

Liftcrane Fixed Jib Capacities

New York City Code
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 New York City criteria of 1.4 factor applied to total machine moment. 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.

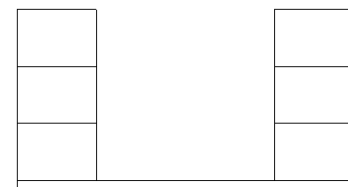
FIXED JIB POINT ELEVATION: Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point shaft.

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.

¹WARNING: 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. 8531-A** for luffing jib capacities.



98,500 Lb. Crane Counterweight
6 Side Boxes

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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	20,900	95
100	59.2	272.0	20,600*	61.6	275.1	21,800*	65.5	279.0	19,300	100
105	57.2	268.8	19,900*	59.7	272.3	20,500	63.7	276.5	17,900	105
110	55.2	265.4	19,100*	57.7	269.2	19,100	61.8	273.9	16,600	110
115	53.1	261.7	18,500*	55.7	265.8	17,800	59.8	271.0	15,400	115
120	51.0	257.7	17,900*	53.6	262.2	16,600	57.9	268.0	14,300	120
125	48.8	253.4	16,900	51.5	258.3	15,500	55.9	264.6	13,300	125
130	46.5	248.7	15,800	49.3	254.1	14,500	53.8	261.0	12,400	130
135	44.1	243.7	14,900	47.1	249.5	13,600	51.7	257.1	11,600	135
140	41.6	238.2	14,000	44.7	244.6	12,800	49.5	253.0	10,800	140
145	39.0	232.2	13,100	42.2	239.2	12,000	47.2	248.4	10,100	145
150	36.2	225.6	12,300	39.7	233.3	11,200	44.9	243.5	9,400	150
155	33.2	218.2	11,600	36.9	226.9	10,600	42.4	238.2	8,800	155
160	30.0	209.9	10,900	34.0	219.7	9,900	39.8	232.3	8,200	160
165	26.3	200.3	10,300	30.8	211.6	9,300	37.1	225.9	7,700	165
170	22.2	188.9	9,700	27.3	202.4	8,700	34.2	218.8	7,100	170
175	17.0	174.4	9,100	23.3	191.6	8,200	31.0	210.8	6,700	175
180	9.4	152.1	7,900*	18.5	178.1	7,700	27.6	201.7	6,200	180
185				11.8	158.8	7,200	23.6	191.0	5,800	185
190							18.9	177.7	5,300	190
195							12.4	159.2	4,900	195

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Luffing Jib No. 155 On
Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
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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	19,100	100
105	59.2	280.6	19,500*	61.5	283.8	20,300	65.2	287.7	17,600	105
110	57.4	277.5	18,800*	59.7	280.9	18,900	63.5	285.2	16,300	110
115	55.5	274.1	18,200*	57.9	277.9	17,600	61.7	282.6	15,200	115
120	53.5	270.4	17,600*	56.0	274.5	16,400	59.8	279.7	14,100	120
125	51.5	266.5	16,700	54.0	271.0	15,300	58.0	276.6	13,100	125
130	49.4	262.3	15,600	52.0	267.1	14,300	56.1	273.3	12,200	130
135	47.3	257.8	14,700	50.0	263.0	13,400	54.2	269.8	11,400	135
140	45.1	252.9	13,800	47.8	258.5	12,600	52.2	266.0	10,600	140
145	42.8	247.6	12,900	45.7	253.7	11,800	50.1	261.9	9,900	145
150	40.4	241.9	12,200	43.4	248.6	11,100	48.0	257.4	9,200	150
155	37.8	235.6	11,400	41.0	242.9	10,400	45.8	252.7	8,600	155
160	35.1	228.7	10,700	38.5	236.8	9,700	43.5	247.5	8,000	160
165	32.2	221.1	10,100	35.8	230.1	9,100	41.2	241.9	7,500	165
170	29.1	212.4	9,500	33.0	222.6	8,600	38.7	235.8	7,000	170
175	25.6	202.6	8,900	29.9	214.3	8,000	36.0	229.2	6,500	175
180	21.5	190.8	8,400	26.5	204.8	7,500	33.2	221.8	6,000	180
185	16.5	175.8	7,900	22.6	193.6	7,000	30.1	213.5	5,600	185
190	9.1	152.9	6,800*	17.9	179.6	6,600	26.8	204.1	5,200	190
195				11.4	159.8	6,100	22.9	193.0	4,800	195
200							18.3	179.3	4,400	200
205							12.1	160.2	4,000	205

Liftcrane Fixed Jib Capacities

New York City Code
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	17,200	105
110	59.3	289.3	18,400*	61.5	292.5	18,500	65.0	296.4	15,900	110
115	57.5	286.1	17,800*	59.7	289.6	17,200	63.3	293.9	14,700	115
120	55.7	282.8	17,300*	58.0	286.5	16,000	61.6	291.2	13,600	120
125	53.9	279.2	16,300	56.2	283.2	14,900	59.9	288.4	12,700	125
130	52.0	275.3	15,200	54.3	279.7	13,900	58.1	285.3	11,800	130
135	50.0	271.2	14,300	52.5	275.9	13,000	56.3	282.0	10,900	135
140	48.0	266.8	13,400	50.5	271.9	12,200	54.5	278.5	10,200	140
145	46.0	262.0	12,500	48.5	267.5	11,400	52.6	274.7	9,400	145
150	43.8	256.9	11,800	46.5	262.9	10,600	50.7	270.7	8,800	150
155	41.6	251.4	11,000	44.4	257.8	10,000	48.7	266.4	8,200	155
160	39.2	245.4	10,400	42.2	252.4	9,300	46.6	261.8	7,600	160
165	36.8	238.9	9,700	39.8	246.6	8,700	44.5	256.8	7,000	165
170	34.2	231.8	9,100	37.4	240.2	8,200	42.3	251.4	6,500	170
175	31.3	223.9	8,600	34.8	233.2	7,600	40.0	245.6	6,000	175
180	28.3	214.9	8,000	32.1	225.5	7,100	37.6	239.2	5,600	180
185	24.9	204.7	7,500	29.1	216.9	6,600	35.0	232.3	5,200	185
190	20.9	192.6	7,000	25.8	207.0	6,200	32.3	224.7	4,700	190
195	16.1	177.2	6,600	22.0	195.5	5,800	29.3	216.1	4,400	195
200	8.8	153.6	5,600*	17.4	181.1	5,300	26.0	206.4	4,000	200
205				11.1	160.7	4,900				205



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Luffing Jib No. 155 On
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98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
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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	19,500	100
105	59.7	280.5	16,900*	62.0	283.8	17,900*	65.7	287.6	18,100	105
110	57.8	277.4	16,300*	60.1	280.9	17,200*	63.9	285.2	16,800	110
115	55.9	274.0	15,700*	58.3	277.8	16,600*	62.1	282.5	15,600	115
120	53.9	270.4	15,200*	56.4	274.5	16,000*	60.3	279.6	14,500	120
125	51.9	266.5	14,700*	54.4	270.9	15,400*	58.4	276.6	13,500	125
130	49.8	262.3	14,200*	52.4	267.0	14,800	56.5	273.3	12,600	130
135	47.7	257.7	13,800*	50.4	262.9	13,900	54.6	269.7	11,800	135
140	45.5	252.8	13,400*	48.2	258.5	13,000	52.6	265.9	11,000	140
145	43.2	247.6	13,000*	46.0	253.7	12,200	50.5	261.8	10,300	145
150	40.8	241.8	12,600*	43.8	248.5	11,500	48.4	257.4	9,600	150
155	38.2	235.5	11,900	41.4	242.9	10,800	46.2	252.6	9,000	155
160	35.5	228.6	11,200	38.9	236.7	10,100	43.9	247.4	8,400	160
165	32.6	221.0	10,500	36.2	230.0	9,500	41.6	241.9	7,900	165
170	29.5	212.3	9,900	33.4	222.6	9,000	39.1	235.8	7,300	170
175	26.0	202.4	9,400	30.3	214.2	8,400	36.4	229.1	6,900	175
180	21.9	190.6	8,800	26.9	204.7	7,900	33.6	221.7	6,400	180
185	16.9	175.6	8,300	23.0	193.4	7,400	30.5	213.4	6,000	185
190	9.4	152.5	7,200*	18.3	179.5	7,000	27.1	204.0	5,500	190
195				11.8	159.6	6,500	23.3	192.9	5,100	195
200							18.7	179.2	4,800	200
205							12.4	160.0	4,400	205

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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	17,800	105
110	59.7	289.2	16,000*	61.8	292.4	16,800*	65.3	296.3	16,500	110
115	57.9	286.1	15,400*	60.1	289.5	16,200*	63.7	293.8	15,400	115
120	56.1	282.7	14,900*	58.4	286.5	15,700*	62.0	291.2	14,300	120
125	54.2	279.1	14,400*	56.6	283.2	15,100*	60.2	288.3	13,300	125
130	52.4	275.3	14,000*	54.7	279.6	14,600	58.5	285.2	12,400	130
135	50.4	271.1	13,600*	52.8	275.8	13,600	56.7	282.0	11,600	135
140	48.4	266.7	13,200*	50.9	271.8	12,800	54.9	278.4	10,800	140
145	46.3	262.0	12,800*	48.9	267.4	12,000	53.0	274.7	10,100	145
150	44.2	256.9	12,400	46.9	262.8	11,300	51.0	270.6	9,400	150
155	42.0	251.4	11,700	44.7	257.8	10,600	49.1	266.3	8,800	155
160	39.6	245.4	11,000	42.5	252.4	9,900	47.0	261.7	8,200	160
165	37.2	238.9	10,300	40.2	246.5	9,300	44.9	256.7	7,700	165
170	34.5	231.7	9,700	37.8	240.1	8,800	42.7	251.3	7,100	170
175	31.7	223.8	9,200	35.2	233.1	8,200	40.4	245.5	6,700	175
180	28.6	214.9	8,600	32.5	225.4	7,700	38.0	239.2	6,200	180
185	25.2	204.6	8,100	29.5	216.8	7,200	35.4	232.2	5,800	185
190	21.3	192.5	7,600	26.1	206.9	6,800	32.7	224.6	5,400	190
195	16.4	177.0	7,200	22.4	195.3	6,400	29.7	216.0	5,000	195
200	9.1	153.2	6,200*	17.8	181.0	5,900	26.4	206.2	4,600	200
205				11.4	160.5	5,500	22.6	194.8	4,200	205

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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	16,100	110
115	59.7	297.9	15,100*	61.8	301.1	15,900*	65.1	305.0	14,900	115
120	58.0	294.7	14,600*	60.1	298.2	15,300*	63.5	302.5	13,800	120
125	56.3	291.4	14,200*	58.4	295.1	14,800*	61.9	299.8	12,800	125
130	54.5	287.9	13,700*	56.7	291.9	14,200	60.2	297.0	11,900	130
135	52.8	284.1	13,300*	55.0	288.4	13,200	58.6	293.9	11,100	135
140	50.9	280.0	13,000*	53.2	284.6	12,400	56.9	290.6	10,300	140
145	49.0	275.7	12,600*	51.4	280.6	11,600	55.1	287.2	9,600	145
150	47.1	271.1	12,000	49.5	276.4	10,900	53.3	283.5	9,000	150
155	45.1	266.1	11,300	47.6	271.8	10,200	51.5	279.5	8,300	155
160	43.0	260.8	10,600	45.6	267.0	9,500	49.7	275.2	7,800	160
165	40.8	255.0	10,000	43.5	261.7	8,900	47.7	270.7	7,200	165
170	38.6	248.8	9,400	41.4	256.1	8,400	45.7	265.9	6,700	170
175	36.2	242.1	8,800	39.1	250.0	7,800	43.7	260.7	6,200	175
180	33.6	234.7	8,300	36.8	243.4	7,300	41.5	255.1	5,800	180
185	30.9	226.5	7,800	34.3	236.2	6,900	39.3	249.0	5,300	185
190	27.9	217.3	7,300	31.6	228.2	6,400	37.0	242.5	4,900	190
195	24.6	206.7	6,800	28.7	219.3	6,000	34.5	235.3	4,600	195
200	20.7	194.2	6,400	25.5	209.1	5,600	31.8	227.4	4,200	200
205	16.0	178.4	6,000	21.8	197.2	5,200				205
210	8.9	153.9	5,000*	17.3	182.4	4,800				210
215				11.1	161.4	4,400				215

Liftcrane Fixed Jib Capacities

New York City Code
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	15,700	115
120	56.2	282.7	13,400*	58.5	286.5	14,100*	62.1	291.2	14,600	120
125	54.3	279.1	13,000*	56.7	283.2	13,600*	60.3	288.3	13,600	125
130	52.5	275.3	12,500*	54.8	279.6	13,200*	58.6	285.2	12,700	130
135	50.5	271.2	12,100*	52.9	275.9	12,700*	56.8	282.0	11,900	135
140	48.5	266.7	11,800*	51.0	271.8	12,300*	55.0	278.5	11,100	140
145	46.4	262.0	11,400*	49.0	267.5	11,900*	53.1	274.7	10,400	145
150	44.3	256.9	11,100*	47.0	262.8	11,600*	51.2	270.7	9,700	150
155	42.0	251.4	10,800*	44.8	257.8	11,000	49.2	266.3	9,100	155
160	39.7	245.4	10,500*	42.6	252.4	10,300	47.1	261.7	8,500	160
165	37.2	238.9	10,200*	40.3	246.5	9,700	45.0	256.7	8,000	165
170	34.6	231.7	9,900*	37.9	240.1	9,100	42.8	251.3	7,500	170
175	31.8	223.8	9,600	35.3	233.1	8,600	40.5	245.5	7,000	175
180	28.7	214.9	9,000	32.5	225.4	8,100	38.1	239.2	6,600	180
185	25.3	204.6	8,500	29.5	216.8	7,600	35.5	232.2	6,100	185
190	21.4	192.5	8,000	26.2	206.9	7,200	32.8	224.6	5,700	190
195	16.5	177.1	7,600	22.5	195.4	6,700	29.8	216.0	5,300	195
200	9.2	153.3	6,500*	17.9	181.0	6,300	26.5	206.3	4,900	200
205				11.6	160.5	5,900	22.7	194.9	4,600	205
210							18.3	180.7	4,200	210



Liftcrane Fixed Jib Capacities

New York City Code

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	14,400	120
125	56.4	291.4	12,700*	58.5	295.1	13,400*	62.0	299.8	13,400	125
130	54.6	287.9	12,300*	56.8	291.9	12,900*	60.3	297.0	12,500	130
135	52.8	284.1	11,900*	55.1	288.4	12,500*	58.7	293.9	11,700	135
140	51.0	280.0	11,600*	53.3	284.6	12,100*	57.0	290.7	10,900	140
145	49.1	275.7	11,200*	51.5	280.6	11,700*	55.2	287.2	10,200	145
150	47.2	271.1	10,900*	49.6	276.4	11,400*	53.4	283.5	9,500	150
155	45.2	266.1	10,600*	47.7	271.8	10,700	51.6	279.5	8,900	155
160	43.1	260.8	10,300*	45.7	267.0	10,100	49.7	275.3	8,300	160
165	40.9	255.1	10,000*	43.6	261.7	9,500	47.8	270.7	7,800	165
170	38.7	248.8	9,800*	41.5	256.1	8,900	45.8	265.9	7,300	170
175	36.2	242.1	9,400	39.2	250.0	8,400	43.8	260.7	6,800	175
180	33.7	234.7	8,800	36.9	243.4	7,900	41.6	255.1	6,300	180
185	31.0	226.5	8,300	34.4	236.2	7,400	39.4	249.1	5,900	185
190	28.0	217.3	7,800	31.7	228.2	7,000	37.0	242.5	5,500	190
195	24.7	206.8	7,400	28.8	219.3	6,500	34.6	235.3	5,100	195
200	20.8	194.2	6,900	25.5	209.1	6,100	31.9	227.4	4,700	200
205	16.1	178.4	6,500	21.9	197.2	5,700	29.0	218.6	4,400	205
210	9.0	154.0	5,500*	17.4	182.4	5,300	25.8	208.5	4,100	210
215				11.2	161.4	5,000				215

Liftcrane Fixed Jib Capacities

New York City Code
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	12,900	125
130	56.6	300.1	12,100*	58.6	303.8	12,700*	61.9	308.5	12,000	130
135	54.9	296.6	11,700*	57.0	300.5	12,300*	60.3	305.6	11,200	135
140	53.2	292.9	11,400*	55.3	297.1	11,900*	58.7	302.6	10,500	140
145	51.5	288.9	11,000*	53.6	293.4	11,500*	57.1	299.4	9,700	145
150	49.7	284.6	10,700*	51.9	289.5	11,000	55.5	295.9	9,100	150
155	47.9	280.1	10,400*	50.1	285.3	10,300	53.8	292.2	8,500	155
160	46.0	275.3	10,200*	48.3	280.8	9,700	52.0	288.3	7,900	160
165	44.0	270.1	9,900*	46.5	276.1	9,100	50.3	284.2	7,300	165
170	42.0	264.6	9,500	44.5	271.0	8,500	48.5	279.7	6,800	170
175	39.9	258.6	9,000	42.5	265.6	8,000	46.6	275.0	6,400	175
180	37.7	252.2	8,500	40.4	259.7	7,500	44.7	270.0	5,900	180
185	35.3	245.2	7,900	38.2	253.4	7,000	42.7	264.6	5,500	185
190	32.8	237.6	7,500	35.9	246.6	6,600	40.6	258.7	5,100	190
195	30.2	229.1	7,000	33.5	239.2	6,100	38.4	252.5	4,700	195
200	27.3	219.7	6,600	30.9	230.9	5,700	36.1	245.7	4,300	200
205	24.0	208.8	6,200	28.0	221.7	5,300	33.7	238.3	4,000	205
210	20.3	196.0	5,800	24.9	211.3	5,000				210
215	15.7	179.7	5,400	21.3	199.1	4,600				215
220	8.7	154.7	4,500*	17.0	183.9	4,300				220



Liftcrane Fixed Jib Capacities

New York City Code
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	11,200	140
145	48.9	275.7	10,300*	51.3	280.7	10,800*	55.0	287.2	10,500	145
150	47.0	271.1	10,000*	49.4	276.5	10,400*	53.2	283.5	9,800	150
155	45.0	266.2	9,700*	47.5	271.9	10,100*	51.4	279.5	9,200	155
160	42.9	260.9	9,400*	45.5	267.0	9,800*	49.6	275.3	8,600	160
165	40.7	255.1	9,100*	43.4	261.8	9,500*	47.6	270.8	8,100	165
170	38.5	248.9	8,900*	41.3	256.2	9,200*	45.7	266.0	7,600	170
175	36.1	242.2	8,600*	39.0	250.1	8,700	43.6	260.7	7,100	175
180	33.5	234.8	8,400*	36.7	243.5	8,200	41.5	255.2	6,600	180
185	30.8	226.6	8,200*	34.2	236.3	7,700	39.2	249.1	6,200	185
190	27.8	217.4	8,000*	31.5	228.3	7,300	36.9	242.6	5,800	190
195	24.5	206.9	7,700	28.6	219.4	6,900	34.4	235.4	5,400	195
200	20.6	194.4	7,300	25.4	209.2	6,500	31.7	227.5	5,100	200
205	15.9	178.6	6,900	21.7	197.4	6,100	28.8	218.6	4,700	205
210	8.9	154.3	5,800*	17.2	182.6	5,700	25.6	208.6	4,400	210
215				11.1	161.7	5,300	22.0	196.9	4,000	215

Liftcrane Fixed Jib Capacities

New York City Code

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	10,900	140
145	51.3	288.9	10,100*	53.5	293.4	10,600*	56.9	299.4	10,200	145
150	49.5	284.7	9,800*	51.7	289.5	10,200*	55.3	296.0	9,600	150
155	47.7	280.2	9,500*	50.0	285.4	9,900*	53.6	292.3	9,000	155
160	45.8	275.3	9,200*	48.2	280.9	9,600*	51.9	288.4	8,400	160
165	43.8	270.2	9,000*	46.3	276.2	9,300*	50.1	284.2	7,800	165
170	41.8	264.6	8,700*	44.3	271.1	9,000	48.3	279.8	7,300	170
175	39.7	258.7	8,500*	42.3	265.7	8,500	46.4	275.1	6,900	175
180	37.5	252.3	8,300*	40.2	259.8	8,000	44.5	270.0	6,400	180
185	35.2	245.3	8,100*	38.1	253.5	7,500	42.5	264.6	6,000	185
190	32.7	237.7	7,900*	35.8	246.7	7,100	40.4	258.8	5,600	190
195	30.0	229.2	7,500	33.3	239.2	6,700	38.2	252.6	5,200	195
200	27.1	219.8	7,100	30.7	231.0	6,300	35.9	245.8	4,800	200
205	23.9	208.9	6,700	27.9	221.8	5,900	33.5	238.4	4,500	205
210	20.1	196.1	6,300	24.7	211.4	5,500	30.9	230.2	4,200	210
215	15.5	179.9	5,900	21.1	199.2	5,100				215
220	8.6	155.0	4,900*	16.8	184.0	4,800				220
225				10.8	162.6	4,500				225



Liftcrane Fixed Jib Capacities

New York City Code
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	10,500	140
145	53.4	301.7	9,900*	55.4	305.9	10,300*	58.6	311.3	9,800	145
150	51.7	297.7	9,600*	53.8	302.2	10,100*	57.1	308.1	9,100	150
155	50.0	293.6	9,400*	52.1	298.3	9,800*	55.5	304.7	8,500	155
160	48.3	289.1	9,100*	50.5	294.2	9,500*	53.9	301.0	7,900	160
165	46.5	284.5	8,800*	48.7	289.9	9,200*	52.2	297.2	7,400	165
170	44.7	279.4	8,600*	47.0	285.2	8,600	50.6	293.1	6,900	170
175	42.8	274.1	8,400*	45.1	280.3	8,100	48.9	288.7	6,400	175
180	40.8	268.4	8,200*	43.3	275.0	7,600	47.1	284.1	6,000	180
185	38.7	262.2	8,000*	41.3	269.4	7,100	45.3	279.2	5,600	185
190	36.6	255.6	7,600	39.3	263.4	6,700	43.4	274.0	5,200	190
195	34.3	248.4	7,200	37.2	256.9	6,300	41.5	268.4	4,800	195
200	31.9	240.5	6,700	34.9	249.8	5,900	39.4	262.4	4,400	200
205	29.3	231.8	6,300	32.5	242.1	5,500	37.3	255.9	4,100	205
210	26.5	222.1	5,900	30.0	233.7	5,100				210
215	23.3	211.0	5,600	27.2	224.2	4,800				215
220	19.6	197.8	5,200	24.1	213.5	4,400				220
225	15.1	181.2	4,800	20.6	200.9	4,100				225
230	8.4	155.7	4,500							230

Liftcrane Fixed Jib Capacities

New York City Code
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	21,600	66.8	300.2	18,200	100
105	57.5	289.2	19,800*	60.4	293.2	20,100	65.0	298.0	16,800	105
110	55.5	285.8	19,100*	58.4	290.2	18,700	63.1	295.5	15,600	110
115	53.4	282.2	18,500*	56.4	286.9	17,400	61.2	292.7	14,400	115
120	51.3	278.3	17,900*	54.4	283.4	16,200	59.2	289.8	13,400	120
125	49.1	274.0	16,800	52.3	279.6	15,200	57.3	286.7	12,500	125
130	46.8	269.4	15,700	50.1	275.5	14,200	55.2	283.2	11,600	130
135	44.4	264.4	14,800	47.9	271.1	13,300	53.2	279.6	10,800	135
140	42.0	259.0	13,900	45.5	266.3	12,400	51.0	275.6	10,000	140
145	39.3	253.0	13,000	43.1	261.0	11,700	48.8	271.3	9,400	145
150	36.6	246.5	12,300	40.6	255.4	10,900	46.5	266.7	8,700	150
155	33.6	239.2	11,500	37.9	249.1	10,300	44.1	261.6	8,100	155
160	30.4	231.1	10,900	35.0	242.2	9,600	41.7	256.1	7,600	160
165	26.9	221.7	10,200	32.0	234.5	9,000	39.0	250.1	7,000	165
170	22.8	210.6	9,600	28.6	225.7	8,500	36.2	243.5	6,500	170
175	17.8	196.7	9,000	24.8	215.5	7,900	33.3	236.2	6,100	175
180	10.8	176.2	8,500	20.3	203.1	7,400	30.0	227.9	5,600	180
185				14.5	186.6	6,900	26.4	218.3	5,200	185
190				1.5	148.2	6,400	22.3	207.0	4,800	190
195							17.1	192.6	4,400	195
200							9.6	170.6	4,000	200



Liftcrane Fixed Jib Capacities

New York City Code
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	19,900	66.4	309.0	16,600	105
110	57.6	297.9	18,800*	60.4	301.9	18,500	64.7	306.6	15,400	110
115	55.7	294.5	18,200*	58.5	298.9	17,200	62.9	304.1	14,200	115
120	53.8	291.0	17,600*	56.6	295.6	16,000	61.1	301.4	13,200	120
125	51.8	287.1	16,600	54.7	292.1	15,000	59.3	298.5	12,300	125
130	49.7	282.9	15,500	52.7	288.4	14,000	57.4	295.3	11,400	130
135	47.6	278.4	14,600	50.7	284.4	13,100	55.5	292.0	10,600	135
140	45.4	273.6	13,700	48.6	280.0	12,200	53.5	288.3	9,800	140
145	43.1	268.4	12,800	46.4	275.4	11,500	51.5	284.4	9,200	145
150	40.7	262.7	12,100	44.2	270.3	10,700	49.5	280.2	8,500	150
155	38.2	256.5	11,400	41.8	264.9	10,100	47.3	275.7	7,900	155
160	35.5	249.7	10,700	39.4	258.9	9,400	45.1	270.8	7,400	160
165	32.7	242.2	10,000	36.8	252.4	8,800	42.8	265.5	6,800	165
170	29.5	233.7	9,400	34.0	245.3	8,300	40.4	259.8	6,300	170
175	26.1	224.0	8,900	31.0	237.2	7,800	37.9	253.6	5,900	175
180	22.1	212.6	8,300	27.7	228.2	7,300	35.2	246.7	5,400	180
185	17.3	198.2	7,800	24.0	217.6	6,800	32.3	239.1	5,000	185
190	10.4	177.1	7,300	19.7	204.8	6,300	29.1	230.5	4,600	190
195				14.1	187.8	5,900	25.6	220.6	4,200	195
200				1.4	148.3	5,400				200

Liftcrane Fixed Jib Capacities

New York City Code
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	16,100	105
110	59.5	309.7	17,500*	62.1	313.4	17,600*	66.1	317.7	14,900	110
115	57.8	306.6	17,300*	60.3	310.5	16,800	64.4	315.3	13,700	115
120	56.0	303.2	16,800*	58.6	307.5	15,600	62.8	312.8	12,700	120
125	54.1	299.7	16,200*	56.8	304.3	14,500	61.1	310.1	11,800	125
130	52.2	295.9	15,100	55.0	300.9	13,600	59.3	307.1	10,900	130
135	50.3	291.8	14,200	53.1	297.2	12,700	57.6	304.0	10,100	135
140	48.3	287.4	13,300	51.2	293.2	11,800	55.7	300.7	9,400	140
145	46.2	282.7	12,500	49.2	289.0	11,000	53.9	297.1	8,700	145
150	44.1	277.7	11,700	47.2	284.4	10,300	52.0	293.2	8,100	150
155	41.9	272.2	11,000	45.1	279.5	9,700	50.1	289.1	7,500	155
160	39.6	266.3	10,300	42.9	274.3	9,000	48.1	284.7	6,900	160
165	37.1	259.9	9,700	40.7	268.6	8,400	46.0	280.0	6,400	165
170	34.5	252.8	9,100	38.3	262.4	7,900	43.9	274.9	5,900	170
175	31.7	245.0	8,500	35.7	255.7	7,400	41.6	269.4	5,400	175
180	28.7	236.2	8,000	33.1	248.2	6,900	39.3	263.4	5,000	180
185	25.4	226.2	7,500	30.2	239.9	6,400	36.8	256.9	4,600	185
190	21.5	214.4	7,000	27.0	230.6	5,900	34.2	249.8	4,200	190
195	16.8	199.6	6,500	23.4	219.7	5,500				195
200	10.2	178.0	6,100	19.1	206.5	5,100				200
205				13.7	188.9	4,700				205
210				1.4	148.4	4,300				210



Liftcrane Fixed Jib Capacities

New York City Code
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	17,000	105
110	58.0	297.8	16,300*	60.8	301.8	17,400*	65.1	306.6	15,800	110
115	56.1	294.5	15,700*	58.9	298.8	16,700*	63.3	304.1	14,600	115
120	54.2	290.9	15,200*	57.0	295.6	16,100*	61.5	301.4	13,600	120
125	52.2	287.0	14,700*	55.1	292.1	15,400	59.7	298.4	12,600	125
130	50.1	282.9	14,300*	53.1	288.3	14,400	57.8	295.3	11,800	130
135	48.0	278.4	13,800*	51.1	284.3	13,500	55.9	291.9	11,000	135
140	45.8	273.5	13,400*	49.0	280.0	12,700	54.0	288.3	10,200	140
145	43.5	268.3	13,000*	46.8	275.3	11,900	52.0	284.4	9,500	145
150	41.1	262.6	12,500	44.6	270.3	11,200	49.9	280.2	8,900	150
155	38.6	256.4	11,800	42.2	264.8	10,500	47.7	275.6	8,300	155
160	35.9	249.6	11,100	39.8	258.9	9,800	45.5	270.8	7,700	160
165	33.0	242.1	10,500	37.2	252.4	9,300	43.2	265.5	7,200	165
170	29.9	233.6	9,900	34.4	245.2	8,700	40.8	259.7	6,700	170
175	26.5	223.9	9,300	31.4	237.2	8,200	38.3	253.5	6,300	175
180	22.5	212.4	8,800	28.1	228.1	7,700	35.6	246.6	5,800	180
185	17.7	198.0	8,200	24.4	217.5	7,200	32.7	239.0	5,400	185
190	10.8	176.9	7,700	20.1	204.7	6,700	29.5	230.4	5,000	190
195				14.4	187.6	6,300	26.0	220.5	4,600	195
200							22.0	208.7	4,200	200

Liftcrane Fixed Jib Capacities

New York City Code
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	15,500	110
115	58.2	306.5	15,400*	60.7	310.5	16,400*	64.8	315.3	14,400	115
120	56.3	303.2	14,900*	59.0	307.5	15,800*	63.2	312.7	13,400	120
125	54.5	299.6	14,500*	57.2	304.3	15,200	61.5	310.0	12,400	125
130	52.6	295.8	14,000*	55.4	300.8	14,200	59.7	307.1	11,600	130
135	50.7	291.7	13,600*	53.5	297.1	13,300	57.9	304.0	10,800	135
140	48.7	287.4	13,200*	51.6	293.2	12,400	56.1	300.6	10,000	140
145	46.6	282.6	12,800*	49.6	288.9	11,700	54.3	297.0	9,300	145
150	44.5	277.6	12,300	47.6	284.4	10,900	52.4	293.2	8,700	150
155	42.3	272.1	11,600	45.5	279.5	10,300	50.5	289.1	8,100	155
160	40.0	266.2	10,900	43.3	274.2	9,600	48.5	284.6	7,500	160
165	37.5	259.8	10,300	41.0	268.5	9,000	46.4	279.9	7,000	165
170	34.9	252.7	9,700	38.7	262.3	8,500	44.2	274.8	6,500	170
175	32.1	244.9	9,100	36.1	255.6	8,000	42.0	269.3	6,100	175
180	29.1	236.1	8,600	33.4	248.1	7,500	39.7	263.3	5,600	180
185	25.7	226.1	8,100	30.5	239.8	7,000	37.2	256.8	5,200	185
190	21.9	214.3	7,600	27.3	230.4	6,500	34.6	249.7	4,800	190
195	17.2	199.5	7,100	23.7	219.6	6,100	31.8	241.8	4,400	195
200	10.5	177.7	6,700	19.5	206.3	5,700	28.7	232.9	4,100	200
205				14.0	188.7	5,300				205

Liftcrane Fixed Jib Capacities

New York City Code
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	15,100	110
115	59.9	318.3	15,100*	62.3	322.0	15,600*	66.2	326.3	13,900	115
120	58.2	315.2	14,600*	60.7	319.1	15,500*	64.6	324.0	12,900	120
125	56.5	311.9	14,200*	59.0	316.1	14,800	63.0	321.4	12,000	125
130	54.8	308.4	13,700*	57.3	312.9	13,800	61.4	318.7	11,100	130
135	53.0	304.6	13,300*	55.6	309.5	12,900	59.7	315.8	10,300	135
140	51.2	300.6	13,000*	53.8	305.9	12,000	58.0	312.6	9,600	140
145	49.3	296.3	12,600*	52.0	302.0	11,300	56.3	309.3	8,900	145
150	47.4	291.7	11,900	50.2	297.8	10,500	54.6	305.7	8,200	150
155	45.4	286.8	11,200	48.3	293.4	9,900	52.8	302.0	7,600	155
160	43.3	281.5	10,500	46.3	288.6	9,200	51.0	297.9	7,100	160
165	41.1	275.9	9,900	44.3	283.5	8,600	49.1	293.6	6,600	165
170	38.9	269.7	9,300	42.2	278.0	8,100	47.1	289.0	6,100	170
175	36.5	263.0	8,700	39.9	272.1	7,600	45.1	284.0	5,600	175
180	34.0	255.7	8,200	37.6	265.7	7,100	43.0	278.7	5,200	180
185	31.3	247.7	7,700	35.2	258.7	6,600	40.9	273.0	4,800	185
190	28.3	238.6	7,200	32.5	251.0	6,200	38.6	266.8	4,400	190
195	25.0	228.3	6,800	29.7	242.4	5,700	36.2	260.0	4,000	195
200	21.3	216.1	6,300	26.6	232.8	5,300				200
205	16.7	200.9	5,900	23.1	221.5	4,900				205
210	10.2	178.5	5,500	19.0	207.9	4,600				210
215				13.6	189.9	4,200				215

Liftcrane Fixed Jib Capacities

New York City Code
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	14,700	115
120	56.5	303.2	13,500*	59.1	307.5	14,300*	63.3	312.7	13,700	120
125	54.6	299.6	13,000*	57.3	304.3	13,800*	61.5	310.0	12,700	125
130	52.7	295.8	12,600*	55.5	300.8	13,300*	59.8	307.1	11,900	130
135	50.8	291.7	12,200*	53.6	297.1	12,900*	58.0	304.0	11,100	135
140	48.8	287.4	11,800*	51.7	293.2	12,400*	56.2	300.6	10,300	140
145	46.7	282.7	11,400*	49.7	288.9	12,000	54.4	297.0	9,700	145
150	44.6	277.6	11,100*	47.7	284.4	11,300	52.5	293.2	9,000	150
155	42.4	272.1	10,800*	45.6	279.5	10,600	50.5	289.1	8,400	155
160	40.0	266.2	10,500*	43.4	274.2	10,000	48.5	284.6	7,900	160
165	37.6	259.8	10,200*	41.1	268.5	9,400	46.5	279.9	7,300	165
170	35.0	252.7	10,000*	38.7	262.4	8,900	44.3	274.8	6,900	170
175	32.2	244.9	9,500	36.2	255.6	8,300	42.1	269.3	6,400	175
180	29.2	236.2	9,000	33.5	248.1	7,800	39.8	263.3	6,000	180
185	25.8	226.1	8,500	30.6	239.9	7,400	37.3	256.8	5,500	185
190	22.0	214.3	8,000	27.4	230.5	6,900	34.7	249.7	5,100	190
195	17.3	199.5	7,500	23.8	219.6	6,500	31.9	241.8	4,800	195
200	10.6	177.7	7,000	19.6	206.4	6,100	28.8	232.9	4,400	200
205				14.1	188.8	5,700	25.4	222.7	4,100	205



Liftcrane Fixed Jib Capacities

New York City Code
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	13,500	120
125	56.6	311.9	12,800*	59.1	316.2	13,500*	63.1	321.4	12,500	125
130	54.9	308.4	12,300*	57.4	313.0	13,100*	61.5	318.7	11,700	130
135	53.1	304.6	12,000*	55.7	309.5	12,600*	59.8	315.8	10,900	135
140	51.3	300.6	11,600*	53.9	305.9	12,200*	58.1	312.6	10,100	140
145	49.4	296.3	11,300*	52.1	302.0	11,800*	56.4	309.3	9,400	145
150	47.5	291.7	10,900*	50.3	297.8	11,100	54.7	305.8	8,800	150
155	45.5	286.8	10,600*	48.4	293.4	10,400	52.9	302.0	8,200	155
160	43.4	281.5	10,300*	46.4	288.6	9,800	51.0	297.9	7,600	160
165	41.2	275.9	10,100*	44.4	283.5	9,200	49.2	293.6	7,100	165
170	39.0	269.7	9,800*	42.2	278.0	8,600	47.2	289.0	6,600	170
175	36.6	263.0	9,300	40.0	272.1	8,100	45.2	284.0	6,200	175
180	34.1	255.7	8,800	37.7	265.7	7,600	43.1	278.7	5,700	180
185	31.4	247.7	8,300	35.3	258.7	7,200	41.0	273.0	5,300	185
190	28.4	238.6	7,800	32.6	251.0	6,700	38.7	266.8	4,900	190
195	25.1	228.3	7,300	29.8	242.5	6,300	36.3	260.0	4,600	195
200	21.4	216.1	6,900	26.7	232.8	5,900	33.8	252.7	4,200	200
205	16.8	200.9	6,500	23.2	221.6	5,500				205
210	10.3	178.6	6,000	19.1	208.0	5,100				210
215				13.7	189.9	4,800				215

Liftcrane Fixed Jib Capacities

New York City Code
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	13,000	120
125	58.4	323.9	12,500*	60.7	327.8	13,100*	64.5	332.6	12,000	125
130	56.8	320.6	12,100*	59.2	324.8	12,800*	63.0	330.1	11,200	130
135	55.1	317.1	11,700*	57.5	321.6	12,400*	61.4	327.3	10,400	135
140	53.5	313.4	11,400*	55.9	318.2	12,000*	59.8	324.4	9,700	140
145	51.7	309.4	11,100*	54.2	314.6	11,400	58.2	321.3	9,000	145
150	49.9	305.2	10,700*	52.5	310.8	10,700	56.6	318.0	8,300	150
155	48.1	300.7	10,500*	50.8	306.7	10,000	54.9	314.5	7,700	155
160	46.2	296.0	10,200*	49.0	302.4	9,400	53.2	310.7	7,200	160
165	44.3	290.9	9,900*	47.1	297.7	8,800	51.5	306.8	6,700	165
170	42.3	285.4	9,500	45.2	292.8	8,200	49.7	302.5	6,200	170
175	40.2	279.5	8,900	43.2	287.5	7,700	47.9	298.0	5,700	175
180	38.0	273.1	8,400	41.2	281.8	7,200	46.0	293.2	5,300	180
185	35.7	266.2	7,900	39.0	275.6	6,800	44.1	288.0	4,900	185
190	33.2	258.7	7,400	36.7	269.0	6,300	42.0	282.5	4,500	190
195	30.6	250.4	7,000	34.4	261.8	5,900	39.9	276.6	4,100	195
200	27.7	241.1	6,500	31.8	253.8	5,500				200
205	24.5	230.4	6,100	29.1	245.0	5,100				205
210	20.9	217.9	5,700	26.0	235.0	4,700				210
215	16.4	202.3	5,300	22.6	223.5	4,400				215
220	10.0	179.4	4,900	18.6	209.5	4,100				220



Liftcrane Fixed Jib Capacities

New York City Code
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	11,100	135
140	51.1	300.6	10,700*	53.7	305.9	11,100*	58.0	312.7	10,400	140
145	49.2	296.4	10,300*	51.9	302.0	10,900*	56.2	309.4	9,700	145
150	47.3	291.8	10,000*	50.1	297.9	10,500*	54.5	305.8	9,100	150
155	45.3	286.9	9,700*	48.2	293.4	10,200*	52.7	302.0	8,500	155
160	43.2	281.6	9,400*	46.2	288.7	9,900*	50.9	298.0	7,900	160
165	41.0	275.9	9,100*	44.2	283.6	9,500	49.0	293.7	7,400	165
170	38.8	269.8	8,900*	42.1	278.1	9,000	47.0	289.0	6,900	170
175	36.4	263.1	8,700*	39.8	272.2	8,400	45.0	284.1	6,500	175
180	33.9	255.8	8,400*	37.5	265.8	8,000	43.0	278.8	6,000	180
185	31.2	247.8	8,200*	35.1	258.8	7,500	40.8	273.1	5,600	185
190	28.2	238.7	8,000*	32.5	251.1	7,000	38.5	266.9	5,200	190
195	25.0	228.4	7,700	29.6	242.6	6,600	36.1	260.1	4,900	195
200	21.2	216.3	7,200	26.5	232.9	6,200	33.6	252.7	4,500	200
205	16.7	201.1	6,800	23.0	221.7	5,800	30.9	244.6	4,200	205
210	10.2	178.8	6,400*	18.9	208.1	5,500				210
215				13.6	190.1	5,100				215
220				1.6	148.4	4,700				220

Liftcrane Fixed Jib Capacities

New York City Code
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	10,900	135
140	53.3	313.4	10,500*	55.7	318.3	10,800*	59.7	324.5	10,100	140
145	51.5	309.5	10,100*	54.0	314.7	10,600*	58.0	321.4	9,500	145
150	49.8	305.3	9,800*	52.3	310.8	10,300*	56.4	318.1	8,800	150
155	47.9	300.8	9,500*	50.6	306.8	10,000*	54.8	314.5	8,200	155
160	46.1	296.0	9,300*	48.8	302.4	9,700*	53.1	310.8	7,700	160
165	44.1	290.9	9,000*	46.9	297.8	9,300	51.3	306.8	7,200	165
170	42.1	285.4	8,800*	45.0	292.8	8,700	49.5	302.6	6,700	170
175	40.0	279.5	8,500*	43.0	287.5	8,200	47.7	298.1	6,200	175
180	37.8	273.2	8,300*	41.0	281.8	7,700	45.8	293.3	5,800	180
185	35.5	266.3	8,100*	38.8	275.7	7,300	43.9	288.1	5,400	185
190	33.0	258.8	7,900*	36.6	269.1	6,800	41.9	282.6	5,000	190
195	30.4	250.4	7,500	34.2	261.8	6,400	39.7	276.6	4,600	195
200	27.5	241.1	7,000	31.6	253.9	6,000	37.5	270.2	4,300	200
205	24.4	230.5	6,600	28.9	245.1	5,600	35.2	263.3	4,000	205
210	20.7	218.1	6,200	25.9	235.1	5,300				210
215	16.2	202.4	5,900	22.5	223.6	4,900				215
220	9.9	179.6	5,500*	18.4	209.7	4,600				220
225				13.2	191.2	4,300				225



Liftcrane Fixed Jib Capacities

New York City Code
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	10,400	135
140	55.2	325.9	10,100*	57.5	330.4	10,300*	61.2	336.0	9,700	140
145	53.6	322.2	9,900*	55.9	327.0	10,200*	59.7	333.1	9,000	145
150	51.9	318.3	9,700*	54.3	323.4	10,000*	58.1	330.0	8,400	150
155	50.3	314.2	9,400*	52.7	319.6	9,800*	56.6	326.7	7,800	155
160	48.5	309.8	9,100*	51.0	315.6	9,500	55.0	323.3	7,200	160
165	46.8	305.1	8,900*	49.3	311.3	8,900	53.4	319.6	6,700	165
170	44.9	300.1	8,600*	47.6	306.8	8,300	51.7	315.6	6,200	170
175	43.0	294.8	8,400*	45.8	302.0	7,800	50.1	311.5	5,800	175
180	41.1	289.2	8,200*	43.9	296.8	7,300	48.3	307.1	5,400	180
185	39.0	283.1	8,000*	42.0	291.3	6,900	46.5	302.4	5,000	185
190	36.9	276.5	7,500	40.0	285.5	6,400	44.7	297.4	4,600	190
195	34.6	269.4	7,100	37.9	279.1	6,000	42.8	292.0	4,200	195
200	32.2	261.6	6,700	35.7	272.3	5,600				200
205	29.7	253.1	6,300	33.4	264.8	5,200				205
210	26.9	243.5	5,900	30.9	256.6	4,900				210
215	23.8	232.6	5,500	28.2	247.6	4,500				215
220	20.2	219.8	5,100	25.2	237.3	4,200				220
225	15.9	203.8	4,800							225
230	9.6	180.4	4,400							230

Liftcrane Fixed Jib Capacities

New York City Code
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	19,600	66.2	319.3	15,700	105
110	55.8	306.3	18,000*	59.1	311.2	18,200	64.4	316.9	14,500	110
115	53.7	302.7	17,200*	57.1	308.0	16,900	62.5	314.4	13,500	115
120	51.6	298.8	16,500*	55.1	304.6	15,800	60.6	311.6	12,500	120
125	49.4	294.6	15,800*	53.0	300.9	14,700	58.7	308.6	11,600	125
130	47.1	290.0	15,100*	50.9	296.9	13,800	56.7	305.4	10,700	130
135	44.8	285.1	14,400*	48.7	292.6	12,900	54.6	301.9	10,000	135
140	42.3	279.7	13,700*	46.3	287.9	12,100	52.5	298.1	9,200	140
145	39.7	273.9	12,900	44.0	282.9	11,300	50.3	294.0	8,600	145
150	37.0	267.4	12,200	41.5	277.3	10,600	48.1	289.6	8,000	150
155	34.1	260.3	11,400	38.8	271.3	9,900	45.8	284.9	7,400	155
160	30.9	252.3	10,800	36.0	264.6	9,300	43.4	279.7	6,900	160
165	27.4	243.1	10,100	33.0	257.2	8,700	40.9	274.1	6,400	165
170	23.4	232.3	9,500	29.8	248.8	8,200	38.2	267.9	5,900	170
175	18.6	218.9	8,900	26.1	239.2	7,600	35.4	261.0	5,400	175
180	12.0	199.9	8,400	21.9	227.7	7,100	32.3	253.4	5,000	180
185				16.7	213.0	6,700	29.0	244.8	4,600	185
190				8.8	189.9	6,200	25.2	234.8	4,200	190



Liftcrane Fixed Jib Capacities

New York City Code
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	15,500	105
110	57.9	318.3	17,100*	61.0	322.8	18,000	65.9	328.0	14,300	110
115	56.0	315.0	16,500*	59.2	319.9	16,700	64.2	325.6	13,200	115
120	54.1	311.5	15,800*	57.3	316.7	15,600	62.4	323.0	12,300	120
125	52.1	307.6	15,200*	55.4	313.3	14,500	60.6	320.2	11,300	125
130	50.0	303.5	14,600*	53.4	309.7	13,600	58.7	317.2	10,500	130
135	47.9	299.1	14,000*	51.4	305.7	12,700	56.8	314.0	9,800	135
140	45.7	294.3	13,400*	49.3	301.5	11,900	54.9	310.6	9,000	140
145	43.4	289.1	12,700	47.2	297.0	11,100	52.9	306.9	8,400	145
150	41.0	283.5	12,000	45.0	292.1	10,400	50.9	302.9	7,800	150
155	38.5	277.4	11,300	42.7	286.8	9,700	48.8	298.6	7,200	155
160	35.9	270.7	10,600	40.2	281.0	9,100	46.7	294.0	6,700	160
165	33.1	263.3	10,000	37.7	274.7	8,500	44.4	289.0	6,200	165
170	30.0	254.9	9,400	35.0	267.8	8,000	42.1	283.5	5,700	170
175	26.6	245.4	8,800	32.1	260.1	7,500	39.7	277.7	5,200	175
180	22.7	234.3	8,300	28.9	251.4	7,000	37.1	271.2	4,800	180
185	18.1	220.4	7,700	25.4	241.4	6,500	34.3	264.1	4,400	185
190	11.7	200.9	7,200	21.3	229.6	6,100	31.4	256.2	4,000	190
195				16.2	214.4	5,600				195
200				8.5	190.6	5,200				200

Liftcrane Fixed Jib Capacities

New York City Code
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	13,800	110
115	58.0	327.0	15,500*	60.9	331.5	16,300*	65.6	336.7	12,700	115
120	56.2	323.7	15,000*	59.2	328.5	15,200	63.9	334.3	11,800	120
125	54.4	320.2	14,400*	57.4	325.4	14,100	62.2	331.7	10,900	125
130	52.5	316.4	13,900*	55.6	322.0	13,200	60.5	328.9	10,000	130
135	50.6	312.4	13,400*	53.8	318.4	12,300	58.8	325.9	9,300	135
140	48.6	308.0	12,900*	51.9	314.5	11,400	57.0	322.7	8,600	140
145	46.5	303.4	12,400*	49.9	310.4	10,700	55.2	319.3	7,900	145
150	44.4	298.4	11,600	47.9	306.0	10,000	53.3	315.6	7,300	150
155	42.2	293.0	10,900	45.8	301.2	9,300	51.4	311.7	6,700	155
160	39.9	287.1	10,200	43.7	296.1	8,700	49.5	307.5	6,200	160
165	37.5	280.8	9,600	41.5	290.6	8,100	47.4	303.0	5,700	165
170	34.9	273.8	9,000	39.1	284.5	7,600	45.3	298.1	5,200	170
175	32.2	266.1	8,400	36.7	278.0	7,100	43.2	292.9	4,800	175
180	29.2	257.5	7,900	34.0	270.8	6,600	40.9	287.3	4,400	180
185	25.9	247.7	7,400	31.2	262.9	6,100	38.5	281.2	4,000	185
190	22.1	236.2	6,900	28.1	253.9	5,700				190
195	17.6	222.0	6,400	24.7	243.6	5,300				195
200	11.3	201.8	6,000	20.7	231.4	4,900				200
205				15.8	215.7	4,500				205
210				8.3	191.3	4,100				210



Liftcrane Fixed Jib Capacities

New York City Code
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	14,700	110
115	56.4	315.0	15,700*	59.6	319.8	16,800*	64.6	325.5	13,600	115
120	54.5	311.4	15,200*	57.7	316.6	16,000	62.8	323.0	12,600	120
125	52.5	307.6	14,700*	55.8	313.2	15,000	61.0	320.2	11,700	125
130	50.4	303.4	14,300*	53.8	309.6	14,000	59.1	317.2	10,900	130
135	48.3	299.0	13,800*	51.8	305.7	13,100	57.2	314.0	10,100	135
140	46.1	294.2	13,200*	49.7	301.5	12,300	55.3	310.5	9,400	140
145	43.8	289.0	12,600*	47.6	296.9	11,500	53.3	306.8	8,800	145
150	41.5	283.4	12,000*	45.4	292.0	10,800	51.3	302.8	8,200	150
155	39.0	277.3	11,500*	43.1	286.7	10,100	49.2	298.5	7,600	155
160	36.3	270.6	10,900*	40.6	280.9	9,500	47.1	293.9	7,000	160
165	33.5	263.2	10,400*	38.1	274.6	8,900	44.8	288.9	6,500	165
170	30.4	254.8	9,800	35.4	267.7	8,400	42.5	283.5	6,100	170
175	27.0	245.3	9,200	32.5	260.0	7,900	40.1	277.6	5,600	175
180	23.1	234.1	8,700	29.3	251.3	7,400	37.5	271.1	5,200	180
185	18.4	220.3	8,200	25.8	241.3	6,900	34.7	264.0	4,800	185
190	12.0	200.6	7,700	21.7	229.4	6,500	31.8	256.1	4,400	190
195				16.6	214.2	6,000	28.5	247.2	4,100	195
200				8.8	190.2	5,600				200

Liftcrane Fixed Jib Capacities

New York City Code
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	14,500	110
115	58.4	327.0	15,400*	61.3	331.4	16,500*	66.0	336.6	13,400	115
120	56.6	323.6	14,900*	59.6	328.5	15,800	64.3	334.2	12,400	120
125	54.8	320.1	14,400*	57.8	325.3	14,700	62.6	331.6	11,500	125
130	52.9	316.4	13,800*	56.0	322.0	13,800	60.9	328.8	10,700	130
135	51.0	312.3	13,300*	54.2	318.4	12,900	59.2	325.9	9,900	135
140	49.0	308.0	12,800*	52.3	314.5	12,100	57.4	322.7	9,200	140
145	46.9	303.3	12,300*	50.3	310.4	11,300	55.6	319.2	8,600	145
150	44.8	298.3	11,800*	48.3	305.9	10,600	53.7	315.6	7,900	150
155	42.6	292.9	11,300*	46.2	301.1	9,900	51.8	311.6	7,400	155
160	40.3	287.1	10,800*	44.1	296.0	9,300	49.8	307.4	6,800	160
165	37.8	280.7	10,200	41.8	290.5	8,700	47.8	302.9	6,300	165
170	35.3	273.7	9,600	39.5	284.5	8,200	45.7	298.1	5,900	170
175	32.5	266.0	9,000	37.0	277.9	7,700	43.6	292.9	5,400	175
180	29.5	257.4	8,500	34.4	270.7	7,200	41.3	287.2	5,000	180
185	26.2	247.6	8,000	31.6	262.8	6,700	38.9	281.1	4,600	185
190	22.5	236.1	7,500	28.5	253.8	6,300	36.4	274.4	4,200	190
195	17.9	221.8	7,000	25.0	243.5	5,900				195
200	11.7	201.6	6,600	21.1	231.2	5,500				200
205				16.1	215.6	5,100				205
210				8.6	190.9	4,700				210



Liftcrane Fixed Jib Capacities

New York City Code
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	12,900	115
120	58.5	335.6	14,000*	61.3	340.1	14,600*	65.7	345.3	11,900	120
125	56.8	332.3	13,600*	59.6	337.1	14,300	64.1	342.9	11,000	125
130	55.0	328.9	13,100*	57.9	334.0	13,400	62.5	340.3	10,200	130
135	53.3	325.1	12,700*	56.2	330.7	12,500	60.9	337.5	9,400	135
140	51.4	321.1	12,200*	54.5	327.1	11,700	59.2	334.5	8,700	140
145	49.6	316.9	11,800*	52.7	323.3	10,900	57.5	331.3	8,100	145
150	47.6	312.4	11,300*	50.8	319.2	10,200	55.8	327.9	7,500	150
155	45.7	307.5	10,900*	48.9	314.9	9,500	54.0	324.3	6,900	155
160	43.6	302.3	10,400	47.0	310.2	8,900	52.2	320.5	6,400	160
165	41.5	296.7	9,800	45.0	305.3	8,300	50.4	316.3	5,900	165
170	39.2	290.6	9,200	42.9	299.9	7,800	48.5	311.9	5,400	170
175	36.8	284.0	8,600	40.7	294.2	7,300	46.5	307.2	5,000	175
180	34.3	276.8	8,100	38.4	287.9	6,800	44.5	302.1	4,500	180
185	31.7	268.8	7,600	36.0	281.1	6,300	42.4	296.7	4,200	185
190	28.7	259.9	7,100	33.5	273.7	5,900				190
195	25.5	249.8	6,700	30.7	265.5	5,500				195
200	21.9	237.9	6,300	27.7	256.2	5,100				200
205	17.4	223.3	5,800	24.4	245.6	4,700				205
210	11.3	202.5	5,400	20.5	233.0	4,300				210
215				15.7	216.9	4,000				215

Liftcrane Fixed Jib Capacities

New York City Code
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	14,800	110
115	58.5	327.0	14,000*	61.4	331.4	14,800*	66.1	336.6	13,700	115
120	56.7	323.7	13,500*	59.7	328.5	14,400*	64.4	334.2	12,700	120
125	54.9	320.1	13,000*	57.9	325.3	13,900*	62.7	331.6	11,800	125
130	53.0	316.4	12,600*	56.1	322.0	13,400*	61.0	328.9	11,000	130
135	51.0	312.3	12,200*	54.2	318.4	13,000*	59.3	325.9	10,200	135
140	49.1	308.0	11,800*	52.4	314.5	12,400	57.5	322.7	9,500	140
145	47.0	303.3	11,500*	50.4	310.4	11,700	55.7	319.2	8,900	145
150	44.9	298.3	11,100*	48.4	305.9	11,000	53.8	315.6	8,300	150
155	42.7	292.9	10,800*	46.3	301.2	10,300	51.9	311.6	7,700	155
160	40.4	287.1	10,500*	44.2	296.0	9,700	49.9	307.5	7,200	160
165	38.0	280.7	10,100*	41.9	290.5	9,100	47.9	302.9	6,700	165
170	35.4	273.7	9,600*	39.6	284.5	8,600	45.8	298.1	6,200	170
175	32.6	266.0	9,100*	37.1	277.9	8,000	43.7	292.9	5,700	175
180	29.6	257.4	8,700*	34.5	270.7	7,500	41.4	287.2	5,300	180
185	26.3	247.6	8,400*	31.7	262.8	7,100	39.0	281.1	4,900	185
190	22.6	236.1	7,900	28.6	253.8	6,600	36.5	274.4	4,600	190
195	18.0	221.8	7,400	25.1	243.5	6,200	33.8	267.0	4,200	195
200	11.8	201.6	7,000	21.2	231.2	5,800				200
205				16.2	215.6	5,400				205
210				8.7	191.0	5,000				210

Liftcrane Fixed Jib Capacities

New York City Code
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	13,500	115
120	58.6	335.6	13,200*	61.4	340.1	13,800*	65.8	345.3	12,500	120
125	56.9	332.4	12,800*	59.7	337.1	13,600*	64.2	342.9	11,600	125
130	55.1	328.9	12,300*	58.0	334.0	13,200*	62.6	340.3	10,800	130
135	53.3	325.1	12,000*	56.3	330.7	12,700*	61.0	337.5	10,000	135
140	51.5	321.2	11,600*	54.5	327.1	12,200	59.3	334.5	9,300	140
145	49.7	316.9	11,300*	52.8	323.3	11,400	57.6	331.4	8,600	145
150	47.7	312.4	10,900*	50.9	319.2	10,700	55.9	328.0	8,000	150
155	45.7	307.5	10,600*	49.0	314.9	10,100	54.1	324.3	7,500	155
160	43.7	302.3	10,300*	47.1	310.2	9,500	52.3	320.5	6,900	160
165	41.5	296.7	9,900*	45.1	305.3	8,900	50.5	316.3	6,400	165
170	39.3	290.6	9,500*	43.0	299.9	8,300	48.6	311.9	6,000	170
175	36.9	284.0	9,100*	40.8	294.2	7,800	46.6	307.2	5,500	175
180	34.4	276.8	8,700*	38.5	287.9	7,300	44.6	302.1	5,100	180
185	31.7	268.8	8,200	36.1	281.1	6,900	42.5	296.7	4,700	185
190	28.9	260.0	7,700	33.6	273.7	6,400	40.3	290.9	4,300	190
195	25.6	249.8	7,200	30.8	265.5	6,000	38.0	284.5	4,000	195
200	22.0	238.0	6,800	27.8	256.2	5,600				200
205	17.5	223.3	6,400	24.5	245.6	5,300				205
210	11.4	202.5	6,000	20.6	233.0	4,900				210
215				15.8	216.9	4,500				215
220				8.4	191.6	4,200				220

Liftcrane Fixed Jib Capacities

New York City Code
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

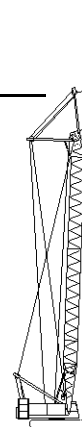
Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Angle Degrees	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	12,000	120
125	58.6	344.3	12,400*	61.3	348.7	12,600*	65.5	354.0	11,100	125
130	57.0	341.0	12,100*	59.7	345.8	12,500*	64.0	351.6	10,300	130
135	55.4	337.6	11,700*	58.1	342.7	12,300*	62.5	349.0	9,500	135
140	53.7	333.9	11,400*	56.5	339.4	11,800	60.9	346.2	8,800	140
145	52.0	330.0	11,000*	54.8	335.8	11,000	59.3	343.2	8,200	145
150	50.2	325.8	10,700*	53.1	332.1	10,300	57.7	340.0	7,600	150
155	48.4	321.4	10,300*	51.4	328.1	9,700	56.1	336.6	7,000	155
160	46.5	316.6	10,000*	49.6	323.8	9,000	54.4	333.1	6,500	160
165	44.6	311.6	9,600*	47.8	319.3	8,500	52.7	329.3	6,000	165
170	42.6	306.1	9,200*	45.9	314.5	7,900	51.0	325.2	5,500	170
175	40.5	300.3	8,800	43.9	309.3	7,400	49.2	320.9	5,100	175
180	38.3	294.0	8,300	41.9	303.7	6,900	47.3	316.3	4,700	180
185	36.0	287.2	7,800	39.8	297.7	6,500	45.4	311.4	4,300	185
190	33.6	279.8	7,300	37.6	291.3	6,000				190
195	31.0	271.6	6,900	35.2	284.3	5,600				195
200	28.1	262.4	6,400	32.7	276.6	5,200				200
205	25.0	252.0	6,000	30.0	268.1	4,900				205
210	21.4	239.8	5,600	27.1	258.6	4,500				210
215	17.1	224.7	5,300	23.9	247.7	4,200				215
220	11.1	203.4	4,900							220



Liftcrane Fixed Jib Capacities

New York City Code
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	11,000	130
135	53.2	325.2	10,800*	56.1	330.7	11,100*	60.8	337.6	10,200	135
140	51.3	321.2	10,700*	54.4	327.1	10,900*	59.1	334.6	9,500	140
145	49.5	317.0	10,300*	52.6	323.4	10,800*	57.4	331.4	8,900	145
150	47.5	312.4	10,000*	50.7	319.3	10,600*	55.7	328.0	8,300	150
155	45.6	307.6	9,700*	48.8	315.0	10,300*	54.0	324.4	7,700	155
160	43.5	302.4	9,400*	46.9	310.3	9,800	52.1	320.5	7,200	160
165	41.3	296.7	9,200*	44.9	305.3	9,200	50.3	316.4	6,700	165
170	39.1	290.7	8,900*	42.8	300.0	8,700	48.4	312.0	6,200	170
175	36.7	284.1	8,700*	40.6	294.2	8,100	46.4	307.3	5,800	175
180	34.2	276.9	8,400*	38.3	288.0	7,700	44.4	302.2	5,400	180
185	31.6	268.9	8,000*	36.0	281.2	7,200	42.3	296.8	5,000	185
190	28.7	260.0	7,700*	33.4	273.8	6,800	40.1	290.9	4,600	190
195	25.5	249.9	7,400*	30.6	265.6	6,400	37.8	284.6	4,300	195
200	21.8	238.1	7,100*	27.6	256.3	6,000				200
205	17.4	223.4	6,700	24.3	245.7	5,600				205
210	11.3	202.8	6,300	20.4	233.1	5,200				210
215				15.6	217.1	4,900				215
220				8.3	191.9	4,500				220

Liftcrane Fixed Jib Capacities

New York City Code
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	10,800	130
135	55.2	337.6	10,500*	57.9	342.7	10,700*	62.3	349.0	10,000	135
140	53.5	334.0	10,300*	56.3	339.4	10,500*	60.7	346.2	9,300	140
145	51.8	330.0	10,100*	54.6	335.9	10,400*	59.2	343.2	8,700	145
150	50.0	325.9	9,800*	52.9	332.1	10,300*	57.5	340.1	8,100	150
155	48.2	321.4	9,500*	51.2	328.1	10,100*	55.9	336.7	7,500	155
160	46.3	316.7	9,300*	49.4	323.9	9,500	54.2	333.1	7,000	160
165	44.4	311.6	9,000*	47.6	319.4	9,000	52.5	329.3	6,500	165
170	42.4	306.2	8,800*	45.7	314.5	8,400	50.8	325.3	6,000	170
175	40.3	300.4	8,500*	43.7	309.3	7,900	49.0	320.9	5,600	175
180	38.1	294.1	8,300*	41.7	303.8	7,400	47.2	316.3	5,200	180
185	35.8	287.3	8,000*	39.6	297.8	7,000	45.2	311.4	4,800	185
190	33.4	279.8	7,700*	37.4	291.4	6,500	43.3	306.2	4,400	190
195	30.8	271.6	7,400*	35.0	284.4	6,100	41.2	300.5	4,100	195
200	28.0	262.5	7,000	32.6	276.7	5,700				200
205	24.8	252.1	6,600	29.9	268.2	5,400				205
210	21.2	239.9	6,200	27.0	258.7	5,000				210
215	16.9	224.9	5,800	23.7	247.8	4,700				215
220	11.0	203.7	5,400	19.9	234.8	4,300				220
225				15.2	218.4	4,000				225

Liftcrane Fixed Jib Capacities

New York City Code
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	9,500	135
140	55.4	346.4	9,800*	58.0	351.4	10,000*	62.2	357.7	8,800	140
145	53.8	342.7	9,700*	56.5	348.1	9,900*	60.7	354.9	8,200	145
150	52.2	338.8	9,600*	54.9	344.6	9,800*	59.2	351.9	7,600	150
155	50.5	334.7	9,400*	53.3	340.9	9,700*	57.7	348.7	7,000	155
160	48.8	330.4	9,100*	51.6	337.0	9,100	56.1	345.4	6,500	160
165	47.0	325.8	8,900*	49.9	332.8	8,500	54.5	341.9	6,000	165
170	45.2	320.8	8,600*	48.2	328.3	8,000	52.9	338.1	5,600	170
175	43.3	315.6	8,400*	46.4	323.6	7,500	51.2	334.1	5,100	175
180	41.4	310.0	8,100*	44.6	318.6	7,000	49.5	329.9	4,700	180
185	39.3	303.9	7,800*	42.7	313.2	6,600	47.8	325.4	4,300	185
190	37.2	297.4	7,400	40.7	307.5	6,100	46.0	320.6	4,000	190
195	35.0	290.4	7,000	38.6	301.3	5,700				195
200	32.6	282.7	6,600	36.5	294.6	5,300				200
205	30.0	274.3	6,200	34.2	287.4	5,000				205
210	27.3	264.9	5,800	31.8	279.5	4,600				210
215	24.2	254.2	5,400	29.2	270.8	4,300				215
220	20.7	241.7	5,100	26.3	261.0	4,000				220
225	16.5	226.3	4,700							225
230	10.7	204.6	4,400							230

Liftcrane Fixed Jib Capacities

New York City Code
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	19,300	66.9	329.9	15,100	105
110	55.9	316.5	16,900*	59.5	321.7	18,000	65.1	327.6	14,000	110
115	53.8	313.0	16,200*	57.5	318.6	16,700	63.2	325.1	12,900	115
120	51.7	309.1	15,500*	55.5	315.2	15,600	61.3	322.4	12,000	120
125	49.5	304.9	14,800*	53.4	311.5	14,500	59.3	319.5	11,100	125
130	47.3	300.4	14,200*	51.2	307.6	13,600	57.3	316.4	10,300	130
135	44.9	295.5	13,500*	49.0	303.3	12,700	55.3	313.0	9,500	135
140	42.5	290.1	12,900*	46.8	298.7	11,900	53.2	309.3	8,800	140
145	39.9	284.3	12,300*	44.4	293.7	11,100	51.1	305.3	8,200	145
150	37.2	277.9	11,700*	41.9	288.3	10,400	48.9	301.0	7,600	150
155	34.3	270.8	11,200*	39.3	282.3	9,800	46.6	296.4	7,000	155
160	31.1	262.9	10,600*	36.5	275.8	9,100	44.2	291.4	6,500	160
165	27.6	253.8	10,100	33.6	268.5	8,600	41.8	285.9	6,000	165
170	23.7	243.1	9,500	30.4	260.3	8,000	39.2	279.9	5,500	170
175	19.0	229.9	8,900	26.8	250.9	7,500	36.4	273.4	5,100	175
180	12.6	211.6	8,400	22.7	239.8	7,000	33.4	266.0	4,700	180
185				17.7	225.9	6,500	30.2	257.8	4,300	185
190				10.6	205.2	6,100				190



Liftcrane Fixed Jib Capacities

New York City Code
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	17,700	66.5	338.6	13,800	110
115	56.1	325.2	15,500*	59.5	330.4	16,500	64.8	336.3	12,700	115
120	54.2	321.7	14,900*	57.6	327.2	15,400	63.0	333.8	11,700	120
125	52.2	317.9	14,300*	55.7	323.9	14,300	61.2	331.1	10,900	125
130	50.2	313.8	13,700*	53.8	320.3	13,400	59.4	328.2	10,100	130
135	48.0	309.4	13,100*	51.7	316.4	12,500	57.5	325.0	9,300	135
140	45.9	304.6	12,600*	49.7	312.2	11,700	55.6	321.6	8,600	140
145	43.6	299.5	12,100*	47.6	307.7	10,900	53.6	318.0	8,000	145
150	41.2	293.9	11,500*	45.4	302.9	10,200	51.6	314.1	7,400	150
155	38.7	287.8	11,000*	43.1	297.7	9,600	49.6	310.0	6,800	155
160	36.1	281.2	10,500	40.7	292.0	8,900	47.4	305.5	6,300	160
165	33.3	273.8	9,900	38.2	285.8	8,400	45.2	300.6	5,800	165
170	30.2	265.5	9,300	35.5	279.0	7,800	42.9	295.3	5,300	170
175	26.8	256.1	8,800	32.6	271.4	7,300	40.5	289.6	4,900	175
180	23.0	245.1	8,200	29.5	263.0	6,800	38.0	283.4	4,500	180
185	18.4	231.5	7,700	26.0	253.2	6,400	35.3	276.5	4,100	185
190	12.2	212.6	7,200	22.1	241.8	5,900				190
195				17.2	227.3	5,500				195
200				10.3	206.1	5,100				200

Liftcrane Fixed Jib Capacities

New York City Code
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	13,300	110
115	58.1	337.2	14,600*	61.2	341.9	15,700*	66.2	347.3	12,200	115
120	56.3	333.9	14,100*	59.5	339.0	14,900	64.5	345.0	11,200	120
125	54.5	330.4	13,600*	57.7	335.9	13,900	62.8	342.5	10,400	125
130	52.6	326.7	13,100*	55.9	332.6	12,900	61.1	339.7	9,600	130
135	50.7	322.6	12,600*	54.1	329.0	12,100	59.4	336.8	8,800	135
140	48.7	318.3	12,100*	52.2	325.2	11,300	57.6	333.7	8,100	140
145	46.7	313.7	11,600*	50.3	321.1	10,500	55.8	330.4	7,500	145
150	44.6	308.7	11,200*	48.3	316.7	9,800	54.0	326.8	6,900	150
155	42.4	303.4	10,700*	46.2	312.0	9,100	52.1	323.0	6,300	155
160	40.1	297.6	10,200	44.1	307.0	8,500	50.2	318.8	5,800	160
165	37.7	291.2	9,500	41.9	301.5	8,000	48.2	314.4	5,300	165
170	35.1	284.3	8,900	39.5	295.6	7,400	46.1	309.7	4,900	170
175	32.3	276.7	8,400	37.1	289.1	6,900	44.0	304.6	4,400	175
180	29.4	268.2	7,900	34.5	282.1	6,400	41.7	299.1	4,000	180
185	26.1	258.5	7,400	31.7	274.3	6,000				185
190	22.4	247.1	6,900	28.7	265.5	5,500				190
195	17.9	233.1	6,400	25.3	255.5	5,100				195
200	11.9	213.6	6,000	21.5	243.6	4,700				200
205				16.8	228.8	4,300				205
210				10.0	206.9	4,000				210



Liftcrane Fixed Jib Capacities

New York City Code
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	14,100	110
115	56.5	325.2	15,300*	59.9	330.3	16,900*	65.2	336.2	13,100	115
120	54.6	321.6	14,700*	58.0	327.2	15,800	63.4	333.7	12,100	120
125	52.6	317.8	14,100*	56.1	323.8	14,800	61.6	331.0	11,200	125
130	50.6	313.7	13,500*	54.2	320.2	13,800	59.8	328.1	10,400	130
135	48.5	309.3	12,900*	52.2	316.3	12,900	57.9	325.0	9,700	135
140	46.3	304.6	12,400*	50.1	312.2	12,100	56.0	321.6	9,000	140
145	44.0	299.4	11,800*	48.0	307.7	11,300	54.0	318.0	8,300	145
150	41.6	293.8	11,300*	45.8	302.9	10,600	52.0	314.1	7,700	150
155	39.1	287.7	10,800*	43.5	297.6	10,000	50.0	309.9	7,200	155
160	36.5	281.1	10,300*	41.1	291.9	9,400	47.8	305.4	6,700	160
165	33.7	273.7	9,800*	38.5	285.7	8,800	45.6	300.5	6,200	165
170	30.6	265.5	9,300*	35.9	278.9	8,200	43.3	295.3	5,700	170
175	27.2	256.0	9,000*	33.0	271.4	7,700	40.9	289.5	5,300	175
180	23.4	245.0	8,600*	29.9	262.9	7,200	38.4	283.3	4,900	180
185	18.8	231.4	8,100	26.4	253.1	6,800	35.7	276.5	4,500	185
190	12.6	212.4	7,600	22.5	241.6	6,300	32.8	268.8	4,100	190
195				17.6	227.2	5,900				195
200				10.6	205.8	5,500				200

Liftcrane Fixed Jib Capacities

New York City Code
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	15,800*	65.0	347.1	16,100*				105
110	60.3	340.2	15,600*	63.3	344.6	16,000*				110
115	58.5	337.2	14,600*	61.6	341.9	15,800*	66.6	347.3	12,900	115
120	56.7	333.9	14,000*	59.9	339.0	15,600*	64.9	344.9	11,900	120
125	54.9	330.4	13,500*	58.1	335.9	14,500	63.2	342.4	11,000	125
130	53.0	326.6	13,000*	56.3	332.5	13,600	61.5	339.7	10,200	130
135	51.1	322.6	12,500*	54.5	329.0	12,700	59.8	336.8	9,500	135
140	49.1	318.3	12,000*	52.6	325.1	11,900	58.0	333.6	8,800	140
145	47.1	313.6	11,500*	50.7	321.1	11,100	56.2	330.3	8,100	145
150	45.0	308.7	11,100*	48.7	316.7	10,400	54.4	326.7	7,500	150
155	42.7	303.3	10,600*	46.6	312.0	9,800	52.5	322.9	7,000	155
160	40.5	297.5	10,200*	44.5	306.9	9,200	50.5	318.8	6,500	160
165	38.0	291.2	9,700*	42.2	301.4	8,600	48.5	314.4	6,000	165
170	35.5	284.2	9,300*	39.9	295.5	8,000	46.5	309.6	5,500	170
175	32.7	276.6	8,900*	37.5	289.1	7,500	44.3	304.6	5,100	175
180	29.7	268.0	8,500*	34.9	282.0	7,000	42.1	299.1	4,700	180
185	26.5	258.3	8,000	32.1	274.2	6,600	39.8	293.1	4,300	185
190	22.7	246.9	7,500	29.0	265.4	6,100				190
195	18.3	232.9	7,000	25.7	255.4	5,700				195
200	12.2	213.4	6,600	21.8	243.5	5,300				200
205				17.1	228.6	4,900				205
210				10.3	206.6	4,600				210



Liftcrane Fixed Jib Capacities

New York City Code
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	12,400	115
120	58.6	345.8	13,300*	61.5	350.5	14,000*	66.2	356.0	11,400	120
125	56.9	342.6	12,800*	59.9	347.6	13,900*	64.7	353.6	10,500	125
130	55.2	339.1	12,400*	58.2	344.5	13,200	63.1	351.1	9,700	130
135	53.4	335.4	11,900*	56.5	341.2	12,300	61.5	348.3	9,000	135
140	51.6	331.4	11,500*	54.8	337.7	11,500	59.8	345.4	8,300	140
145	49.7	327.2	11,100*	53.0	333.9	10,700	58.1	342.3	7,700	145
150	47.8	322.7	10,700*	51.2	329.9	10,000	56.4	339.0	7,100	150
155	45.8	317.8	10,200*	49.3	325.6	9,400	54.7	335.5	6,500	155
160	43.7	312.6	9,800*	47.3	321.0	8,700	52.9	331.7	6,000	160
165	41.6	307.1	9,500*	45.3	316.1	8,200	51.0	327.6	5,500	165
170	39.4	301.0	9,100*	43.3	310.8	7,600	49.2	323.3	5,000	170
175	37.0	294.5	8,600	41.1	305.2	7,100	47.2	318.7	4,600	175
180	34.5	287.3	8,100	38.8	299.0	6,600	45.2	313.8	4,200	180
185	31.9	279.4	7,600	36.5	292.3	6,200				185
190	29.0	270.6	7,100	33.9	285.0	5,700				190
195	25.8	260.6	6,700	31.2	276.9	5,300				195
200	22.1	248.9	6,200	28.3	267.9	4,900				200
205	17.8	234.4	5,800	25.0	257.5	4,600				205
210	11.9	214.3	5,400	21.2	245.3	4,200				210

Liftcrane Fixed Jib Capacities

New York City Code
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	13,200	115
120	56.8	333.9	13,500*	60.0	339.0	14,300*	65.0	344.9	12,200	120
125	55.0	330.4	13,000*	58.2	335.9	14,000*	63.3	342.4	11,300	125
130	53.1	326.6	12,600*	56.4	332.5	13,500*	61.6	339.7	10,500	130
135	51.2	322.6	12,200*	54.6	329.0	13,000*	59.9	336.8	9,800	135
140	49.2	318.3	11,800*	52.7	325.1	12,200	58.1	333.6	9,100	140
145	47.2	313.6	11,300*	50.7	321.1	11,500	56.3	330.3	8,400	145
150	45.0	308.7	10,800*	48.8	316.7	10,800	54.5	326.7	7,800	150
155	42.8	303.3	10,400*	46.7	312.0	10,100	52.6	322.9	7,300	155
160	40.5	297.5	9,900*	44.6	306.9	9,500	50.6	318.8	6,800	160
165	38.1	291.2	9,500*	42.3	301.5	8,900	48.6	314.4	6,300	165
170	35.6	284.2	9,000*	40.0	295.5	8,400	46.6	309.7	5,800	170
175	32.8	276.6	8,600*	37.6	289.1	7,900	44.4	304.6	5,400	175
180	29.9	268.1	8,200*	35.0	282.0	7,400	42.2	299.1	5,000	180
185	26.6	258.4	7,900*	32.2	274.2	6,900	39.9	293.1	4,600	185
190	22.8	247.0	7,600*	29.1	265.4	6,500	37.4	286.6	4,200	190
195	18.4	232.9	7,200*	25.8	255.4	6,100				195
200	12.3	213.4	6,900	21.9	243.5	5,700				200
205				17.2	228.6	5,300				205
210				10.4	206.7	4,900				210



Liftcrane Fixed Jib Capacities

New York City Code
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	12,900	115
120	58.7	345.8	13,100*	61.6	350.5	13,400*	66.3	356.0	12,000	120
125	57.0	342.6	12,700*	60.0	347.6	13,200*	64.8	353.6	11,100	125
130	55.2	339.1	12,300*	58.3	344.5	13,100*	63.2	351.1	10,300	130
135	53.5	335.4	11,800*	56.6	341.2	12,800*	61.5	348.4	9,500	135
140	51.7	331.4	11,400*	54.9	337.7	12,000	59.9	345.4	8,900	140
145	49.8	327.2	11,000*	53.1	333.9	11,300	58.2	342.3	8,200	145
150	47.9	322.7	10,600*	51.2	329.9	10,600	56.5	339.0	7,600	150
155	45.9	317.9	10,100*	49.4	325.6	9,900	54.7	335.5	7,100	155
160	43.8	312.7	9,700*	47.4	321.0	9,300	53.0	331.7	6,600	160
165	41.7	307.1	9,300*	45.4	316.1	8,700	51.1	327.6	6,100	165
170	39.5	301.0	9,000*	43.4	310.9	8,200	49.2	323.3	5,600	170
175	37.1	294.5	8,600*	41.2	305.2	7,700	47.3	318.7	5,200	175
180	34.6	287.3	8,200*	38.9	299.0	7,200	45.3	313.8	4,800	180
185	32.0	279.4	7,800*	36.6	292.3	6,700	43.2	308.5	4,400	185
190	29.1	270.6	7,500*	34.0	285.0	6,300	41.1	302.8	4,000	190
195	25.9	260.6	7,200*	31.3	276.9	5,900				195
200	22.2	248.9	6,800	28.4	267.9	5,500				200
205	17.9	234.4	6,400	25.1	257.5	5,100				205
210	12.0	214.4	6,000	21.3	245.3	4,800				210
215				16.7	230.0	4,400				215
220				10.2	207.5	4,100				220

Liftcrane Fixed Jib Capacities

New York City Code
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	11,500	120
125	58.8	354.5	12,000*	61.6	359.2	12,300*	66.1	364.7	10,600	125
130	57.1	351.3	11,600*	60.0	356.3	12,100*	64.5	362.3	9,800	130
135	55.5	347.8	11,200*	58.4	353.2	12,000*	63.0	359.7	9,100	135
140	53.8	344.2	10,900*	56.8	349.9	11,600	61.5	357.0	8,400	140
145	52.1	340.3	10,500*	55.1	346.4	10,800	59.9	354.1	7,700	145
150	50.3	336.1	10,100*	53.4	342.7	10,100	58.3	351.0	7,100	150
155	48.5	331.7	9,700*	51.7	338.8	9,500	56.7	347.7	6,600	155
160	46.6	327.0	9,400*	49.9	334.5	8,900	55.0	344.2	6,100	160
165	44.7	321.9	9,000*	48.1	330.1	8,300	53.3	340.5	5,600	165
170	42.7	316.5	8,700*	46.2	325.3	7,800	51.6	336.5	5,100	170
175	40.6	310.7	8,400*	44.3	320.2	7,300	49.8	332.3	4,700	175
180	38.5	304.5	8,000*	42.2	314.7	6,800	48.0	327.8	4,300	180
185	36.2	297.7	7,700*	40.2	308.8	6,300				185
190	33.7	290.3	7,300	38.0	302.4	5,900				190
195	31.1	282.2	6,800	35.6	295.5	5,500				195
200	28.3	273.1	6,400	33.2	288.0	5,100				200
205	25.2	262.8	6,000	30.5	279.6	4,700				205
210	21.7	250.7	5,600	27.7	270.3	4,400				210
215	17.4	235.9	5,200	24.5	259.6	4,000				215
220	11.7	215.3	4,900							220

Liftcrane Fixed Jib Capacities

New York City Code
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	11,300	125
130	55.1	339.2	10,800*	58.1	344.6	11,100*	63.0	351.1	10,500	130
135	53.3	335.5	10,700*	56.4	341.3	11,000*	61.3	348.4	9,800	135
140	51.5	331.5	10,600*	54.7	337.8	10,800*	59.7	345.5	9,100	140
145	49.6	327.3	10,300*	52.9	334.0	10,700*	58.0	342.4	8,500	145
150	47.7	322.7	10,000*	51.1	330.0	10,500*	56.3	339.0	7,900	150
155	45.7	317.9	9,700*	49.2	325.7	10,200	54.6	335.5	7,300	155
160	43.6	312.7	9,400*	47.2	321.1	9,600	52.8	331.7	6,800	160
165	41.5	307.1	9,100*	45.2	316.2	9,000	50.9	327.7	6,300	165
170	39.3	301.1	8,700*	43.2	310.9	8,500	49.1	323.4	5,900	170
175	36.9	294.5	8,300*	41.0	305.2	8,000	47.1	318.8	5,500	175
180	34.4	287.4	8,000*	38.8	299.1	7,500	45.1	313.9	5,100	180
185	31.8	279.5	7,600*	36.4	292.4	7,100	43.0	308.6	4,700	185
190	28.9	270.7	7,300*	33.8	285.1	6,600	40.9	302.9	4,300	190
195	25.7	260.7	7,000*	31.1	277.0	6,200	38.6	296.7	4,000	195
200	22.1	249.0	6,700*	28.2	268.0	5,800				200
205	17.7	234.6	6,400*	24.9	257.6	5,500				205
210	11.8	214.6	6,200*	21.2	245.5	5,100				210
215				16.6	230.2	4,700				215
220				10.0	207.8	4,400				220

Liftcrane Fixed Jib Capacities

New York City Code
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	10,300	130
135	55.3	347.9	10,300*	58.2	353.3	10,500*	62.8	359.8	9,600	135
140	53.6	344.2	10,100*	56.6	350.0	10,400*	61.3	357.1	8,900	140
145	51.9	340.3	10,000*	54.9	346.5	10,300*	59.7	354.1	8,200	145
150	50.1	336.2	9,800*	53.2	342.8	10,100*	58.1	351.0	7,600	150
155	48.3	331.7	9,500*	51.5	338.8	10,000*	56.5	347.7	7,100	155
160	46.5	327.0	9,200*	49.7	334.6	9,400	54.8	344.2	6,600	160
165	44.5	322.0	8,900*	47.9	330.1	8,800	53.1	340.5	6,100	165
170	42.5	316.6	8,500*	46.0	325.3	8,300	51.4	336.5	5,700	170
175	40.5	310.8	8,200*	44.1	320.2	7,800	49.6	332.3	5,200	175
180	38.3	304.5	7,900*	42.1	314.7	7,300	47.8	327.8	4,800	180
185	36.0	297.8	7,600*	40.0	308.9	6,800	45.9	323.0	4,400	185
190	33.6	290.4	7,300*	37.8	302.5	6,400	44.0	317.9	4,100	190
195	31.0	282.2	6,900*	35.5	295.6	6,000				195
200	28.2	273.2	6,700*	33.0	288.0	5,600				200
205	25.0	262.9	6,400*	30.4	279.7	5,200				205
210	21.5	250.8	6,100	27.5	270.4	4,900				210
215	17.3	236.1	5,800	24.3	259.8	4,600				215
220	11.5	215.5	5,400	20.6	247.2	4,200				220



Liftcrane Fixed Jib Capacities

New York City Code
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	9,800	130
135	57.1	360.0	9,800*	59.8	365.0	10,000*	64.2	371.0	9,100	135
140	55.5	356.6	9,600*	58.3	361.9	9,800*	62.7	368.5	8,400	140
145	53.9	353.0	9,500*	56.7	358.7	9,700*	61.2	365.7	7,800	145
150	52.3	349.1	9,400*	55.2	355.2	9,600*	59.7	362.8	7,200	150
155	50.6	345.0	9,200*	53.6	351.5	9,500*	58.2	359.7	6,600	155
160	48.9	340.7	8,900*	51.9	347.6	8,900	56.7	356.4	6,100	160
165	47.1	336.1	8,600*	50.2	343.5	8,400	55.1	353.0	5,600	165
170	45.3	331.2	8,300*	48.5	339.1	7,800	53.5	349.3	5,200	170
175	43.4	326.0	8,000*	46.7	334.4	7,300	51.8	345.4	4,800	175
180	41.5	320.4	7,700*	44.9	329.5	6,900	50.1	341.2	4,400	180
185	39.5	314.4	7,400*	43.0	324.1	6,400	48.4	336.8	4,000	185
190	37.3	307.9	7,100*	41.0	318.5	6,000				190
195	35.1	300.9	6,800*	39.0	312.4	5,600				195
200	32.8	293.3	6,500	36.9	305.8	5,200				200
205	30.2	284.9	6,100	34.6	298.7	4,800				205
210	27.5	275.6	5,800	32.2	290.9	4,500				210
215	24.5	265.0	5,400	29.6	282.3	4,200				215
220	21.0	252.7	5,000							220
225	16.9	237.5	4,700							225
230	11.2	216.5	4,400							230