61.3	348.4	11,200*	135
140	51.5	331.5	10,600*	54.7	337.8	10,800*	59.7	345.5	11,100*	140
145	49.6	327.3	10,300*	52.9	334.0	10,700*	58.0	342.4	10,900*	145
150	47.7	322.7	10,000*	51.1	330.0	10,500*	56.3	339.0	10,800*	150
155	45.7	317.9	9,700*	49.2	325.7	10,400*	54.6	335.5	10,700*	155
160	43.6	312.7	9,400*	47.2	321.1	10,000*	52.8	331.7	10,500*	160
165	41.5	307.1	9,100*	45.2	316.2	9,700*	50.9	327.7	10,400	165
170	39.3	301.1	8,700*	43.2	310.9	9,500*	49.1	323.4	9,800	170
175	36.9	294.5	8,300*	41.0	305.2	9,200*	47.1	318.8	9,400	175
180	34.4	287.4	8,000*	38.8	299.1	8,900*	45.1	313.9	8,900	180
185	31.8	279.5	7,600*	36.4	292.4	8,700*	43.0	308.6	8,500	185
190	28.9	270.7	7,300*	33.8	285.1	8,500*	40.9	302.9	8,100	190
195	25.7	260.7	7,000*	31.1	277.0	8,300*	38.6	296.7	7,700	195
200	22.1	249.0	6,700*	28.2	268.0	8,100*	36.2	290.0	7,300	200
205	17.7	234.6	6,400*	24.9	257.6	7,900*	33.7	282.6	7,000	205
210	11.8	214.6	6,200*	21.2	245.5	7,700*	31.0	274.5	6,600	210
215				16.6	230.2	7,400*	28.0	265.4	6,300	215
220				10.0	207.8	7,100*	24.7	254.9	6,000	220
225							20.9	242.6	5,700	225
230							16.3	227.1	5,400	230
235							9.5	203.8	5,100	235

Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At

3 Degree Offset Angle On

Luffing Jib No. 155 On

Boom No. 84

98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	75.0	379.0	12,600*							70
75	73.6	377.5	12,400*							75
80	72.1	375.9	12,200*							80
85	70.7	374.1	12,000*							85
90	69.2	372.2	11,800*	71.8	374.9	11,900*				90
95	67.8	370.2	11,600*	70.4	373.1	11,800*				95
100	66.3	368.0	11,400*	68.9	371.2	11,600*				100
105	64.8	365.7	11,200*	67.4	369.1	11,400*				105
110	63.3	363.1	11,100*	65.9	366.9	11,300*				110
115	61.7	360.5	10,900*	64.4	364.5	11,100*				115
120	60.2	357.6	10,700*	62.9	362.0	11,000*	67.3	367.0	11,000*	120
125	58.6	354.6	10,600*	61.4	359.2	10,800*	65.9	364.7	10,900*	125
130	57.0	351.3	10,400*	59.8	356.4	10,700*	64.4	362.4	10,800*	130
135	55.3	347.9	10,300*	58.2	353.3	10,500*	62.8	359.8	10,600*	135
140	53.6	344.2	10,100*	56.6	350.0	10,400*	61.3	357.1	10,500*	140
145	51.9	340.3	10,000*	54.9	346.5	10,300*	59.7	354.1	10,400*	145
150	50.1	336.2	9,800*	53.2	342.8	10,100*	58.1	351.0	10,300*	150
155	48.3	331.7	9,500*	51.5	338.8	10,000*	56.5	347.7	10,200*	155
160	46.5	327.0	9,200*	49.7	334.6	9,900*	54.8	344.2	10,100*	160
165	44.5	322.0	8,900*	47.9	330.1	9,600*	53.1	340.5	10,000*	165
170	42.5	316.6	8,500*	46.0	325.3	9,300*	51.4	336.5	9,700	170
175	40.5	310.8	8,200*	44.1	320.2	9,000*	49.6	332.3	9,200	175
180	38.3	304.5	7,900*	42.1	314.7	8,800*	47.8	327.8	8,700	180
185	36.0	297.8	7,600*	40.0	308.9	8,600*	45.9	323.0	8,300	185
190	33.6	290.4	7,300*	37.8	302.5	8,300*	44.0	317.9	7,900	190
195	31.0	282.2	6,900*	35.5	295.6	8,100*	42.0	312.4	7,500	195
200	28.2	273.2	6,700*	33.0	288.0	7,900*	39.8	306.5	7,200	200
205	25.0	262.9	6,400*	30.4	279.7	7,700*	37.6	300.1	6,800	205
210	21.5	250.8	6,200*	27.5	270.4	7,600*	35.3	293.1	6,500	210
215	17.3	236.1	5,900*	24.3	259.8	7,400*	32.8	285.5	6,200	215
220	11.5	215.5	5,700*	20.6	247.2	7,100*	30.2	277.1	5,900	220
225				16.2	231.6	6,900*	27.3	267.8	5,600	225
230				9.8	208.6	6,400*	24.1	257.0	5,300	230
235							20.4	244.4	5,000	235
240							15.9	228.4	4,700	240
245							9.2	204.6	4,500	245



Liftcrane Fixed Jib Capacities

Fixed Jib No. 138A At
3 Degree Offset Angle On
Luffing Jib No. 155 On
Boom No. 84
98,500 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



555 SERIES 2

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 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	
70	75.7	389.3	11,800*							70
75	74.3	387.9	11,600*							75
80	73.0	386.4	11,500*							80
85	71.6	384.7	11,300*							85
90	70.2	383.0	11,100*	72.7	385.5	11,200*				90
95	68.8	381.0	11,000*	71.3	383.8	11,100*				95
100	67.4	378.9	10,800*	69.9	381.9	10,900*				100
105	66.0	376.7	10,600*	68.5	380.0	10,800*				105
110	64.6	374.3	10,500*	67.1	377.9	10,600*				110
115	63.1	371.8	10,300*	65.7	375.6	10,500*				115
120	61.7	369.1	10,200*	64.2	373.2	10,300*				120
125	60.2	366.3	10,000*	62.8	370.6	10,200*	67.0	375.7	10,200*	125
130	58.6	363.2	9,900*	61.3	367.9	10,100*	65.6	373.5	10,100*	130
135	57.1	360.0	9,800*	59.8	365.0	10,000*	64.2	371.0	10,000*	135
140	55.5	356.6	9,600*	58.3	361.9	9,800*	62.7	368.5	9,900*	140
145	53.9	353.0	9,500*	56.7	358.7	9,700*	61.2	365.7	9,800*	145
150	52.3	349.1	9,400*	55.2	355.2	9,600*	59.7	362.8	9,700*	150
155	50.6	345.0	9,200*	53.6	351.5	9,500*	58.2	359.7	9,600*	155
160	48.9	340.7	8,900*	51.9	347.6	9,400*	56.7	356.4	9,500*	160
165	47.1	336.1	8,600*	50.2	343.5	9,300*	55.1	353.0	9,500*	165
170	45.3	331.2	8,300*	48.5	339.1	9,100*	53.5	349.3	9,300	170
175	43.4	326.0	8,000*	46.7	334.4	8,900*	51.8	345.4	8,800	175
180	41.5	320.4	7,700*	44.9	329.5	8,600*	50.1	341.2	8,400	180
185	39.5	314.4	7,400*	43.0	324.1	8,400*	48.4	336.8	8,000	185
190	37.3	307.9	7,100*	41.0	318.5	8,200*	46.6	332.1	7,600	190
195	35.1	300.9	6,800*	39.0	312.4	8,000*	44.8	327.1	7,200	195
200	32.8	293.3	6,600*	36.9	305.8	7,800*	42.9	321.8	6,800	200
205	30.2	284.9	6,300*	34.6	298.7	7,600*	40.9	316.1	6,500	205
210	27.5	275.6	6,100*	32.2	290.9	7,500*	38.9	310.0	6,100	210
215	24.5	265.0	5,800*	29.6	282.3	7,300*	36.7	303.4	5,800	215
220	21.0	252.7	5,600*	26.8	272.7	7,000	34.5	296.2	5,500	220
225	16.9	237.5	5,400*	23.7	261.8	6,700	32.1	288.4	5,200	225
230	11.2	216.5	5,200*	20.1	249.0	6,400	29.5	279.7	5,000	230
235				15.8	232.9	6,100	26.6	270.1	4,700	235
240				9.5	209.3	5,400*	23.5	259.1	4,400	240
245							19.9	246.1	4,200	245