

Liftcrane Luffing Jib Intermediate Fall Capacities

888 SERIES 2

**Fixed Jib No. 138 At 3 Degree Offset Angle On
Luffing Jib No. 135 On Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
360 Degree Rating**

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

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

Lower boom point assembly must be completely removed on 190 Ft. and 200 Ft. boom lengths.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath intermediate fall is considered part of intermediate fall load. 3,000 Lbs. suspended beneath luffing jib point sheaves has been included in capacity determination. Fixed jib weight and 1,500 Lbs. suspended beneath fixed jib point also included in capacity determination. Boom and luffing 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 crawlers fully extended, gantry up and bearing turntable level within a tolerance of 1/2 in. in 10 Ft. and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to fixed jib assembly **No. 179361**, luffing jib assembly **No. A07691**, Wire Rope Specification chart **No. 7825-A** and Luffing Jib Raising Procedure chart **No. 7826-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. 7827-B**.

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

INTERMEDIATE FALL ELEVATION: Intermediate fall elevation is vertical distance from ground level to centerline of intermediate fall shaft.

MACHINE EQUIPMENT: Machine equipped with 28 Ft. 2 in. extendible crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, four 1-3/8 in. boom pendants, 8 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, 179,100 Lb. crane counterweight and 44,000 Lb. carbody counterweight.

Consult chart **No. 7832-A** for luffing jib capacities. Consult chart **No. 7969-A** for fixed jib on luffing jib capacities. Consult chart **No. 8518-A** for intermediate fall capacities with fixed jib removed.

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160 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	71.8	228.1	15,000*							35
40	66.9	226.1	15,000*							40
45	61.9	223.6	15,000*							45
50	56.6	220.5	15,000*	70.7	226.4	15,000*				50
55	51.0	216.6	15,000*	65.8	224.3	15,000*				55
60	44.8	211.9	12,800*	60.8	221.7	15,000*				60
65	37.8	206.0	11,000*	55.4	218.4	15,000*				65
70	29.5	198.1	9,600*	49.7	214.4	14,700*				70
75	17.6	185.9	8,500*	43.4	209.4	12,500*				75
80				36.1	203.2	10,800*				80
85				27.3	194.7	9,500*				85
90				13.7	180.4	8,400*				90
100							55.5	209.5	15,000*	100
105							49.8	205.5	15,000*	105
110							43.5	200.6	12,900*	110
115							36.3	194.4	11,100*	115
120							27.5	185.9	9,700*	120
125							14.1	171.9	8,600*	125

160 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet			
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall					
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds				
35	71.8	228.1	15,000*							35			
40	66.9	226.1	15,000*							40			
45	61.9	223.6	15,000*							45			
50	56.6	220.5	15,000*							50			
55	51.0	216.6	14,300*							55			
60	44.8	211.9	12,200*	60.8	221.7	15,000*				60			
65	37.8	206.0	10,500*	55.4	218.4	15,000*				65			
70	29.5	198.1	9,200*	49.7	214.4	14,000*				70			
75	17.6	185.9	8,100*	43.4	209.4	11,900*				75			
80				36.1	203.2	10,300*				80			
85				27.3	194.7	9,000*				85			
90				13.7	180.4	8,000*				90			
100										55.5	209.5	15,000*	100
105										49.8	205.5	14,400*	105
110										43.5	200.6	12,200*	110
115							36.3	194.4	10,500*	115			
120							27.5	185.9	9,200*	120			
125							14.1	171.9	8,100*	125			

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Fixed Jib No. 138 At 3 Degree Offset Angle On
Luffing Jib No. 135 On Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
360 Degree Rating

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160 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	71.8	228.1	15,000*							35
40	66.9	226.1	15,000*							40
45	61.9	223.6	15,000*							45
50	56.6	220.5	15,000*	70.7	226.4	15,000*				50
55	51.0	216.6	13,900*	65.8	224.3	15,000*				55
60	44.8	211.9	11,800*	60.8	221.7	15,000*				60
65	37.8	206.0	10,200*	55.4	218.4	15,000*				65
70	29.5	198.1	9,000*	49.7	214.4	13,600*				70
75	17.6	185.9	8,000*	43.4	209.4	11,600*				75
80				36.1	203.2	10,000*				80
85				27.3	194.7	8,800*				85
90				13.7	180.4	7,800*				90
100							55.5	209.5	15,000*	100
105							49.8	205.5	14,000*	105
110							43.5	200.6	11,900*	110
115							36.3	194.4	10,300*	115
120							27.5	185.9	9,000*	120
125							14.1	171.9	8,000*	125

160 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet			
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall					
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds				
35	71.8	228.1	15,000*							35			
40	66.9	226.1	15,000*							40			
45	61.9	223.6	15,000*							45			
50	56.6	220.5	15,000*							50			
55	51.0	216.6	13,800*							55			
60	44.8	211.9	11,800*	60.8	221.7	15,000*				60			
65	37.8	206.0	10,200*	55.4	218.4	15,000*				65			
70	29.5	198.1	9,000*	49.7	214.4	13,500*				70			
75	17.6	185.9	8,100*	43.4	209.4	11,500*				75			
80				36.1	203.2	10,000*				80			
85				27.3	194.7	8,900*				85			
90				13.7	180.4	7,900*				90			
100										55.5	209.5	15,000*	100
105										49.8	205.5	13,900*	105
110										43.5	200.6	11,900*	110
115							36.3	194.4	10,300*	115			
120							27.5	185.9	9,000*	120			
125							14.1	171.9	7,000	125			

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Fixed Jib No. 138 At 3 Degree Offset Angle On
Luffing Jib No. 135 On Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
360 Degree Rating

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180 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	72.4	248.4	15,000*							35
40	67.6	246.4	15,000*							40
45	62.6	244.0	15,000*							45
50	57.4	240.9	15,000*							50
55	51.8	237.2	15,000*	68.2	245.3	15,000*				55
60	45.7	232.6	13,200*	63.3	242.9	15,000*				60
65	38.9	226.9	11,400*	58.1	239.9	15,000*				65
70	30.8	219.4	9,900*	52.5	236.3	15,000*				70
75	19.7	208.1	8,700*	46.5	231.9	13,800*				75
80				39.8	226.3	11,800*				80
85				31.9	219.0	10,200*				85
90				21.4	208.5	9,000*				90
105							57.5	229.6	15,000*	105
110							52.0	225.9	15,000*	110
115							45.9	221.4	14,100*	115
120							39.1	215.6	12,000*	120
125							31.0	208.2	10,400*	125
130							20.1	197.1	8,800	130

180 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	72.4	248.4	15,000*							35
40	67.6	246.4	15,000*							40
45	62.6	244.0	15,000*							45
50	57.4	240.9	15,000*							50
55	51.8	237.2	14,900*	68.2	245.3	15,000*				55
60	45.7	232.6	12,600*	63.3	242.9	15,000*				60
65	38.9	226.9	10,800*	58.1	239.9	15,000*				65
70	30.8	219.4	9,400*	52.5	236.3	15,000*				70
75	19.7	208.1	8,300*	46.5	231.9	13,100*				75
80				39.8	226.3	11,200*				80
85				31.9	219.0	9,700*				85
90				21.4	208.5	8,500*				90
105							57.5	229.6	15,000*	105
110							52.0	225.9	15,000*	110
115							45.9	221.4	13,400*	115
120							39.1	215.6	11,400*	120
125							31.0	208.2	9,600	125
130							20.1	197.1	7,700	130

Liftcrane Luffing Jib Intermediate Fall Capacities

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Fixed Jib No. 138 At 3 Degree Offset Angle On
Luffing Jib No. 135 On Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
360 Degree Rating

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180 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	72.4	248.4	15,000*							35
40	67.6	246.4	15,000*							40
45	62.6	244.0	15,000*							45
50	57.4	240.9	15,000*							50
55	51.8	237.2	14,500*	68.2	245.3	15,000*				55
60	45.7	232.6	12,200*	63.3	242.9	15,000*				60
65	38.9	226.9	10,500*	58.1	239.9	15,000*				65
70	30.8	219.4	9,200*	52.5	236.3	15,000*				70
75	19.7	208.1	8,200*	46.5	231.9	12,700*				75
80				39.8	226.3	10,900*				80
85				31.9	219.0	9,500*				85
90				21.4	208.5	8,400*				90
105							57.5	229.6	15,000*	105
110							52.0	225.9	14,600	110
115							45.9	221.4	12,200	115
120							39.1	215.6	10,000	120
125							31.0	208.2	8,000	125
130							20.1	197.1	6,100	130

180 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	72.4	248.4	15,000*							35
40	67.6	246.4	15,000*							40
45	62.6	244.0	15,000*							45
50	57.4	240.9	15,000*							50
55	51.8	237.2	14,300*							68.2
60	45.7	232.6	12,200*	63.3	242.9	15,000*				60
65	38.9	226.9	10,600*	58.1	239.9	15,000*				65
70	30.8	219.4	9,300*	52.5	236.3	15,000*				70
75	19.7	208.1	8,300*	46.5	231.9	12,700*				75
80				39.8	226.3	10,900*				80
85				31.9	219.0	9,500*	57.5 52.0 45.9	229.6 225.9 221.4	15,000* 13,400 10,900	85
90				21.4	208.5	8,500*				90
105										105
110										110
115										115
120							39.1	215.6	8,700	120
125							31.0	208.2	6,600	125
130							20.1	197.1	4,600	130

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179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
360 Degree Rating

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190 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	72.8	258.5	15,000*							35
40	68.0	256.6	15,000*							40
45	63.0	254.1	15,000*							45
50	57.8	251.2	15,000*							50
55	52.2	247.5	15,000*	69.4	255.7	15,000*				55
60	46.1	243.0	13,500*	64.5	253.4	15,000*				60
65	39.4	237.3	11,600*	59.4	250.6	15,000*				65
70	31.4	230.0	10,100*	53.9	247.2	15,000*				70
75	20.7	219.1	8,900*	48.0	242.9	14,500*				75
80				41.5	237.7	12,300*				80
85				34.0	230.9	10,700*				85
90				24.4	221.5	9,300*				90
95				5.2	200.8	8,300*				95
110							55.8	237.9	15,000*	110
115							50.1	234.0	14,300	115
120							43.8	229.1	12,300	120
125							36.7	222.9	10,400	125
130							28.0	214.6	8,600	130
135							15.1	201.2	6,800	135

190 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	72.8	258.5	15,000*	69.4	255.7	15,000*				35
40	68.0	256.6	15,000*							40
45	63.0	254.1	15,000*							45
50	57.8	251.2	15,000*							50
55	52.2	247.5	15,000*							55
60	46.1	243.0	12,800*	64.5	253.4	15,000*				60
65	39.4	237.3	11,000*	59.4	250.6	15,000*				65
70	31.4	230.0	9,600*	53.9	247.2	15,000*				70
75	20.7	219.1	8,400*	48.0	242.9	13,800*				75
80				41.5	237.7	11,700*				80
85				34.0	230.9	10,100*	55.8 50.1	237.9 234.0	15,000* 13,500	85
90				24.4	221.5	8,900*				90
95				5.2	200.8	7,900*				95
110										110
115										115
120							43.8	229.1	11,400	120
125							36.7	222.9	9,400	125
130							28.0	214.6	7,600	130
135							15.1	201.2	5,800	135

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190 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	72.8	258.5	15,000*							35
40	68.0	256.6	15,000*							40
45	63.0	254.1	15,000*							45
50	57.8	251.2	15,000*							50
55	52.2	247.5	14,700*	69.4	255.7	15,000*				55
60	46.1	243.0	12,500*	64.5	253.4	15,000*				60
65	39.4	237.3	10,700*	59.4	250.6	15,000*				65
70	31.4	230.0	9,400*	53.9	247.2	15,000*				70
75	20.7	219.1	8,300*	48.0	242.9	13,400*				75
80				41.5	237.7	11,400*				80
85				34.0	230.9	9,900*				85
90				24.4	221.5	8,700*				90
95				5.2	200.8	7,800*				95
110							55.8	237.9	14,400	110
115							50.1	234.0	12,100	115
120							43.8	229.1	9,900	120
125							36.7	222.9	7,900	125
130							28.0	214.6	6,000	130
135							15.1	201.2	4,200	135

190 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	72.8	258.5	15,000*							35
40	68.0	256.6	15,000*							40
45	63.0	254.1	15,000*							45
50	57.8	251.2	15,000*							50
55	52.2	247.5	14,600*	69.4	255.7	15,000*				55
60	46.1	243.0	12,400*	64.5	253.4	15,000*				60
65	39.4	237.3	10,700*	59.4	250.6	15,000*				65
70	31.4	230.0	9,400*	53.9	247.2	15,000*				70
75	20.7	219.1	8,400*	48.0	242.9	13,300*				75
80				41.5	237.7	11,400*				80
85				34.0	230.9	9,900*				85
90				24.4	221.5	8,800*				90
95				5.2	200.8	7,900*				95
110							55.8	237.9	13,300	110
115							50.1	234.0	10,800	115
120							43.8	229.1	8,600	120
125							36.7	222.9	6,500	125
130							28.0	214.6	4,600	130

Liftcrane Luffing Jib Intermediate Fall Capacities

888 SERIES 2

Fixed Jib No. 138 At 3 Degree Offset Angle On
Luffing Jib No. 135 On Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
360 Degree Rating

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

200 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds	
35	73.1	268.6	15,000*							35
40	68.3	266.7	15,000*							40
45	63.3	264.3	15,000*							45
50	58.1	261.4	15,000*							50
55	52.6	257.8	15,000*	70.6	266.1	15,000*				55
60	46.6	253.3	13,700*	65.7	264.0	15,000*				60
65	39.9	247.8	11,800*	60.6	261.3	15,000*				65
70	32.0	240.6	10,300*	55.3	258.0	15,000*				70
75	21.6	230.1	9,000*	49.5	254.0	15,000*				75
80				43.2	249.0	13,000*				80
85				35.9	242.7	11,200*				85
90				27.0	234.1	9,700*				90
95				13.1	219.5	8,600*				95
115							54.1	246.1	14,100	115
120							48.2	241.9	12,000	120
125							41.7	236.7	10,100	125
130							34.2	230.0	8,400	130
135							24.7	220.7	6,700	135
140							6.6	201.2	5,000	140

200 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. - 60 Ft. Fixed Jib

Int. Fall Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. Feet			
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall					
		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds		Elev. Feet	Capacity Pounds				
35	73.1	268.6	15,000*							35			
40	68.3	266.7	15,000*							40			
45	63.3	264.3	15,000*							45			
50	58.1	261.4	15,000*							50			
55	52.6	257.8	15,000*							55			
60	46.6	253.3	13,000*	65.7	264.0	15,000*				60			
65	39.9	247.8	11,200*	60.6	261.3	15,000*				65			
70	32.0	240.6	9,700*	55.3	258.0	15,000*				70			
75	21.6	230.1	8,500*	49.5	254.0	14,500*				75			
80				43.2	249.0	12,300*				80			
85				35.9	242.7	10,600*				85			
90				27.0	234.1	9,200*				90			
95				13.1	219.5	8,200*				95			
115										54.1	246.1	13,300	115
120										48.2	241.9	11,200	120
125							41.7	236.7	9,300	125			
130							34.2	230.0	7,500	130			
135							24.7	220.7	5,800	135			
140							6.6	201.2	4,000	140			