



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
135,000 Lb. Hanging Counterweight
360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 4,800 Lb. minimum block weight.

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum luffing jib capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging or traveling. Exit MAX-ER mode before operating without hanging counterweight.

Upper luffing jib point capacity for liftcrane service with single part whip line is 30,000 Lbs. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacities. Whip line operation is not allowed where minimum luffing jib capacity to swing and travel exceeds 30,000 Lbs. for single part line.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and luffing jib point sheaves, is considered part of luffing jib load. 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 in a level position on a firm uniformly supporting surface with gantry and mast up. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 176153**, **No. 177334** or **No. 192108**, Wire Rope Specification chart **No. 7581-H**, Counterweight Arrangement chart **No. 7692-A** or **No. 8026-A** and Luffing Jib Raising Procedure chart **No. 7728-A**. 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. 7759-A**.

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.

LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with MAX-ER 225, 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 130 Ft. mast, 8 part boom hoist reeving, four 1-1/2 in. boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, 169,200 Lb. (2250) crane counterweight or 167,000 Lb. (M-250) crane counterweight, two 30,000 Lb. carbody counterweights and 135,000 Lb. hanging counterweight.

WARNING: Check amount of hanging counterweight on machine before use of this chart. Refer to Counterweight Assembly.

Consult chart **No. 7752-A** for lifting off lower boom point with luffing jib attached.



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 60,000 Lb. Carbody Counterweight
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 360 Degree Rating

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MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	64.8	213.8	111,800 b	174,800 * b	67.0	213.8	90,200 b	180,000 * b									55
60	60.2	211.1	100,200 b	148,200 * b	62.4	211.3	81,800 b	159,700 * b									60
65	55.3	207.8	90,600 b	128,400 * b	57.6	208.3	74,700 b	137,100 * b									65
70	50.0	203.9	82,500	113,000 *	52.6	204.6	68,600	119,800 *									70
75																	75
80					47.1	200.3	63,300	106,200 *	59.6	206.8	55,900 b	145,800 * b					80
85					41.1	194.9	58,700	95,200 *	54.7	203.4	51,800	126,500 *					85
90					34.2	188.2	54,500	86,100 *	49.4	199.4	48,100	111,600 *					90
95					25.8	179.2	50,800	78,400 *	43.7	194.5	44,900	99,500 *	56.5	200.9	38,800 b	131,600 b	95
100					12.6	163.9	47,300	71,900 *	37.3	188.4	41,900	89,700 *	51.4	197.1	36,300	116,600 *	100
105									29.6	180.5	39,200	81,500 *	45.8	192.5	33,900	103,600 *	105
110									19.3	169.0	36,700	74,500 *	39.7	186.9	31,800	93,100 *	110
115													32.6	179.8	29,800	84,300 *	115
120													23.5	170.0	27,900	77,000 *	120
125													6.5	149.8	26,000	70,600 *	125



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	68.2	224.8	111,500 b	173,200 *b													55
60	64.2	222.5	99,800 b	149,100 *b													60
65	60.1	219.8	90,200	129,100 *	66.1	222.5	81,100 b	160,800 *b									65
70	55.9	216.5	82,100	113,500 *	62.1	220.0	74,100 b	137,900 *b									70
75	51.4	212.7	75,200	101,200 *	57.9	217.0	68,000	120,400 *									75
80					53.5	213.4	62,800	106,700 *									80
85					48.9	209.3	58,100	95,600 *	59.7	215.5	51,100	127,300 *					85
90					43.8	204.3	54,100	86,400 *	55.4	212.2	47,400	112,100 *					90
95					38.3	198.4	50,400	78,700 *	50.9	208.3	44,200	100,000 *					95
100					31.9	191.1	47,100	72,100 *	46.0	203.7	41,300	90,100 *	57.0	209.6	35,400	117,200 *	100
105					24.0	181.3	44,100	66,500 *	40.7	198.2	38,600	81,800 *	52.5	205.9	33,100	104,100 *	105
110					11.7	164.9	41,200	61,500 *	34.7	191.6	36,200	74,800 *	47.8	201.6	31,000	93,500 *	110
115									27.6	183.0	34,000	68,800 *	42.7	196.5	29,100	84,700 *	115
120									18.0	170.5	31,900	63,500 *	37.0	190.3	27,300	77,200 *	120
125													30.3	182.5	25,700	70,900 *	125
130													21.9	171.9	24,100	65,400 *	130
135													6.0	150.3	22,400	60,500 *	135



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	70.7	235.6	111,200 b	161,100 *b													55
60	67.3	233.6	99,500 b	149,800 *b													60
65	63.8	231.2	89,900	129,600 *													65
70	60.1	228.4	81,800	114,000 *	65.4	231.2	73,500 b	138,500 *b									70
75	56.4	225.2	74,900	101,500 *	61.9	228.6	67,500	120,900 *									75
80					58.2	225.6	62,300	107,100 *									80
85					54.3	222.2	57,700	95,900 *									85
90					50.2	218.2	53,600	86,600 *	59.7	224.1	46,900	112,500 *					90
95					45.9	213.6	50,000	78,900 *	55.9	220.9	43,700	100,300 *					95
100					41.2	208.1	46,800	72,300 *	51.9	217.1	40,800	90,400 *					100
105					36.0	201.7	43,800	66,600 *	47.7	212.8	38,200	82,000 *	57.3	218.3	32,500	104,500 *	105
110					30.0	193.7	41,100	61,600 *	43.2	207.7	35,800	75,000 *	53.4	214.7	30,500	93,800 *	110
115					22.6	183.2	38,700	57,200 *	38.2	201.7	33,600	68,900 *	49.3	210.6	28,600	84,900 *	115
120					11.0	165.8	36,300	53,300 *	32.6	194.5	31,600	63,700 *	44.9	205.8	26,800	77,400 *	120
125									25.9	185.3	29,800	59,000 *	40.1	200.2	25,200	71,000 *	125
130									16.9	172.0	28,000	55,000 *	34.7	193.4	23,700	65,500 *	130
135													28.5	185.0	22,300	60,700 *	135
140													20.6	173.7	21,000	56,400 *	140
145													5.6	150.7	19,600	52,600 *	145



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
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 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	69.7	244.4	99,100 b	141,100 *b													60
65	66.6	242.3	89,500	130,700 *													65
70	63.4	239.9	81,400	114,800 *													70
75	60.1	237.1	74,500	102,100 *	64.9	239.9	66,800	121,800 *									75
80	56.7	233.9	68,500	91,700 *	61.7	237.3	61,600	107,700 *									80
85					58.3	234.3	57,100	96,400 *									85
90					54.9	230.9	53,000	87,000 *									90
95					51.3	227.0	49,400	79,100 *	59.7	232.8	42,900	100,900 *					95
100					47.4	222.6	46,200	72,400 *	56.3	229.6	40,000	90,700 *					100
105					43.4	217.6	43,300	66,700 *	52.8	225.9	37,500	82,300 *					105
110					38.9	211.7	40,600	61,600 *	49.1	221.8	35,100	75,100 *	57.6	226.9	29,600	94,200 *	110
115					34.0	204.8	38,200	57,200 *	45.1	217.0	33,000	69,000 *	54.1	223.5	27,800	85,200 *	115
120					28.4	196.3	36,000	53,300 *	40.8	211.5	31,000	63,700 *	50.4	219.5	26,100	77,600 *	120
125					21.4	185.1	33,900	49,800 *	36.2	205.0	29,200	59,000 *	46.6	214.9	24,500	71,200 *	125
130					10.4	166.6	31,800	46,600 *	30.9	197.3	27,500	54,900 *	42.4	209.7	23,000	65,600 *	130
135									24.5	187.4	25,900	51,300 *	37.9	203.6	21,700	60,700 *	135
140									16.0	173.3	24,400	48,000 *	32.9	196.4	20,400	56,400 *	140
145													27.0	187.4	19,200	52,600 *	145
150													19.5	175.4	18,000	49,200 *	150
155													5.2	151.1	16,700	46,000 *	155



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Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	68.8	253.1	89,000	130,300 *													65
70	66.0	251.0	80,900	117,400 *													70
75	63.1	248.5	74,000	104,300 *	67.3	250.9	66,200	124,600 *									75
80	60.1	245.8	68,100	93,700 *	64.5	248.6	61,000	110,200 *									80
85	57.0	242.6	62,900	84,900 *	61.5	245.9	56,400	98,500 *									85
90					58.5	243.0	52,400	88,900 *									90
95					55.4	239.6	48,800	80,800 *	62.8	244.3	42,200	103,100 *					95
100					52.1	235.9	45,600	74,000 *	59.8	241.5	39,400	92,700 *					100
105					48.7	231.6	42,700	68,100 *	56.7	238.3	36,800	84,100 *					105
110					45.1	226.8	40,100	63,000 *	53.5	234.7	34,500	76,800 *					110
115					41.2	221.4	37,700	58,500 *	50.1	230.7	32,400	70,500 *	57.8	235.6	27,100	87,100 *	115
120					37.0	215.1	35,500	54,500 *	46.6	226.1	30,400	65,100 *	54.6	232.2	25,400	79,300 *	120
125					32.4	207.7	33,500	50,900 *	42.9	221.0	28,600	60,300 *	51.4	228.3	23,800	72,700 *	125
130					27.0	198.7	31,600	47,700 *	38.8	215.0	27,000	56,100 *	47.9	224.0	22,400	67,000 *	130
135					20.3	186.9	29,800	44,800 *	34.4	208.1	25,500	52,400 *	44.2	219.0	21,100	62,000 *	135
140					9.9	167.5	28,000	41,700 *	29.4	199.9	24,000	49,000 *	40.3	213.4	19,800	57,600 *	140
145									23.4	189.5	22,600	46,000 *	36.0	206.9	18,600	53,700 *	145
150									15.2	174.6	21,300	43,300 *	31.3	199.2	17,500	50,200 *	150
155													25.7	189.7	16,500	47,100 *	155
160													18.5	177.0	15,500	44,200 *	160
165													5.0	151.5	14,300	41,600 *	165



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
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 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
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MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	70.7	263.8	88,500	121,900 *													65
70	68.1	261.9	80,400	117,100 *													70
75	65.5	259.7	73,500	104,000 *													75
80	62.8	257.2	67,600	93,400 *	66.7	259.6	60,300	109,900 *									80
85	60.1	254.4	62,400	84,600 *	64.1	257.2	55,800	98,200 *									85
90	57.3	251.3	57,800	77,100 *	61.4	254.6	51,800	88,600 *									90
95					58.6	251.6	48,200	80,500 *									95
100					55.8	248.3	45,000	73,600 *	62.5	252.9	38,600	92,400 *					100
105					52.8	244.7	42,100	67,700 *	59.8	250.1	36,100	83,700 *					105
110					49.7	240.6	39,500	62,600 *	57.0	247.0	33,800	76,400 *					110
115					46.5	236.0	37,100	58,000 *	54.0	243.4	31,700	70,100 *					115
120					43.0	230.8	35,000	54,000 *	51.0	239.5	29,800	64,700 *	58.0	244.3	24,600	78,900 *	120
125					39.4	225.0	33,000	50,500 *	47.8	235.2	28,000	59,900 *	55.1	240.9	23,100	72,300 *	125
130					35.4	218.3	31,100	47,300 *	44.5	230.2	26,400	55,700 *	52.1	237.1	21,700	66,600 *	130
135					30.9	210.4	29,400	44,400 *	40.9	224.7	24,800	51,900 *	49.0	232.9	20,300	61,600 *	135
140					25.8	200.9	27,800	41,800 *	37.1	218.4	23,400	48,600 *	45.7	228.2	19,100	57,200 *	140
145					19.4	188.6	26,200	39,400 *	32.9	211.1	22,100	45,600 *	42.2	222.9	18,000	53,300 *	145
150					9.4	168.3	24,700	36,800 *	28.1	202.4	20,900	42,900 *	38.5	216.9	16,900	49,800 *	150
155									22.3	191.4	19,700	40,400 *	34.4	210.0	15,900	46,700 *	155
160									14.5	175.9	18,500	38,100 *	29.9	201.9	14,900	43,800 *	160
165													24.5	191.9	14,000	41,300 *	165
170													17.7	178.5	13,100	38,900 *	170
175													4.7	151.8	12,100	36,700 *	175



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
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MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	69.9	272.6	80,200	109,000 *													70
75	67.5	270.6	73,300	105,000 *													75
80	65.1	268.4	67,400	94,100 *													80
85	62.6	265.9	62,200	85,100 *	66.2	268.3	55,500	99,000 *									85
90	60.1	263.1	57,600	77,500 *	63.8	265.9	51,500	89,200 *									90
95					61.3	263.3	47,900	81,000 *									95
100					58.7	260.3	44,700	74,000 *									100
105					56.1	257.0	41,900	68,000 *	62.3	261.6	35,800	84,300 *					105
110					53.4	253.4	39,300	62,800 *	59.8	258.8	33,500	76,800 *					110
115					50.6	249.4	36,900	58,200 *	57.2	255.6	31,400	70,500 *					115
120					47.6	245.0	34,700	54,200 *	54.5	252.2	29,500	64,900 *					120
125					44.5	240.1	32,700	50,600 *	51.7	248.4	27,700	60,100 *					125
130					41.3	234.6	30,900	47,300 *	48.9	244.1	26,100	55,800 *	55.5	249.6	21,400	66,900 *	130
135					37.7	228.4	29,200	44,400 *	45.8	239.4	24,600	52,100 *	52.8	245.9	20,000	61,800 *	135
140					33.9	221.3	27,600	41,800 *	42.6	234.2	23,200	48,700 *	49.9	241.8	18,800	57,400 *	140
145					29.7	213.1	26,100	39,400 *	39.2	228.3	21,900	45,600 *	46.9	237.3	17,700	53,400 *	145
150					24.8	203.1	24,700	37,200 *	35.6	221.6	20,700	42,900 *	43.8	232.3	16,600	49,900 *	150
155					18.6	190.2	23,400	35,100 *	31.5	213.9	19,500	40,400 *	40.5	226.7	15,600	46,700 *	155
160					9.0	169.0	22,000	32,900 *	26.9	204.8	18,400	38,100 *	36.9	220.3	14,700	43,900 *	160
165									21.4	193.3	17,400	36,000 *	33.0	213.0	13,800	41,300 *	165
170									13.9	177.1	16,400	34,000 *	28.7	204.4	13,000	38,900 *	170
175													23.5	194.0	12,200	36,700 *	175
180													17.0	180.0	11,400	34,700 *	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	69.2	281.4	72,800	98,600 *													75
80	67.0	279.4	66,900	93,700 *													80
85	64.7	277.1	61,700	84,700 *													85
90	62.4	274.5	57,100	77,100 *	65.8	277.0	50,800	88,800 *									90
95					63.5	274.6	47,300	80,600 *									95
100					61.2	271.9	44,100	73,600 *									100
105					58.8	269.0	41,200	67,600 *									105
110					56.4	265.7	38,700	62,400 *	62.2	270.3	32,800	76,400 *					110
115					53.9	262.2	36,300	57,800 *	59.8	267.4	30,700	70,000 *					115
120					51.3	258.3	34,100	53,700 *	57.4	264.3	28,800	64,500 *					120
125					48.6	254.0	32,200	50,100 *	54.9	260.9	27,000	59,700 *					125
130					45.8	249.3	30,300	46,900 *	52.4	257.2	25,400	55,400 *					130
135					42.8	244.0	28,700	44,000 *	49.7	253.0	23,900	51,600 *	55.8	258.3	19,300	61,400 *	135
140					39.7	238.2	27,100	41,300 *	47.0	248.5	22,600	48,200 *	53.3	254.7	18,100	56,900 *	140
145					36.3	231.7	25,600	38,900 *	44.1	243.5	21,300	45,200 *	50.7	250.7	17,000	52,900 *	145
150					32.6	224.3	24,200	36,700 *	41.0	237.9	20,100	42,400 *	48.0	246.3	15,900	49,400 *	150
155					28.6	215.6	22,900	34,700 *	37.7	231.7	18,900	39,900 *	45.1	241.5	14,900	46,300 *	155
160					23.8	205.2	21,700	32,800 *	34.2	224.7	17,900	37,600 *	42.1	236.2	14,000	43,400 *	160
165					17.9	191.8	20,500	31,100 *	30.3	216.6	16,900	35,500 *	38.9	230.2	13,200	40,800 *	165
170					8.7	169.7	19,300	29,200 *	25.9	207.1	15,900	33,600 *	35.5	223.5	12,300	38,500 *	170
175									20.6	195.1	15,000	31,800 *	31.8	215.8	11,500	36,300 *	175
180									13.4	178.2	14,000	30,100 *	27.6	206.9	10,800	34,300 *	180
190													16.4	181.4	9,400	30,700 *	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	68.6	290.2	66,300	91,900 *													80
85	66.5	288.1	61,100	85,600 *													85
90	64.4	285.8	56,600	77,900 *	67.5	288.0	50,200	89,700 *									90
95	62.3	283.2	52,500	71,300 *	65.4	285.7	46,700	81,400 *									95
100	60.1	280.4	48,900	65,600 *	63.3	283.3	43,500	74,300 *									100
105					61.1	280.6	40,600	68,200 *									105
110					58.9	277.6	38,100	62,900 *									110
115					56.6	274.4	35,700	58,300 *	62.0	278.9	30,000	70,700 *					115
120					54.3	270.9	33,600	54,200 *	59.8	276.1	28,200	65,100 *					120
125					51.9	267.1	31,600	50,500 *	57.6	273.0	26,400	60,200 *					125
130					49.4	262.9	29,800	47,200 *	55.3	269.6	24,800	55,800 *					130
135					46.8	258.4	28,100	44,300 *	52.9	265.9	23,300	52,000 *					135
140					44.1	253.4	26,500	41,600 *	50.5	261.9	22,000	48,600 *	56.1	267.0	17,400	57,400 *	140
145					41.3	247.8	25,100	39,100 *	47.9	257.5	20,700	45,500 *	53.8	263.5	16,300	53,400 *	145
150					38.3	241.7	23,700	36,900 *	45.3	252.7	19,500	42,700 *	51.3	259.6	15,300	49,800 *	150
155					35.0	234.9	22,400	34,900 *	42.5	247.4	18,400	40,200 *	48.8	255.3	14,300	46,600 *	155
160					31.5	227.1	21,200	33,000 *	39.5	241.6	17,300	37,800 *	46.2	250.6	13,400	43,700 *	160
165					27.5	218.1	20,100	31,200 *	36.4	235.0	16,300	35,700 *	43.5	245.5	12,600	41,100 *	165
170					23.0	207.3	19,000	29,600 *	33.0	227.7	15,400	33,800 *	40.6	239.9	11,700	38,700 *	170
175					17.3	193.3	18,000	28,100 *	29.3	219.2	14,500	32,000 *	37.6	233.6	11,000	36,500 *	175
180					8.4	170.4	16,900	25,100 *	25.0	209.3	13,600	30,300 *	34.3	226.6	10,200	34,500 *	180
190									12.9	179.3	12,000	27,300 *	26.6	209.2	8,900	30,900 *	190
200													15.8	182.8	7,600	27,800 *	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	68.1	299.0	60,600	82,200 *													85
90	66.1	296.8	56,100	78,200 *													90
95	64.1	294.4	52,000	71,500 *	67.0	296.7	46,000	80,700 *									95
100	62.1	291.9	48,400	65,700 *	65.1	294.4	42,900	74,600 *									100
105	60.1	289.1	45,200	60,700 *	63.1	291.9	40,000	68,400 *									105
110					61.0	289.2	37,400	63,000 *									110
115					59.0	286.3	35,100	58,300 *									115
120					56.8	283.1	33,000	54,100 *	61.9	287.6	27,500	65,200 *					120
125					54.7	279.6	31,000	50,400 *	59.8	284.8	25,700	60,200 *					125
130					52.4	275.9	29,200	47,000 *	57.7	281.7	24,100	55,800 *					130
135					50.1	271.8	27,500	44,000 *	55.6	278.3	22,700	51,900 *					135
140					47.7	267.4	26,000	41,300 *	53.4	274.7	21,300	48,400 *					140
145					45.2	262.6	24,500	38,900 *	51.1	270.8	20,000	45,300 *	56.4	275.7	15,600	53,300 *	145
150					42.6	257.3	23,200	36,600 *	48.7	266.5	18,800	42,500 *	54.2	272.2	14,600	49,700 *	150
155					39.9	251.5	21,900	34,500 *	46.3	261.8	17,700	39,900 *	51.9	268.4	13,600	46,400 *	155
160					37.0	245.1	20,700	32,600 *	43.7	256.7	16,700	37,500 *	49.6	264.2	12,700	43,500 *	160
165					33.9	237.9	19,600	30,900 *	41.1	251.2	15,700	35,400 *	47.2	259.7	11,900	40,800 *	165
170					30.4	229.8	18,500	29,200 *	38.2	245.0	14,800	33,400 *	44.7	254.8	11,100	38,400 *	170
175					26.6	220.5	17,500	27,700 *	35.2	238.2	13,900	31,600 *	42.0	249.4	10,300	36,200 *	175
180					22.2	209.2	16,600	26,300 *	31.9	230.5	13,100	29,900 *	39.3	243.5	9,600	34,100 *	180
190					8.1	171.1	14,600	22,300 *	24.2	211.4	11,500	26,900 *	33.1	229.6	8,200	30,500 *	190
200									12.5	180.4	10,000	24,200 *	25.7	211.5	7,000	27,400 *	200
210													15.3	184.1	5,800	24,700 *	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	67.6	307.7	55,800	75,000 *													90
95	65.8	305.5	51,700	71,200 *													95
100	63.9	303.1	48,100	65,400 *	66.6	305.4	42,500	73,200 *									100
105	62.0	300.5	44,900	60,400 *	64.8	303.1	39,700	68,100 *									105
110					62.9	300.6	37,100	62,700 *									110
115					61.0	297.9	34,800	58,000 *									115
120					59.0	295.0	32,600	53,800 *									120
125					57.0	291.8	30,700	50,100 *	61.8	296.3	25,400	59,900 *					125
130					55.0	288.4	28,800	46,700 *	59.9	293.4	23,800	55,500 *					130
135					52.9	284.7	27,200	43,800 *	57.9	290.3	22,300	51,600 *					135
140					50.7	280.7	25,600	41,000 *	55.9	287.0	20,900	48,100 *					140
145					48.5	276.3	24,200	38,600 *	53.8	283.4	19,700	45,000 *					145
150					46.2	271.7	22,900	36,300 *	51.6	279.6	18,500	42,200 *	56.6	284.4	14,200	49,400 *	150
155					43.8	266.6	21,600	34,200 *	49.5	275.4	17,400	39,600 *	54.5	280.9	13,300	46,100 *	155
160					41.3	261.1	20,400	32,300 *	47.2	270.9	16,400	37,200 *	52.4	277.2	12,400	43,200 *	160
165					38.6	255.0	19,300	30,600 *	44.8	266.0	15,400	35,100 *	50.2	273.1	11,500	40,500 *	165
170					35.8	248.3	18,300	28,900 *	42.4	260.6	14,500	33,100 *	48.0	268.7	10,700	38,100 *	170
175					32.8	240.9	17,300	27,400 *	39.8	254.8	13,600	31,300 *	45.7	263.9	10,000	35,900 *	175
180					29.5	232.5	16,300	26,000 *	37.0	248.4	12,800	29,600 *	43.3	258.8	9,300	33,800 *	180
190					21.6	211.1	14,600	23,400 *	30.9	233.3	11,300	26,600 *	38.0	246.9	8,000	30,200 *	190
200					7.8	171.8	12,900	19,900 *	23.4	213.5	9,900	24,000 *	32.1	232.5	6,800	27,100 *	200
210									12.1	181.4	8,500	21,600 *	24.9	213.7	5,700	24,400 *	210
220													14.8	185.4	4,600	22,000 *	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 180 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	66.3	314.1	39,000	65,300 *									105
110	64.5	311.8	36,500	62,200 *									110
115	62.7	309.3	34,100	57,400 *									115
120	60.9	306.6	32,000	53,300 *									120
125	59.1	303.6	30,000	49,500 *									125
130	57.2	300.5	28,200	46,200 *	61.7	304.9	23,100	55,000 *					130
135	55.3	297.1	26,600	43,200 *	59.9	302.1	21,600	51,100 *					135
140	53.3	293.4	25,000	40,500 *	58.0	299.0	20,300	47,600 *					140
145	51.3	289.5	23,600	38,000 *	56.1	295.7	19,000	44,500 *					145
150	49.2	285.3	22,300	35,800 *	54.1	292.2	17,800	41,600 *					150
155	47.1	280.7	21,000	33,700 *	52.1	288.4	16,700	39,100 *	56.8	293.1	12,500	45,600 *	155
160	44.8	275.8	19,900	31,800 *	50.1	284.3	15,700	36,700 *	54.8	289.6	11,700	42,600 *	160
165	42.5	270.5	18,800	30,000 *	48.0	279.9	14,800	34,600 *	52.9	285.9	10,800	40,000 *	165
170	40.1	264.7	17,700	28,400 *	45.8	275.1	13,800	32,600 *	50.8	281.9	10,000	37,600 *	170
175	37.5	258.4	16,700	26,900 *	43.5	270.0	13,000	30,800 *	48.7	277.7	9,300	35,300 *	175
180	34.8	251.5	15,800	25,500 *	41.1	264.4	12,200	29,100 *	46.6	273.0	8,600	33,300 *	180
190	28.6	235.0	14,100	22,900 *	35.9	251.7	10,700	26,100 *	42.0	262.6	7,300	29,700 *	190
200	20.9	212.9	12,500	20,600 *	30.0	236.0	9,300	23,400 *	36.9	250.3	6,100	26,600 *	200
210	7.6	172.4	10,900	17,500 *	22.7	215.5	8,000	21,100 *	31.2	235.3	5,000	23,900 *	210
220					11.7	182.4	6,800	19,000 *	24.2	215.9	4,000	21,500 *	220
230									14.4	186.6	3,100	19,400 *	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	67.6	325.0	38,500	61,100 *									105
110	66.0	322.9	35,900	58,600 *									110
115	64.3	320.5	33,600	56,000 *									115
120	62.6	317.9	31,400	52,800 *									120
125	60.9	315.2	29,500	49,100 *									125
130	59.1	312.3	27,700	45,700 *									130
135	57.4	309.1	26,000	42,700 *	61.6	313.6	21,000	50,600 *					135
140	55.5	305.8	24,500	40,000 *	59.9	310.7	19,700	47,100 *					140
145	53.7	302.2	23,100	37,500 *	58.1	307.7	18,400	44,000 *					145
150	51.8	298.3	21,700	35,300 *	56.3	304.4	17,300	41,100 *					150
155	49.8	294.2	20,500	33,200 *	54.5	300.9	16,200	38,600 *					155
160	47.8	289.7	19,300	31,300 *	52.6	297.2	15,200	36,200 *	57.0	301.8	11,000	42,100 *	160
165	45.7	285.0	18,200	29,500 *	50.6	293.1	14,200	34,100 *	55.1	298.4	10,200	39,500 *	165
170	43.6	279.8	17,200	27,900 *	48.6	288.8	13,300	32,100 *	53.3	294.7	9,400	37,100 *	170
175	41.3	274.3	16,200	26,400 *	46.6	284.2	12,400	30,300 *	51.3	290.8	8,700	34,800 *	175
180	38.9	268.3	15,300	25,000 *	44.5	279.2	11,600	28,600 *	49.4	286.6	8,000	32,800 *	180
190	33.8	254.5	13,600	22,400 *	39.9	268.1	10,100	25,600 *	45.2	277.2	6,700	29,200 *	190
200	27.9	237.5	12,100	20,200 *	34.9	254.8	8,800	22,900 *	40.8	266.4	5,600	26,100 *	200
210	20.4	214.7	10,600	18,100 *	29.2	238.6	7,600	20,600 *	35.9	253.5	4,500	23,400 *	210
220	7.4	173.0	9,200	15,300 *	22.1	217.4	6,400	18,600 *	30.3	238.0	3,500	21,000 *	220
230					11.4	183.4	5,300	16,700 *	23.5	217.9	2,600	18,900 *	230
240									14.0	187.8	1,700	17,100 *	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

140 Ft. Boom, 200 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	67.2	333.8	35,300	52,400 *									110
115	65.7	331.6	33,000	50,000 *									115
120	64.1	329.2	30,900	47,600 *									120
125	62.5	326.6	28,900	45,300 *									125
130	60.8	323.9	27,100	43,100 *									130
135	59.2	320.9	25,500	40,900 *									135
140	57.5	317.8	23,900	38,900 *	61.5	322.2	19,000	43,800 *					140
145	55.8	314.5	22,500	36,900 *	59.9	319.4	17,800	41,700 *					145
150	54.0	310.9	21,200	35,000 *	58.2	316.4	16,600	39,700 *					150
155	52.2	307.1	19,900	33,000 *	56.5	313.1	15,500	37,700 *					155
160	50.4	303.0	18,800	31,100 *	54.7	309.6	14,500	35,800 *					160
165	48.5	298.7	17,700	29,300 *	53.0	305.9	13,600	33,900 *	57.1	310.5	9,500	38,100 *	165
170	46.5	294.1	16,600	27,600 *	51.1	302.0	12,700	31,900 *	55.4	307.1	8,700	36,300 *	170
175	44.5	289.1	15,700	26,100 *	49.3	297.8	11,800	30,100 *	53.6	303.5	8,000	34,500 *	175
180	42.4	283.7	14,800	24,700 *	47.3	293.2	11,000	28,300 *	51.8	299.6	7,300	32,600 *	180
190	37.9	271.7	13,100	22,100 *	43.3	283.2	9,500	25,300 *	48.0	291.1	6,000	29,000 *	190
200	32.9	257.5	11,500	19,800 *	38.9	271.6	8,200	22,600 *	44.0	281.3	4,900	25,800 *	200
210	27.1	239.9	10,100	17,800 *	34.0	257.9	7,000	20,300 *	39.7	270.0	3,900	23,100 *	210
220	19.8	216.5	8,800	15,800 *	28.4	241.1	5,800	18,200 *	34.9	256.7	2,900	20,700 *	220
230	7.2	173.6	7,500	13,300 *	21.5	219.3	4,800	16,300 *	29.5	240.6	2,000	18,600 *	230
240					11.1	184.3	3,800	14,600 *	22.9	220.0	1,200	16,700 *	240
250									13.6	189.0	300	14,900 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	67.0	234.8	110,800 b	180,000 * b													55
60	62.5	232.4	99,300 b	160,100 * b													60
65	57.7	229.4	89,700 b	137,400 * b	65.6	232.8	79,500 b	180,000 * b									65
70	52.6	225.7	81,700	120,000 *	61.0	230.1	72,600 b	152,100 * b									70
75	47.2	221.4	74,800	106,400 *	56.1	226.9	66,700 b	131,300 * b									75
80	41.2	216.0	68,800	95,300 *	50.9	223.1	61,500	115,300 *									80
85	34.4	209.3	63,600	86,200 *	45.3	218.4	57,000	102,600 *	59.8	226.2	48,800 b	146,600 * b					85
90					39.1	212.7	53,000	92,200 *	54.9	222.9	45,400 b	127,100 * b					90
95					31.9	205.4	49,400	83,600 *	49.6	218.9	42,300	112,000 *					95
100					22.6	195.3	46,100	76,300 *	43.9	214.0	39,500	99,900 *					100
105									37.5	208.0	36,900	90,000 *	53.3	217.4	30,600	113,900	105
110									29.9	200.2	34,600	81,800 *	47.9	213.1	28,600	107,800	110
115									19.7	188.8	32,400	74,800 *	42.0	207.9	26,800	96,700 *	115
120													35.3	201.4	25,200	87,400 *	120
125													27.2	192.8	23,600	79,500 *	125
130													15.3	179.2	22,000	72,900 *	130



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	70.1	245.6	110,400 b	175,800 *b													55
60	66.2	243.5	98,900 b	161,200 *b													60
65	62.2	241.0	89,300 b	138,200 *b													65
70	58.0	238.0	81,300	120,700 *	64.9	241.4	71,900 b	153,100 *b									70
75	53.6	234.5	74,400	106,900 *	60.8	238.8	66,000 b	132,100 *b									75
80	49.0	230.4	68,500	95,700 *	56.6	235.6	60,900	115,900 *									80
85	43.9	225.5	63,300	86,500 *	52.1	231.9	56,400	103,100 *									85
90	38.4	219.5	58,700	78,800 *	47.4	227.6	52,500	92,600 *	59.8	234.9	44,600	127,900 *					90
95					42.2	222.4	48,900	83,900 *	55.5	231.6	41,500	112,600 *					95
100					36.5	216.0	45,700	76,600 *	51.0	227.8	38,700	100,400 *					100
105					29.7	208.1	42,800	70,300 *	46.2	223.2	36,300	90,400 *					105
110					21.1	197.1	40,100	64,900 *	40.9	217.8	34,000	82,100 *	54.2	226.1	27,800	107,100	110
115									34.9	211.1	31,900	75,000 *	49.6	222.1	26,000	97,200 *	115
120									27.9	202.6	30,000	69,000 *	44.6	217.3	24,400	87,700 *	120
125									18.4	190.4	28,100	63,700 *	39.1	211.5	22,900	79,800 *	125
130													32.9	204.4	21,500	73,100 *	130
135													25.3	195.1	20,200	67,300 *	135
140													14.2	180.4	18,900	62,300 *	140



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	69.0	254.4	98,500 b	154,900 * b													60
65	65.5	252.2	89,000 b	138,800 * b													65
70	61.9	249.7	80,900	121,200 *	67.9	252.4	71,300 b	152,700 * b									70
75	58.2	246.7	74,100	107,300 *	64.4	250.1	65,500 b	132,700 * b									75
80	54.3	243.3	68,200	96,000 *	60.7	247.4	60,400	116,400 *									80
85	50.3	239.3	63,000	86,800 *	57.0	244.3	55,900	103,400 *									85
90	45.9	234.7	58,500	79,000 *	53.1	240.7	52,000	92,900 *									90
95					48.9	236.5	48,500	84,100 *	59.8	243.6	40,900	113,000 *					95
100					44.5	231.7	45,300	76,800 *	56.1	240.3	38,200	100,700 *					100
105					39.7	226.0	42,500	70,500 *	52.1	236.6	35,700	90,700 *					105
110					34.3	219.1	39,900	65,000 *	47.9	232.3	33,500	82,300 *					110
115					27.9	210.6	37,500	60,200 *	43.4	227.2	31,500	75,200 *	54.9	234.9	25,400	97,500 *	115
120					19.8	198.8	35,200	56,000 *	38.4	221.3	29,600	69,100 *	50.8	231.0	23,800	88,000 *	120
125									32.8	214.1	27,800	63,800 *	46.5	226.4	22,400	80,000 *	125
130									26.2	205.0	26,200	59,200 *	41.9	221.1	21,000	73,300 *	130
135									17.3	191.9	24,600	55,100 *	36.8	214.9	19,800	67,500 *	135
140													30.9	207.2	18,600	62,400 *	140
145													23.8	197.2	17,400	57,900 *	145
150													13.4	181.6	16,300	54,000 *	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	68.1	263.2	88,500 b	136,100 *b													65
70	65.0	260.9	80,400	122,100 *													70
75	61.7	258.3	73,600	107,900 *	67.1	261.2	64,800	133,800 *									75
80	58.4	255.4	67,700	96,500 *	63.9	258.8	59,700	117,200 *									80
85	54.9	252.0	62,600	87,100 *	60.7	256.1	55,300	104,000 *									85
90	51.3	248.1	58,000	79,200 *	57.3	253.0	51,300	93,300 *									90
95	47.5	243.7	54,000	72,500 *	53.8	249.5	47,800	84,400 *									95
100					50.1	245.5	44,700	77,000 *	59.9	252.2	37,400	101,300 *					100
105					46.2	240.9	41,900	70,600 *	56.5	249.0	35,000	91,100 *					105
110					42.1	235.6	39,300	65,100 *	52.9	245.4	32,700	82,600 *					110
115					37.5	229.4	37,000	60,200 *	49.2	241.2	30,700	75,400 *					115
120					32.4	222.1	34,800	56,000 *	45.2	236.5	28,900	69,200 *	55.4	243.6	23,000	88,400 *	120
125					26.4	212.9	32,800	52,200 *	41.0	231.0	27,200	63,900 *	51.8	239.8	21,600	80,300 *	125
130					18.7	200.5	30,900	48,800 *	36.3	224.6	25,600	59,200 *	48.0	235.5	20,200	73,400 *	130
135									31.1	216.9	24,100	55,100 *	44.0	230.5	19,000	67,500 *	135
140									24.8	207.1	22,700	51,400 *	39.6	224.8	17,800	62,400 *	140
145									16.3	193.3	21,300	48,100 *	34.8	218.0	16,700	57,900 *	145
150													29.3	209.8	15,700	53,900 *	150
155													22.5	199.1	14,700	50,400 *	155
160													12.6	182.6	13,700	47,200 *	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	70.2	273.9	88,000	131,100 *													65
70	67.4	271.9	79,900	124,800 *													70
75	64.5	269.6	73,100	110,300 *													75
80	61.6	267.0	67,200	98,700 *	66.5	269.9	59,000	119,800 *									80
85	58.5	264.0	62,000	89,000 *	63.6	267.5	54,600	106,300 *									85
90	55.4	260.7	57,500	80,900 *	60.6	264.8	50,700	95,400 *									90
95	52.2	257.0	53,500	74,100 *	57.5	261.7	47,200	86,300 *									95
100	48.7	252.7	49,900	68,200 *	54.4	258.2	44,100	78,600 *	62.9	263.7	36,700	103,500 *					100
105	45.1	247.9	46,700	63,000 *	51.1	254.3	41,300	72,100 *	59.9	260.9	34,300	93,100 *					105
110	41.3	242.5	43,800	58,500 *	47.6	249.9	38,700	66,500 *	56.8	257.7	32,100	84,400 *					110
115					43.9	244.9	36,400	61,500 *	53.6	254.1	30,100	77,000 *					115
120					40.0	239.2	34,300	57,200 *	50.3	250.1	28,300	70,700 *					120
125					35.7	232.7	32,300	53,300 *	46.7	245.6	26,600	65,200 *	55.8	252.3	20,900	82,000 *	125
130					30.8	224.8	30,500	49,900 *	43.0	240.5	25,000	60,500 *	52.6	248.6	19,600	75,000 *	130
135					25.2	215.1	28,800	46,800 *	39.0	234.6	23,600	56,200 *	49.2	244.4	18,300	69,000 *	135
140					17.8	202.0	27,100	44,000 *	34.6	227.7	22,200	52,500 *	45.6	239.7	17,200	63,700 *	140
145									29.6	219.5	20,900	49,100 *	41.8	234.4	16,100	59,100 *	145
150									23.6	209.2	19,700	46,100 *	37.7	228.2	15,100	55,100 *	150
155									15.5	194.6	18,500	43,300 *	33.1	221.0	14,200	51,400 *	155
160													27.9	212.3	13,300	48,200 *	160
165													21.4	201.0	12,400	45,300 *	165
170													12.0	183.7	11,500	42,600 *	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	69.4	282.7	79,500	116,400 *													70
75	66.8	280.6	72,600	111,100 *													75
80	64.1	278.3	66,700	99,200 *													80
85	61.4	275.7	61,500	89,400 *	65.9	278.6	53,900	107,000 *									85
90	58.7	272.7	57,000	81,200 *	63.3	276.2	50,000	95,800 *									90
95	55.8	269.4	53,000	74,200 *	60.6	273.4	46,600	86,600 *									95
100	52.8	265.7	49,400	68,200 *	57.8	270.4	43,500	78,800 *									100
105	49.8	261.6	46,200	63,000 *	54.9	267.0	40,700	72,200 *	62.6	272.3	33,500	93,500 *					105
110	46.5	257.1	43,300	58,400 *	51.9	263.1	38,100	66,500 *	59.9	269.5	31,400	84,600 *					110
115	43.1	251.9	40,700	54,400 *	48.7	258.9	35,800	61,500 *	57.1	266.4	29,400	77,200 *					115
120					45.4	254.2	33,700	57,100 *	54.2	262.9	27,500	70,800 *					120
125					41.9	248.8	31,800	53,200 *	51.1	259.0	25,900	65,200 *					125
130					38.2	242.7	30,000	49,700 *	48.0	254.6	24,300	60,400 *	56.2	261.0	18,800	75,100 *	130
135					34.1	235.7	28,300	46,600 *	44.6	249.7	22,900	56,100 *	53.2	257.4	17,600	69,000 *	135
140					29.5	227.5	26,700	43,700 *	41.1	244.2	21,600	52,300 *	50.2	253.3	16,500	63,700 *	140
145					24.0	217.3	25,200	41,200 *	37.2	238.0	20,300	48,900 *	47.0	248.8	15,400	59,000 *	145
150					17.0	203.5	23,800	38,800 *	33.0	230.7	19,200	45,900 *	43.6	243.8	14,400	54,900 *	150
155									28.2	222.0	18,000	43,100 *	39.9	238.0	13,500	51,300 *	155
160									22.5	211.2	17,000	40,600 *	36.0	231.5	12,600	48,000 *	160
165									14.9	195.9	15,900	38,300 *	31.6	223.8	11,800	45,000 *	165
170													26.6	214.6	11,000	42,400 *	170
175													20.5	202.8	10,300	39,900 *	175
180													11.5	184.6	9,500	37,600 *	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	68.7	291.5	72,400	105,500 *													75
80	66.3	289.4	66,500	99,100 *													80
85	63.8	287.0	61,300	89,300 *	67.9	289.5	53,600	104,200 *									85
90	61.3	284.3	56,800	81,100 *	65.5	287.3	49,700	95,800 *									90
95	58.8	281.4	52,800	74,100 *	63.0	284.8	46,300	86,500 *									95
100	56.1	278.1	49,200	68,100 *	60.5	282.1	43,200	78,700 *									100
105	53.4	274.5	46,000	62,900 *	57.9	279.0	40,400	72,100 *									105
110	50.6	270.5	43,100	58,300 *	55.3	275.7	37,900	66,400 *	62.4	281.0	31,000	84,600 *					110
115	47.7	266.1	40,500	54,200 *	52.5	271.9	35,600	61,300 *	59.9	278.2	29,100	77,100 *					115
120					49.7	267.8	33,500	56,900 *	57.3	275.1	27,200	70,700 *					120
125					46.7	263.3	31,500	53,000 *	54.6	271.6	25,600	65,100 *					125
130					43.5	258.2	29,700	49,600 *	51.8	267.8	24,000	60,300 *					130
135					40.2	252.5	28,100	46,400 *	49.0	263.6	22,600	56,000 *	56.5	269.7	17,300	68,900 *	135
140					36.6	246.1	26,600	43,600 *	45.9	258.9	21,300	52,200 *	53.8	266.1	16,200	63,600 *	140
145					32.7	238.7	25,100	41,000 *	42.8	253.7	20,100	48,800 *	51.0	262.2	15,100	58,900 *	145
150					28.3	230.0	23,800	38,700 *	39.4	247.8	18,900	45,700 *	48.1	257.8	14,200	54,800 *	150
155					23.1	219.3	22,500	36,500 *	35.7	241.2	17,900	43,000 *	45.0	253.0	13,300	51,100 *	155
160					16.3	204.9	21,200	34,500 *	31.7	233.5	16,800	40,500 *	41.7	247.6	12,400	47,900 *	160
165									27.1	224.4	15,900	38,200 *	38.3	241.5	11,600	44,900 *	165
170									21.6	213.1	14,900	36,100 *	34.5	234.6	10,800	42,200 *	170
175									14.2	197.1	14,000	34,100 *	30.3	226.5	10,100	39,800 *	175
180													25.5	216.9	9,400	37,500 *	180
190													11.0	185.5	8,000	33,500 *	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	70.3	302.2	71,800	98,800 *													75
80	68.1	300.3	65,900	95,600 *													80
85	65.8	298.1	60,800	88,900 *													85
90	63.6	295.7	56,300	80,700 *	67.3	298.3	49,000	94,400 *									90
95	61.2	293.0	52,300	73,700 *	65.1	296.0	45,600	86,100 *									95
100	58.9	290.0	48,700	67,600 *	62.8	293.5	42,500	78,300 *									100
105	56.4	286.8	45,500	62,400 *	60.5	290.7	39,700	71,700 *									105
110	53.9	283.3	42,600	57,800 *	58.1	287.7	37,200	65,900 *									110
115	51.3	279.4	40,000	53,800 *	55.6	284.4	34,900	60,900 *	62.3	289.7	28,300	76,700 *					115
120	48.6	275.1	37,600	50,200 *	53.1	280.7	32,800	56,500 *	59.9	286.9	26,500	70,200 *					120
125					50.5	276.7	30,900	52,600 *	57.5	283.8	24,900	64,700 *					125
130					47.7	272.3	29,100	49,100 *	55.0	280.3	23,300	59,800 *					130
135					44.9	267.4	27,500	46,000 *	52.5	276.6	21,900	55,500 *					135
140					41.9	262.0	26,000	43,100 *	49.8	272.5	20,600	51,700 *	56.7	278.4	15,400	63,100 *	140
145					38.7	256.0	24,600	40,600 *	47.1	268.0	19,400	48,300 *	54.2	274.9	14,400	58,500 *	145
150					35.2	249.2	23,200	38,200 *	44.2	263.0	18,300	45,300 *	51.7	271.0	13,400	54,400 *	150
155					31.4	241.5	22,000	36,100 *	41.1	257.5	17,200	42,500 *	49.0	266.8	12,500	50,700 *	155
160					27.2	232.4	20,800	34,100 *	37.9	251.3	16,200	40,000 *	46.2	262.1	11,700	47,400 *	160
165					22.2	221.2	19,700	32,300 *	34.3	244.3	15,300	37,700 *	43.2	257.0	10,900	44,400 *	165
170					15.7	206.2	18,600	30,600 *	30.5	236.3	14,400	35,600 *	40.1	251.3	10,100	41,700 *	170
175									26.1	226.7	13,500	33,700 *	36.8	244.9	9,400	39,300 *	175
180									20.8	214.9	12,700	31,900 *	33.2	237.6	8,800	37,100 *	180
190													24.6	219.1	7,500	33,100 *	190
200													10.6	186.4	6,200	29,700 *	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	69.6	311.0	65,400	91,900 *													80
85	67.5	309.0	60,200	89,200 *													85
90	65.4	306.8	55,700	81,500 *													90
95	63.3	304.3	51,700	74,400 *	66.9	307.0	45,000	87,000 *									95
100	61.2	301.6	48,200	68,300 *	64.8	304.7	41,900	79,100 *									100
105	58.9	298.7	45,000	63,000 *	62.6	302.2	39,100	72,300 *									105
110	56.7	295.5	42,100	58,300 *	60.4	299.4	36,600	66,500 *									110
115	54.3	292.0	39,500	54,200 *	58.2	296.4	34,300	61,400 *									115
120	51.9	288.2	37,100	50,500 *	55.9	293.1	32,200	57,000 *	62.1	298.3	25,900	70,900 *					120
125	49.4	284.0	34,900	47,300 *	53.6	289.5	30,300	53,000 *	59.9	295.5	24,200	65,200 *					125
130	46.9	279.5	32,900	44,300 *	51.1	285.6	28,600	49,500 *	57.7	292.4	22,700	60,300 *					130
135	44.2	274.5	31,000	41,600 *	48.6	281.3	26,900	46,300 *	55.4	289.1	21,300	56,000 *					135
140	41.3	269.0	29,300	39,200 *	46.0	276.6	25,400	43,400 *	53.0	285.4	20,000	52,100 *					140
145					43.3	271.4	24,000	40,800 *	50.5	281.4	18,800	48,700 *	57.0	287.1	13,700	59,000 *	145
150					40.4	265.7	22,700	38,400 *	48.0	277.0	17,700	45,600 *	54.6	283.6	12,700	54,800 *	150
155					37.3	259.4	21,500	36,300 *	45.4	272.2	16,600	42,800 *	52.2	279.8	11,900	51,100 *	155
160					34.0	252.3	20,300	34,300 *	42.6	266.9	15,600	40,200 *	49.8	275.7	11,000	47,700 *	160
165					30.3	244.2	19,200	32,400 *	39.6	261.1	14,700	37,900 *	47.2	271.2	10,300	44,700 *	165
170					26.2	234.7	18,100	30,700 *	36.5	254.6	13,800	35,800 *	44.5	266.3	9,500	42,000 *	170
175					21.4	223.1	17,100	29,100 *	33.1	247.3	13,000	33,800 *	41.7	260.8	8,800	39,500 *	175
180					15.2	207.5	16,200	27,600 *	29.4	238.9	12,200	32,000 *	38.7	254.8	8,200	37,300 *	180
190									20.1	216.7	10,700	28,800 *	32.0	240.5	6,900	33,300 *	190
200													23.7	221.1	5,800	29,900 *	200
210													10.2	187.3	4,600	26,900 *	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	69.0	319.8	59,700	82,300 *													85
90	67.1	317.7	55,200	79,900 *													90
95	65.1	315.5	51,200	74,700 *													95
100	63.1	313.0	47,600	68,500 *	66.4	315.7	41,200	78,900 *									100
105	61.1	310.3	44,400	63,100 *	64.5	313.4	38,500	72,600 *									105
110	59.0	307.4	41,500	58,300 *	62.5	310.8	36,000	66,700 *									110
115	56.9	304.2	38,900	54,100 *	60.4	308.1	33,700	61,500 *									115
120	54.7	300.7	36,500	50,400 *	58.3	305.0	31,600	56,900 *									120
125	52.5	297.0	34,400	47,100 *	56.2	301.8	29,700	52,900 *	62.0	307.0	23,500	65,400 *					125
130	50.2	292.9	32,300	44,100 *	54.0	298.2	27,900	49,300 *	59.9	304.2	22,000	60,400 *					130
135	47.8	288.5	30,500	41,400 *	51.7	294.4	26,300	46,100 *	57.8	301.1	20,600	55,900 *					135
140	45.3	283.7	28,800	38,900 *	49.4	290.2	24,800	43,200 *	55.7	297.8	19,300	52,000 *					140
145	42.7	278.4	27,200	36,600 *	47.0	285.6	23,400	40,600 *	53.4	294.1	18,100	48,500 *					145
150	39.9	272.6	25,700	34,600 *	44.5	280.7	22,100	38,200 *	51.2	290.2	17,000	45,400 *	57.2	295.7	12,000	54,700 *	150
155	37.0	266.2	24,300	32,700 *	41.8	275.3	20,900	36,000 *	48.8	286.0	15,900	42,600 *	55.0	292.3	11,100	50,900 *	155
160	33.9	259.1	23,000	30,900 *	39.0	269.3	19,700	33,900 *	46.4	281.3	15,000	40,000 *	52.8	288.6	10,300	47,600 *	160
165	30.5	251.0	21,800	29,300 *	36.1	262.7	18,600	32,100 *	43.8	276.2	14,000	37,600 *	50.5	284.6	9,500	44,500 *	165
170	26.7	241.6	20,600	27,700 *	32.8	255.3	17,600	30,400 *	41.2	270.7	13,200	35,500 *	48.1	280.2	8,800	41,800 *	170
175	22.3	230.4	19,500	26,300 *	29.3	246.8	16,600	28,800 *	38.3	264.6	12,300	33,500 *	45.6	275.4	8,100	39,300 *	175
180	16.8	216.0	18,400	25,000 *	25.4	237.0	15,700	27,300 *	35.3	257.8	11,600	31,700 *	43.0	270.2	7,500	37,000 *	180
190					14.7	208.8	13,900	24,600 *	28.4	241.4	10,100	28,400 *	37.4	258.2	6,300	32,900 *	190
200									19.4	218.4	8,700	25,600 *	31.0	243.2	5,200	29,500 *	200
210													22.9	223.2	4,100	26,500 *	210
220													9.9	188.1	3,100	23,900 *	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	68.5	328.6	54,900	75,300 *													90
95	66.7	326.5	50,900	72,700 *													95
100	64.8	324.2	47,300	68,200 *	67.9	326.6	40,900	74,200 *									100
105	62.9	321.7	44,100	62,800 *	66.1	324.4	38,100	71,600 *									105
110	61.0	319.0	41,200	58,000 *	64.2	322.1	35,600	66,400 *									110
115	59.1	316.0	38,600	53,800 *	62.3	319.5	33,300	61,200 *									115
120	57.1	312.9	36,200	50,100 *	60.4	316.7	31,300	56,600 *									120
125	55.0	309.4	34,100	46,800 *	58.4	313.7	29,400	52,600 *									125
130	52.9	305.7	32,000	43,800 *	56.4	310.5	27,600	49,000 *	61.9	315.7	21,600	60,100 *					130
135	50.8	301.8	30,200	41,100 *	54.4	307.0	26,000	45,800 *	59.9	312.8	20,200	55,700 *					135
140	48.5	297.4	28,500	38,600 *	52.2	303.2	24,500	42,900 *	57.9	309.8	19,000	51,700 *					140
145	46.2	292.8	26,900	36,300 *	50.1	299.1	23,100	40,300 *	55.9	306.5	17,800	48,200 *					145
150	43.8	287.7	25,400	34,300 *	47.8	294.7	21,800	37,900 *	53.9	302.9	16,700	45,100 *					150
155	41.3	282.2	24,100	32,400 *	45.5	289.9	20,600	35,700 *	51.7	299.0	15,600	42,300 *	57.3	304.4	10,800	50,600 *	155
160	38.7	276.1	22,800	30,600 *	43.0	284.7	19,400	33,600 *	49.5	294.9	14,600	39,700 *	55.3	301.0	9,900	47,300 *	160
165	35.9	269.5	21,500	29,000 *	40.5	279.0	18,400	31,800 *	47.3	290.4	13,700	37,300 *	53.2	297.4	9,200	44,200 *	165
170	32.9	262.0	20,400	27,400 *	37.8	272.7	17,300	30,100 *	44.9	285.5	12,900	35,200 *	51.1	293.4	8,500	41,500 *	170
175	29.6	253.6	19,300	26,000 *	34.9	265.8	16,400	28,500 *	42.4	280.2	12,000	33,200 *	48.8	289.2	7,800	39,000 *	175
180	25.9	243.9	18,300	24,700 *	31.8	258.1	15,500	27,000 *	39.9	274.3	11,300	31,400 *	46.5	284.5	7,100	36,700 *	180
190	16.3	217.4	16,300	22,300 *	24.6	239.1	13,800	24,300 *	34.2	260.9	9,800	28,100 *	41.7	274.1	5,900	32,600 *	190
200					14.2	210.0	12,200	21,900 *	27.5	243.9	8,500	25,300 *	36.3	261.5	4,900	29,200 *	200
210									18.8	220.0	7,300	22,800 *	30.0	245.9	3,900	26,200 *	210
220													22.2	225.1	2,900	23,600 *	220
230													9.5	188.9	2,000	21,300 *	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 180 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	68.0	337.3	50,300	67,700 *													95
100	66.3	335.2	46,700	65,000 *													100
105	64.6	332.9	43,600	62,200 *	67.5	335.3	37,400	66,500 *									105
110	62.8	330.3	40,700	57,500 *	65.7	333.1	35,000	63,900 *									110
115	61.0	327.6	38,100	53,300 *	64.0	330.8	32,700	60,700 *									115
120	59.1	324.7	35,700	49,600 *	62.2	328.2	30,600	56,100 *									120
125	57.2	321.5	33,500	46,300 *	60.4	325.4	28,700	52,100 *									125
130	55.3	318.2	31,500	43,300 *	58.5	322.4	27,000	48,500 *									130
135	53.3	314.5	29,700	40,500 *	56.6	319.2	25,400	45,300 *	61.8	324.3	19,500	55,100 *					135
140	51.3	310.6	28,000	38,100 *	54.7	315.7	23,900	42,400 *	59.9	321.5	18,300	51,200 *					140
145	49.2	306.4	26,400	35,800 *	52.7	312.0	22,500	39,700 *	58.1	318.4	17,100	47,700 *					145
150	47.1	301.8	24,900	33,700 *	50.7	307.9	21,200	37,300 *	56.2	315.2	16,000	44,600 *					150
155	44.9	296.9	23,500	31,800 *	48.6	303.6	20,000	35,100 *	54.2	311.6	14,900	41,700 *					155
160	42.5	291.6	22,200	30,100 *	46.4	299.0	18,800	33,100 *	52.2	307.8	14,000	39,100 *	57.5	313.1	9,200	46,700 *	160
165	40.1	285.8	21,000	28,400 *	44.1	293.9	17,800	31,200 *	50.2	303.8	13,100	36,800 *	55.6	309.7	8,400	43,700 *	165
170	37.5	279.5	19,900	26,900 *	41.8	288.5	16,800	29,500 *	48.0	299.4	12,200	34,600 *	53.6	306.1	7,700	40,900 *	170
175	34.8	272.6	18,800	25,500 *	39.3	282.6	15,800	27,900 *	45.8	294.6	11,400	32,700 *	51.6	302.2	7,100	38,400 *	175
180	31.9	264.9	17,800	24,200 *	36.7	276.1	14,900	26,400 *	43.6	289.5	10,600	30,800 *	49.5	298.1	6,400	36,100 *	180
190	25.1	246.2	15,900	21,800 *	30.9	260.9	13,200	23,800 *	38.7	277.9	9,200	27,600 *	45.2	288.7	5,200	32,100 *	190
200	15.9	218.8	14,100	19,600 *	23.9	241.2	11,700	21,400 *	33.2	263.9	7,900	24,800 *	40.4	277.8	4,200	28,700 *	200
210					13.8	211.2	10,300	19,300 *	26.7	246.2	6,700	22,300 *	35.2	264.7	3,200	25,700 *	210
220									18.3	221.6	5,600	20,100 *	29.1	248.5	2,300	23,100 *	220
230													21.6	227.0	1,500	20,800 *	230
240													9.3	189.7	600	18,800 *	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	66.0	343.9	43,000	58,300 *													105
110	64.3	341.6	40,200	55,800 *	67.1	344.1	34,400	59,700 *									110
115	62.6	339.0	37,500	52,800 *	65.5	341.8	32,100	57,300 *									115
120	60.9	336.3	35,200	49,100 *	63.8	339.4	30,100	54,900 *									120
125	59.2	333.4	33,000	45,800 *	62.1	336.8	28,200	51,600 *									125
130	57.4	330.2	31,000	42,800 *	60.3	334.0	26,400	48,000 *									130
135	55.6	326.9	29,200	40,000 *	58.6	331.0	24,800	44,800 *									135
140	53.7	323.3	27,500	37,600 *	56.8	327.8	23,300	41,900 *	61.7	333.0	17,700	50,700 *					140
145	51.8	319.4	25,900	35,300 *	55.0	324.4	21,900	39,200 *	59.9	330.2	16,500	47,200 *					145
150	49.8	315.3	24,400	33,200 *	53.1	320.7	20,600	36,800 *	58.2	327.1	15,400	44,100 *					150
155	47.8	310.8	23,000	31,300 *	51.2	316.8	19,400	34,600 *	56.4	323.9	14,300	41,200 *					155
160	45.7	306.1	21,800	29,600 *	49.2	312.6	18,300	32,600 *	54.5	320.4	13,400	38,700 *					160
165	43.6	300.9	20,500	27,900 *	47.2	308.0	17,200	30,700 *	52.6	316.6	12,500	36,300 *	57.6	321.8	7,800	43,200 *	165
170	41.3	295.4	19,400	26,400 *	45.1	303.1	16,200	29,000 *	50.7	312.6	11,600	34,100 *	55.8	318.4	7,100	40,400 *	170
175	39.0	289.4	18,300	25,000 *	42.9	297.9	15,300	27,400 *	48.7	308.3	10,800	32,200 *	53.9	314.9	6,400	37,900 *	175
180	36.5	282.9	17,300	23,700 *	40.6	292.2	14,400	25,900 *	46.7	303.7	10,100	30,300 *	52.1	311.0	5,800	35,600 *	180
190	31.0	267.7	15,500	21,300 *	35.7	279.3	12,800	23,300 *	42.3	293.4	8,700	27,100 *	48.1	302.6	4,700	31,600 *	190
200	24.4	248.3	13,800	19,100 *	30.0	263.6	11,300	20,900 *	37.6	281.3	7,400	24,300 *	43.9	292.8	3,600	28,200 *	200
210	15.4	220.1	12,200	17,200 *	23.2	243.3	9,900	18,800 *	32.3	266.8	6,200	21,800 *	39.3	281.3	2,700	25,200 *	210
220					13.4	212.4	8,600	16,900 *	26.0	248.5	5,200	19,600 *	34.2	267.8	1,800	22,600 *	220
230									17.8	223.2	4,200	17,700 *	28.3	251.0	1,000	20,400 *	230
240													21.0	228.9	200	18,300 *	240
250													9.0	190.5		16,500 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

160 Ft. Boom, 200 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115					66.8	352.8	31,500	51,200 *									115
120					65.2	350.5	29,400	48,900 *									120
125					63.6	348.1	27,500	46,600 *									125
130	59.2	342.0	30,400	40,800 *	62.0	345.5	25,800	44,400 *									130
135	57.5	338.9	28,600	38,800 *	60.3	342.7	24,200	42,300 *									135
140	55.8	335.6	26,900	36,800 *	58.7	339.7	22,700	40,200 *									140
145	54.0	332.0	25,300	34,900 *	57.0	336.5	21,300	38,200 *	61.6	341.7	15,800	43,600 *					145
150	52.2	328.2	23,900	33,100 *	55.2	333.1	20,000	36,300 *	59.9	338.8	14,700	41,600 *					150
155	50.4	324.1	22,500	31,100 *	53.5	329.5	18,800	34,400 *	58.3	335.8	13,700	39,600 *					155
160	48.5	319.8	21,200	29,300 *	51.6	325.6	17,700	32,400 *	56.5	332.5	12,700	37,700 *					160
165	46.5	315.2	20,000	27,700 *	49.8	321.5	16,700	30,500 *	54.8	329.1	11,800	35,900 *					165
170	44.5	310.2	18,900	26,100 *	47.9	317.0	15,700	28,800 *	53.0	325.4	11,000	34,000 *	57.7	330.4	6,400	38,600 *	170
175	42.4	304.8	17,800	24,700 *	45.9	312.3	14,700	27,200 *	51.2	321.4	10,200	32,000 *	56.0	327.1	5,700	36,800 *	175
180	40.2	299.1	16,800	23,300 *	43.9	307.2	13,800	25,700 *	49.3	317.2	9,400	30,100 *	54.3	323.6	5,100	35,100 *	180
190	35.5	286.1	15,000	20,900 *	39.5	295.8	12,200	22,900 *	45.4	307.9	8,000	26,800 *	50.6	315.8	3,900	31,400 *	190
200	30.2	270.4	13,300	18,700 *	34.7	282.4	10,700	20,500 *	41.2	297.2	6,800	23,900 *	46.8	306.9	2,900	27,900 *	200
210	23.8	250.4	11,800	16,700 *	29.3	266.2	9,400	18,400 *	36.6	284.6	5,600	21,400 *	42.7	296.7	2,000	24,900 *	210
220	15.0	221.4	10,300	14,900 *	22.6	245.3	8,100	16,600 *	31.4	269.6	4,600	19,200 *	38.3	284.8	1,100	22,300 *	220
230					13.1	213.5	6,900	14,700 *	25.3	250.8	3,600	17,300 *	33.3	270.8	300	20,000 *	230
240									17.3	224.7	2,700	15,500 *	27.6	253.5		17,900 *	240
250													20.4	230.6		16,100 *	250
260													8.8	191.2		14,400 *	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	64.7	253.5	97,500 b	174,000 * b													60
65	60.0	250.7	88,100 b	147,600 * b													65
70	55.1	247.4	80,100 b	127,900 * b	64.2	251.7	69,300 b	170,600 * b									70
75	49.9	243.5	73,400	112,700 *	59.5	248.9	63,600 b	145,100 * b									75
80	44.2	238.6	67,500	100,400 *	54.6	245.5	58,700 b	126,000 * b									80
85	37.8	232.7	62,400	90,400 *	49.3	241.5	54,300	111,100 *									85
90	30.3	225.0	57,800	82,100 *	43.5	236.5	50,500	99,200 *	60.0	245.7	40,800 b	139,500 b					90
95	20.4	213.9	53,700	75,100 *	37.1	230.4	47,100	89,400 *	55.1	242.3	38,000 b	127,800 * b					95
100					29.4	222.4	43,900	81,300 *	49.8	238.4	35,400	112,500 *					100
105					18.9	210.7	41,000	74,300 *	44.1	233.5	33,100	100,300 *					105
110									37.7	227.5	31,000	90,400 *	55.2	237.5	23,400 b	103,700 b	110
115									30.2	219.8	29,100	82,100 *	50.0	233.6	21,900	98,300	115
120									20.2	208.6	27,200	75,000 *	44.3	228.8	20,500	93,500	120
125													37.9	222.8	19,100	89,000	125
130													30.4	215.1	17,900	82,300 *	130
135													20.5	204.1	16,700	75,200 *	135



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	68.1	264.5	97,000 b	170,700 *b													60
65	64.1	262.2	87,600 b	148,600 *b													65
70	60.0	259.4	79,700 b	128,700 *b	67.6	262.7	68,500 b	169,900 *b									70
75	55.8	256.1	72,900	113,200 *	63.7	260.4	62,900 b	146,000 *b									75
80	51.3	252.3	67,100	100,900 *	59.6	257.6	58,000 b	126,700 *b									80
85	46.4	247.8	62,000	90,800 *	55.3	254.3	53,700	111,700 *									85
90	41.2	242.4	57,500	82,400 *	50.7	250.4	49,900	99,700 *									90
95	35.3	235.9	53,500	75,300 *	45.9	245.8	46,500	89,800 *	60.0	254.3	37,200 b	128,500 *b					95
100	28.3	227.5	49,900	69,200 *	40.5	240.3	43,400	81,600 *	55.7	251.1	34,700	113,100 *					100
105	19.0	215.5	46,600	63,900 *	34.5	233.5	40,700	74,600 *	51.2	247.2	32,400	100,800 *					105
110					27.4	224.9	38,100	68,600 *	46.4	242.7	30,300	90,700 *					110
115					17.6	212.2	35,700	63,400 *	41.1	237.3	28,400	82,400 *	55.8	246.3	21,000	97,700	115
120									35.2	230.7	26,700	75,300 *	51.3	242.4	19,600	92,800	120
125									28.2	222.3	25,000	69,200 *	46.5	237.9	18,400	88,400	125
130									18.8	210.3	23,500	63,900 *	41.2	232.6	17,200	82,600 *	130
135													35.3	226.0	16,000	75,500 *	135
140													28.4	217.7	15,000	69,400 *	140
145													19.1	205.8	13,900	64,100 *	145



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	70.6	275.2	96,600 b	158,200 *b													60
65	67.2	273.2	87,200 b	149,300 *b													65
70	63.7	270.8	79,300	129,200 *													70
75	60.0	268.1	72,600	113,700 *	66.8	271.5	62,300 b	146,700 *b									75
80	56.3	264.9	66,800	101,200 *	63.3	269.1	57,400	127,300 *									80
85	52.3	261.1	61,700	91,100 *	59.6	266.2	53,100	112,100 *									85
90	48.1	256.9	57,200	82,600 *	55.8	263.0	49,400	100,000 *									90
95	43.6	251.9	53,300	75,500 *	51.8	259.2	46,000	90,100 *									95
100	38.7	246.0	49,700	69,400 *	47.6	254.8	43,000	81,800 *	60.0	263.0	34,100	113,500 *					100
105	33.1	238.8	46,500	64,000 *	43.1	249.8	40,300	74,800 *	56.2	259.8	31,800	101,100 *					105
110	26.6	229.8	43,600	59,400 *	38.1	243.7	37,800	68,700 *	52.2	256.0	29,800	91,000 *					110
115	17.8	217.1	40,800	55,200 *	32.4	236.4	35,500	63,500 *	48.0	251.8	27,900	82,600 *					115
120					25.7	227.1	33,400	58,900 *	43.5	246.7	26,200	75,400 *	56.3	255.0	19,000	92,400	120
125					16.5	213.6	31,400	54,800 *	38.6	240.8	24,600	69,300 *	52.3	251.3	17,800	87,900	125
130									33.0	233.7	23,100	64,000 *	48.1	247.0	16,600	82,800 *	130
135									26.5	224.6	21,800	59,400 *	43.6	242.0	15,500	75,600 *	135
140									17.7	211.8	20,400	55,200 *	38.7	236.1	14,500	69,500 *	140
145													33.2	229.0	13,600	64,200 *	145
150													26.6	220.0	12,600	59,500 *	150
155													17.9	207.3	11,700	55,400 *	155



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	69.6	284.0	86,700 b	138,800 *b													65
70	66.5	281.9	78,800	130,300 *													70
75	63.3	279.5	72,000	114,400 *													75
80	60.0	276.7	66,200	101,800 *	66.1	280.2	56,700	128,300 *									80
85	56.6	273.5	61,200	91,500 *	62.9	277.7	52,400	112,900 *									85
90	53.1	269.9	56,700	82,900 *	59.6	274.9	48,700	100,500 *									90
95	49.4	265.8	52,800	75,700 *	56.2	271.7	45,300	90,400 *									95
100	45.5	261.1	49,300	69,400 *	52.7	268.0	42,300	82,000 *									100
105	41.2	255.7	46,100	64,100 *	49.0	263.8	39,600	74,900 *	60.0	271.6	31,000	101,700 *					105
110	36.6	249.3	43,200	59,400 *	45.0	259.0	37,200	68,800 *	56.6	268.5	29,000	91,400 *					110
115	31.4	241.7	40,600	55,200 *	40.7	253.5	34,900	63,500 *	53.0	264.8	27,100	82,900 *					115
120	25.1	232.1	38,100	51,500 *	36.0	247.0	32,900	58,900 *	49.3	260.7	25,400	75,600 *					120
125	16.9	218.5	35,800	48,200 *	30.7	239.2	31,000	54,800 *	45.4	256.0	23,900	69,400 *	56.7	263.7	16,900	87,300	125
130					24.3	229.3	29,200	51,100 *	41.2	250.5	22,500	64,100 *	53.1	260.0	15,700	83,100 *	130
135					15.6	215.0	27,500	47,900 *	36.5	244.2	21,100	59,400 *	49.4	255.9	14,700	75,800 *	135
140									31.3	236.5	19,800	55,200 *	45.5	251.2	13,700	69,600 *	140
145									25.0	226.9	18,600	51,500 *	41.3	245.8	12,800	64,200 *	145
150									16.7	213.2	17,500	48,200 *	36.6	239.4	11,900	59,500 *	150
155													31.4	231.8	11,100	55,400 *	155
160													25.2	222.2	10,300	51,700 *	160
165													17.0	208.8	9,500	48,300 *	165



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	68.8	292.8	78,300	128,200 *													70
75	65.9	290.6	71,500	117,000 *													75
80	63.0	288.2	65,700	104,100 *													80
85	60.0	285.4	60,700	93,500 *	65.6	288.9	51,800	115,400 *									85
90	57.0	282.2	56,200	84,700 *	62.7	286.4	48,000	102,800 *									90
95	53.8	278.7	52,300	77,300 *	59.7	283.6	44,700	92,400 *									95
100	50.4	274.7	48,800	70,900 *	56.6	280.4	41,700	83,800 *									100
105	46.9	270.2	45,600	65,500 *	53.4	276.8	39,000	76,500 *	63.0	283.1	30,300	104,000 *					105
110	43.2	265.1	42,700	60,600 *	50.0	272.7	36,600	70,300 *	60.0	280.3	28,300	93,400 *					110
115	39.2	259.2	40,100	56,400 *	46.5	268.2	34,400	64,900 *	56.9	277.1	26,500	84,700 *					115
120	34.8	252.4	37,800	52,600 *	42.8	263.0	32,300	60,100 *	53.7	273.6	24,800	77,200 *					120
125	29.8	244.3	35,500	49,300 *	38.7	257.0	30,500	56,000 *	50.4	269.6	23,300	70,900 *					125
130	23.9	234.2	33,500	46,200 *	34.3	250.1	28,700	52,200 *	46.9	265.1	21,800	65,400 *	57.0	272.3	15,000	82,700	130
135	16.0	219.9	31,500	43,400 *	29.2	241.8	27,100	48,900 *	43.1	260.0	20,500	60,600 *	53.8	268.8	14,000	77,500 *	135
140					23.2	231.3	25,600	45,900 *	39.1	254.1	19,300	56,400 *	50.5	264.8	13,000	71,100 *	140
145					14.9	216.2	24,100	43,200 *	34.7	247.3	18,100	52,600 *	47.0	260.3	12,100	65,600 *	145
150									29.7	239.2	17,000	49,300 *	43.2	255.2	11,300	60,800 *	150
155									23.8	229.0	16,000	46,200 *	39.2	249.4	10,500	56,500 *	155
160									15.9	214.6	15,000	43,400 *	34.8	242.6	9,700	52,700 *	160
165													29.9	234.5	9,000	49,400 *	165
170													24.0	224.4	8,300	46,300 *	170
175													16.2	210.2	7,600	43,500 *	175



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	70.6	303.5	77,700	118,200 *													70
75	68.0	301.5	71,000	113,900 *													75
80	65.4	299.3	65,200	104,700 *													80
85	62.8	296.8	60,100	93,900 *	67.7	299.8	51,100	113,400 *									85
90	60.0	294.0	55,700	85,000 *	65.1	297.6	47,300	103,400 *									90
95	57.2	290.9	51,700	77,500 *	62.5	295.1	44,000	92,800 *									95
100	54.3	287.4	48,200	71,000 *	59.7	292.2	41,100	84,100 *									100
105	51.3	283.6	45,100	65,400 *	56.9	289.1	38,400	76,700 *									105
110	48.1	279.2	42,200	60,600 *	54.0	285.5	36,000	70,400 *	62.7	291.8	27,500	93,800 *					110
115	44.8	274.4	39,700	56,300 *	50.9	281.6	33,800	64,900 *	60.0	289.0	25,700	84,900 *					115
120	41.3	268.9	37,300	52,500 *	47.7	277.2	31,700	60,100 *	57.2	285.8	24,000	77,400 *					120
125	37.4	262.7	35,100	49,100 *	44.4	272.3	29,900	55,800 *	54.3	282.3	22,500	71,000 *					125
130	33.2	255.4	33,100	46,000 *	40.8	266.7	28,200	52,100 *	51.2	278.5	21,100	65,400 *					130
135	28.5	246.9	31,200	43,200 *	37.0	260.4	26,600	48,700 *	48.1	274.1	19,800	60,500 *	57.2	281.0	13,200	77,600 *	135
140	22.9	236.2	29,500	40,700 *	32.7	253.1	25,100	45,700 *	44.7	269.2	18,600	56,300 *	54.3	277.5	12,200	71,200 *	140
145	15.3	221.2	27,800	38,400 *	27.9	244.3	23,700	42,900 *	41.2	263.8	17,500	52,500 *	51.3	273.7	11,300	65,600 *	145
150					22.1	233.3	22,300	40,400 *	37.4	257.5	16,400	49,100 *	48.2	269.3	10,500	60,700 *	150
155					14.2	217.5	21,000	38,100 *	33.2	250.3	15,400	46,000 *	44.8	264.5	9,700	56,400 *	155
160									28.4	241.7	14,500	43,200 *	41.3	259.0	9,000	52,600 *	160
165									22.8	231.0	13,500	40,700 *	37.5	252.8	8,300	49,200 *	165
170									15.2	215.9	12,600	38,400 *	33.3	245.6	7,600	46,100 *	170
175													28.6	237.0	7,000	43,300 *	175
180													22.9	226.4	6,400	40,800 *	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	69.8	312.3	70,700	107,100 *													75
80	67.4	310.3	64,900	103,400 *													80
85	65.0	308.0	59,900	93,900 *													85
90	62.6	305.5	55,400	84,900 *	67.2	308.6	47,000	102,900 *									90
95	60.0	302.7	51,500	77,400 *	64.7	306.3	43,700	92,800 *									95
100	57.4	299.6	48,000	70,900 *	62.3	303.7	40,700	84,000 *									100
105	54.8	296.2	44,900	65,300 *	59.7	300.9	38,100	76,600 *									105
110	52.0	292.4	42,000	60,500 *	57.1	297.7	35,700	70,300 *									110
115	49.1	288.2	39,500	56,200 *	54.4	294.3	33,500	64,800 *	62.5	300.4	25,400	84,900 *					115
120	46.1	283.5	37,100	52,300 *	51.7	290.4	31,500	60,000 *	60.0	297.6	23,700	77,300 *					120
125	42.9	278.3	34,900	48,900 *	48.8	286.2	29,600	55,700 *	57.4	294.5	22,200	70,900 *					125
130	39.5	272.5	33,000	45,900 *	45.7	281.5	27,900	51,900 *	54.7	291.1	20,800	65,300 *					130
135	35.9	265.9	31,100	43,100 *	42.5	276.2	26,300	48,600 *	51.9	287.3	19,500	60,400 *					135
140	31.9	258.3	29,400	40,600 *	39.1	270.3	24,900	45,500 *	49.1	283.1	18,300	56,100 *	57.5	289.7	11,900	71,100 *	140
145	27.3	249.3	27,800	38,200 *	35.5	263.6	23,500	42,800 *	46.1	278.4	17,200	52,300 *	54.8	286.3	11,000	65,500 *	145
150	21.9	238.1	26,300	36,100 *	31.4	255.9	22,200	40,300 *	42.9	273.2	16,200	48,900 *	52.0	282.5	10,200	60,600 *	150
155	14.7	222.5	24,800	34,200 *	26.8	246.7	21,000	38,000 *	39.5	267.4	15,200	45,900 *	49.1	278.3	9,400	56,300 *	155
160					21.2	235.1	19,800	35,900 *	35.8	260.8	14,300	43,100 *	46.1	273.6	8,700	52,400 *	160
165					13.6	218.6	18,700	34,000 *	31.8	253.1	13,400	40,600 *	43.0	268.5	8,000	49,000 *	165
170									27.3	244.1	12,600	38,300 *	39.6	262.6	7,400	46,000 *	170
175									21.8	232.9	11,700	36,100 *	35.9	256.1	6,800	43,200 *	175
180									14.6	217.1	10,900	34,200 *	31.9	248.5	6,200	40,600 *	180
190													22.0	228.3	5,100	36,200 *	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	69.1	321.1	64,400	97,000 *													80
85	66.9	319.0	59,300	93,500 *													85
90	64.7	316.7	54,900	84,500 *													90
95	62.4	314.2	50,900	76,900 *	66.7	317.3	43,000	92,400 *									95
100	60.0	311.4	47,400	70,500 *	64.4	315.0	40,000	83,600 *									100
105	57.6	308.3	44,300	64,900 *	62.1	312.4	37,400	76,200 *									105
110	55.1	304.9	41,500	60,000 *	59.8	309.5	35,000	69,800 *									110
115	52.6	301.2	38,900	55,700 *	57.3	306.4	32,800	64,300 *									115
120	50.0	297.1	36,600	51,900 *	54.9	303.0	30,800	59,500 *	62.3	309.1	23,000	76,900 *					120
125	47.2	292.6	34,400	48,500 *	52.3	299.2	29,000	55,300 *	60.0	306.3	21,500	70,400 *					125
130	44.3	287.6	32,400	45,400 *	49.6	295.1	27,300	51,500 *	57.6	303.2	20,100	64,900 *					130
135	41.3	282.1	30,600	42,600 *	46.9	290.6	25,700	48,100 *	55.1	299.8	18,800	60,000 *					135
140	38.0	276.0	28,900	40,100 *	44.0	285.5	24,300	45,100 *	52.6	296.1	17,600	55,700 *					140
145	34.5	269.0	27,300	37,800 *	40.9	280.0	22,900	42,300 *	49.9	292.0	16,500	51,900 *	57.6	298.4	10,200	65,000 *	145
150	30.7	261.0	25,900	35,700 *	37.6	273.7	21,700	39,800 *	47.2	287.5	15,500	48,500 *	55.2	295.0	9,400	60,100 *	150
155	26.3	251.6	24,500	33,700 *	34.1	266.7	20,500	37,500 *	44.3	282.5	14,500	45,400 *	52.6	291.3	8,700	55,800 *	155
160	21.1	240.0	23,100	31,900 *	30.2	258.6	19,300	35,500 *	41.2	277.0	13,600	42,600 *	50.0	287.2	8,000	52,000 *	160
165	14.1	223.7	21,800	30,200 *	25.8	248.9	18,300	33,500 *	38.0	270.8	12,700	40,100 *	47.2	282.7	7,300	48,600 *	165
170					20.4	236.9	17,200	31,700 *	34.5	263.9	11,900	37,800 *	44.3	277.7	6,700	45,500 *	170
175					13.1	219.8	16,200	30,100 *	30.6	255.9	11,200	35,700 *	41.3	272.3	6,100	42,700 *	175
180									26.2	246.4	10,400	33,700 *	38.1	266.1	5,500	40,200 *	180
190									14.0	218.3	9,000	30,200 *	30.7	251.2	4,400	35,800 *	190
200													21.2	230.2	3,400	32,000 *	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	70.6	331.8	63,800	93,000 *													80
85	68.5	329.9	58,800	90,300 *													85
90	66.5	327.7	54,300	85,400 *													90
95	64.4	325.4	50,400	77,700 *													95
100	62.2	322.8	46,900	71,100 *	66.2	326.0	39,400	84,400 *									100
105	60.0	320.0	43,800	65,500 *	64.1	323.6	36,800	76,900 *									105
110	57.8	316.9	40,900	60,500 *	62.0	321.0	34,400	70,500 *									110
115	55.5	313.6	38,400	56,200 *	59.8	318.2	32,200	64,900 *									115
120	53.1	309.9	36,000	52,300 *	57.5	315.1	30,200	60,000 *									120
125	50.7	305.9	33,900	48,800 *	55.2	311.7	28,400	55,700 *	62.2	317.8	20,800	71,100 *					125
130	48.1	301.6	31,900	45,700 *	52.8	308.0	26,700	51,900 *	60.0	314.9	19,400	65,400 *					130
135	45.5	296.8	30,100	42,900 *	50.4	304.0	25,100	48,500 *	57.7	311.9	18,100	60,500 *					135
140	42.7	291.6	28,400	40,300 *	47.8	299.6	23,700	45,400 *	55.4	308.5	17,000	56,100 *					140
145	39.8	285.8	26,800	38,000 *	45.2	294.7	22,400	42,600 *	53.1	304.8	15,900	52,300 *					145
150	36.7	279.3	25,400	35,900 *	42.4	289.4	21,100	40,100 *	50.6	300.8	14,900	48,800 *	57.8	307.1	8,700	60,600 *	150
155	33.3	272.0	24,000	33,900 *	39.5	283.6	19,900	37,800 *	48.1	296.5	13,900	45,700 *	55.5	303.7	8,000	56,300 *	155
160	29.6	263.7	22,700	32,100 *	36.3	277.0	18,800	35,600 *	45.5	291.7	13,000	42,900 *	53.1	300.0	7,300	52,400 *	160
165	25.4	253.9	21,500	30,400 *	32.9	269.6	17,800	33,700 *	42.7	286.4	12,200	40,300 *	50.7	296.1	6,600	48,900 *	165
170	20.4	241.7	20,300	28,800 *	29.1	261.2	16,800	31,900 *	39.8	280.6	11,400	38,000 *	48.2	291.7	6,000	45,800 *	170
175	13.6	224.9	19,200	27,100 *	24.9	251.1	15,800	30,200 *	36.6	274.2	10,600	35,900 *	45.5	286.9	5,400	43,000 *	175
180					19.7	238.6	14,900	28,700 *	33.3	266.9	9,900	33,900 *	42.8	281.7	4,900	40,400 *	180
190									25.3	248.7	8,500	30,400 *	36.7	269.4	3,800	35,900 *	190
200									13.5	219.5	7,200	27,400 *	29.6	253.9	2,900	32,200 *	200
210													20.4	231.9	2,000	28,900 *	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	69.9	340.6	58,200	83,400 *													85
90	68.0	338.6	53,800	80,900 *													90
95	66.1	336.5	49,800	78,100 *													95
100	64.1	334.1	46,300	71,400 *	67.8	336.9	38,700	80,300 *									100
105	62.1	331.5	43,200	65,600 *	65.8	334.7	36,100	77,300 *									105
110	60.0	328.7	40,400	60,600 *	63.9	332.3	33,700	70,700 *									110
115	57.9	325.6	37,800	56,100 *	61.8	329.7	31,500	65,000 *									115
120	55.8	322.3	35,500	52,200 *	59.8	326.9	29,600	60,000 *									120
125	53.6	318.7	33,300	48,700 *	57.7	323.8	27,700	55,700 *									125
130	51.3	314.8	31,400	45,500 *	55.5	320.4	26,100	51,800 *	62.0	326.4	18,700	65,600 *					130
135	48.9	310.5	29,600	42,700 *	53.3	316.8	24,500	48,300 *	60.0	323.6	17,400	60,500 *					135
140	46.5	305.9	27,900	40,100 *	51.0	312.8	23,100	45,200 *	57.9	320.5	16,200	56,100 *					140
145	44.0	300.9	26,300	37,700 *	48.7	308.5	21,700	42,400 *	55.7	317.2	15,200	52,200 *					145
150	41.3	295.3	24,900	35,600 *	46.2	303.9	20,500	39,800 *	53.5	313.6	14,100	48,700 *					150
155	38.5	289.3	23,500	33,600 *	43.7	298.8	19,300	37,500 *	51.3	309.7	13,200	45,500 *	57.9	315.7	7,200	56,200 *	155
160	35.5	282.5	22,200	31,700 *	41.0	293.2	18,200	35,300 *	48.9	305.4	12,300	42,700 *	55.8	312.4	6,500	52,300 *	160
165	32.2	274.9	21,000	30,000 *	38.1	287.0	17,200	33,400 *	46.5	300.8	11,500	40,100 *	53.6	308.8	5,900	48,800 *	165
170	28.6	266.2	19,900	28,500 *	35.1	280.2	16,200	31,500 *	43.9	295.8	10,700	37,700 *	51.3	304.9	5,200	45,600 *	170
175	24.6	256.0	18,800	27,000 *	31.8	272.5	15,300	29,900 *	41.2	290.2	9,900	35,600 *	49.0	300.6	4,700	42,700 *	175
180	19.7	243.5	17,800	25,600 *	28.2	263.7	14,400	28,300 *	38.4	284.1	9,200	33,600 *	46.5	296.0	4,100	40,200 *	180
190					19.1	240.3	12,700	25,500 *	32.2	269.8	7,900	30,000 *	41.3	285.5	3,100	35,600 *	190
200									24.5	250.8	6,700	27,000 *	35.5	272.7	2,200	31,800 *	200
210									13.1	220.6	5,500	24,300 *	28.7	256.4	1,300	28,500 *	210
220													19.8	233.7	500	25,700 *	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	69.4	349.4	53,400	76,200 *													90
95	67.6	347.4	49,500	74,000 *													95
100	65.7	345.2	46,000	71,100 *													100
105	63.9	342.8	42,900	65,300 *	67.4	345.7	35,700	73,300 *									105
110	62.0	340.2	40,100	60,300 *	65.5	343.4	33,300	70,400 *									110
115	60.0	337.3	37,500	55,800 *	63.6	341.0	31,200	64,700 *									115
120	58.0	334.3	35,200	51,900 *	61.7	338.4	29,200	59,700 *									120
125	56.0	331.0	33,000	48,400 *	59.8	335.5	27,400	55,400 *									125
130	54.0	327.4	31,100	45,200 *	57.8	332.4	25,700	51,500 *									130
135	51.8	323.6	29,300	42,400 *	55.8	329.1	24,200	48,000 *	61.9	335.1	17,000	60,200 *					135
140	49.6	319.4	27,600	39,800 *	53.7	325.5	22,700	44,900 *	60.0	332.3	15,900	55,800 *					140
145	47.4	314.9	26,000	37,400 *	51.6	321.7	21,400	42,100 *	58.0	329.2	14,800	51,900 *					145
150	45.0	310.1	24,600	35,300 *	49.4	317.5	20,200	39,500 *	56.0	325.9	13,800	48,400 *					150
155	42.6	304.8	23,200	33,300 *	47.1	312.9	19,000	37,200 *	53.9	322.3	12,900	45,200 *					155
160	40.0	299.0	22,000	31,400 *	44.7	308.0	17,900	35,000 *	51.8	318.5	12,000	42,400 *					160
165	37.3	292.6	20,800	29,700 *	42.3	302.7	16,900	33,100 *	49.6	314.3	11,100	39,800 *	56.0	321.1	5,500	48,500 *	165
170	34.4	285.6	19,700	28,200 *	39.7	296.8	15,900	31,200 *	47.3	309.8	10,400	37,400 *	54.0	317.5	4,900	45,300 *	170
175	31.2	277.7	18,600	26,700 *	36.9	290.4	15,000	29,600 *	45.0	305.0	9,600	35,300 *	51.9	313.7	4,300	42,500 *	175
180	27.7	268.7	17,600	25,300 *	34.0	283.3	14,100	28,000 *	42.5	299.7	8,900	33,300 *	49.7	309.6	3,800	39,900 *	180
190	19.1	245.1	15,700	22,800 *	27.3	266.1	12,500	25,200 *	37.2	287.5	7,600	29,700 *	45.0	300.2	2,800	35,300 *	190
200					18.5	241.9	11,000	22,700 *	31.2	272.5	6,400	26,700 *	40.0	289.1	1,900	31,500 *	200
210									23.7	252.9	5,300	24,100 *	34.4	275.8	1,000	28,200 *	210
220									12.7	221.7	4,300	21,700 *	27.8	258.9	300	25,400 *	220
230													19.1	235.3		22,900 *	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 180 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	70.6	360.1	52,900	71,500 *													90
95	68.9	358.2	48,900	68,900 *													95
100	67.2	356.1	45,400	66,200 *													100
105	65.4	353.9	42,300	63,500 *													105
110	63.6	351.4	39,500	59,700 *	67.0	354.4	32,700	65,600 *									110
115	61.8	348.8	36,900	55,300 *	65.2	352.1	30,500	63,100 *									115
120	60.0	346.0	34,600	51,400 *	63.4	349.7	28,500	59,200 *									120
125	58.2	343.0	32,500	47,800 *	61.6	347.0	26,700	54,800 *									125
130	56.3	339.7	30,500	44,700 *	59.8	344.2	25,100	50,900 *									130
135	54.3	336.2	28,700	41,800 *	57.9	341.1	23,500	47,500 *									135
140	52.3	332.4	27,000	39,200 *	56.0	337.8	22,100	44,400 *	61.8	343.8	15,100	55,300 *					140
145	50.3	328.3	25,500	36,900 *	54.1	334.3	20,800	41,500 *	60.0	340.9	14,100	51,300 *					145
150	48.1	323.9	24,000	34,700 *	52.1	330.5	19,500	39,000 *	58.1	337.9	13,100	47,800 *					150
155	46.0	319.2	22,700	32,700 *	50.0	326.4	18,400	36,600 *	56.2	334.6	12,100	44,700 *					155
160	43.7	314.1	21,400	30,900 *	47.9	321.9	17,300	34,500 *	54.3	331.1	11,300	41,800 *					160
165	41.3	308.6	20,200	29,200 *	45.7	317.2	16,300	32,500 *	52.3	327.3	10,400	39,200 *					165
170	38.8	302.5	19,100	27,600 *	43.4	312.0	15,300	30,700 *	50.2	323.2	9,700	36,900 *	56.3	329.8	4,100	44,800 *	170
175	36.2	295.9	18,100	26,200 *	41.0	306.4	14,400	29,000 *	48.1	318.8	8,900	34,700 *	54.3	326.3	3,600	41,900 *	175
180	33.3	288.6	17,100	24,800 *	38.5	300.3	13,600	27,500 *	45.9	314.1	8,300	32,700 *	52.3	322.5	3,000	39,300 *	180
190	26.9	271.1	15,200	22,300 *	33.0	286.2	12,000	24,700 *	41.3	303.5	7,000	29,200 *	48.2	314.1	2,100	34,800 *	190
200	18.5	246.7	13,500	20,100 *	26.5	268.5	10,500	22,200 *	36.1	290.8	5,800	26,200 *	43.7	304.2	1,200	31,000 *	200
210					17.9	243.5	9,200	20,000 *	30.2	275.3	4,700	23,500 *	38.8	292.7	400	27,700 *	210
220									23.0	255.0	3,800	21,200 *	33.4	278.8		24,900 *	220
230									12.3	222.8	2,800	19,100 *	27.0	261.3		22,400 *	230
240													18.6	237.0		20,200 *	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	68.4	366.9	44,900	62,000 *													100
105	66.8	364.8	41,800	59,500 *													105
110	65.1	362.6	39,000	56,900 *													110
115	63.5	360.1	36,400	54,400 *	66.6	363.1	29,900	58,900 *									115
120	61.7	357.5	34,100	50,900 *	64.9	360.8	28,000	56,500 *									120
125	60.0	354.7	31,900	47,300 *	63.3	358.4	26,200	54,100 *									125
130	58.3	351.6	30,000	44,200 *	61.6	355.7	24,500	50,500 *									130
135	56.5	348.4	28,200	41,300 *	59.8	352.8	23,000	47,000 *									135
140	54.6	344.9	26,500	38,700 *	58.0	349.8	21,500	43,900 *									140
145	52.7	341.2	25,000	36,400 *	56.2	346.5	20,200	41,000 *	61.7	352.4	13,500	50,900 *					145
150	50.8	337.2	23,500	34,200 *	54.4	343.0	19,000	38,500 *	60.0	349.6	12,500	47,300 *					150
155	48.8	332.9	22,200	32,200 *	52.5	339.2	17,800	36,100 *	58.2	346.5	11,500	44,200 *					155
160	46.8	328.3	20,900	30,400 *	50.6	335.2	16,800	34,000 *	56.4	343.3	10,700	41,300 *					160
165	44.7	323.3	19,800	28,700 *	48.6	330.9	15,800	32,000 *	54.6	339.8	9,900	38,700 *					165
170	42.4	318.0	18,600	27,100 *	46.5	326.3	14,800	30,200 *	52.7	336.1	9,100	36,400 *					170
175	40.1	312.2	17,600	25,700 *	44.4	321.3	13,900	28,500 *	50.8	332.1	8,400	34,200 *	56.5	338.5	2,900	41,400 *	175
180	37.7	306.0	16,600	24,300 *	42.2	315.9	13,000	27,000 *	48.8	327.8	7,700	32,200 *	54.6	335.0	2,400	38,800 *	180
190	32.4	291.5	14,800	21,800 *	37.4	303.7	11,500	24,200 *	44.6	318.2	6,400	28,700 *	50.8	327.3	1,400	34,300 *	190
200	26.2	273.4	13,100	19,600 *	32.1	289.1	10,100	21,700 *	40.1	307.1	5,300	25,700 *	46.8	318.4	600	30,500 *	200
210	18.0	248.3	11,600	17,700 *	25.8	270.7	8,700	19,500 *	35.1	294.0	4,200	23,000 *	42.5	308.1		27,200 *	210
220					17.4	245.0	7,500	17,600 *	29.4	277.9	3,300	20,700 *	37.8	296.1		24,400 *	220
230									22.4	256.9	2,300	18,600 *	32.5	281.7		21,900 *	230
240									12.0	223.8	1,500	16,800 *	26.2	263.6		19,700 *	240
250													18.1	238.5		17,700 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

180 Ft. Boom, 200 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	64.9	371.3	35,800	48,500 *	67.8	374.0	29,300	52,700 *									115
120	63.3	368.8	33,500	46,200 *	66.3	371.8	27,300	50,500 *									120
125	61.7	366.2	31,400	44,000 *	64.7	369.5	25,500	48,200 *									125
130	60.0	363.3	29,400	41,800 *	63.1	367.0	23,900	45,900 *									130
135	58.3	360.3	27,600	39,800 *	61.5	364.4	22,300	43,800 *									135
140	56.6	357.1	25,900	37,700 *	59.8	361.5	20,900	41,700 *									140
145	54.9	353.6	24,400	35,800 *	58.1	358.5	19,600	39,600 *									145
150	53.1	349.9	23,000	33,900 *	56.4	355.2	18,400	37,600 *	61.6	361.1	11,800	43,600 *					150
155	51.3	346.0	21,600	32,100 *	54.7	351.7	17,200	35,700 *	60.0	358.2	10,800	41,600 *					155
160	49.4	341.8	20,400	30,200 *	52.9	348.0	16,100	33,900 *	58.3	355.2	10,000	39,700 *					160
165	47.5	337.3	19,200	28,500 *	51.1	344.1	15,100	31,800 *	56.6	352.0	9,200	37,800 *					165
170	45.5	332.5	18,100	26,900 *	49.2	339.8	14,200	30,000 *	54.9	348.5	8,400	35,900 *					170
175	43.5	327.4	17,100	25,400 *	47.3	335.3	13,300	28,300 *	53.1	344.8	7,700	34,100 *					175
180	41.3	321.8	16,100	24,000 *	45.3	330.5	12,500	26,700 *	51.3	340.9	7,000	32,100 *	56.7	347.2	1,700	37,500 *	180
190	36.7	309.3	14,300	21,500 *	41.1	319.7	10,900	23,800 *	47.5	332.2	5,700	28,500 *	53.1	340.0	700	34,000 *	190
200	31.6	294.4	12,600	19,300 *	36.4	307.0	9,500	21,300 *	43.4	322.2	4,600	25,400 *	49.4	331.9		30,300 *	200
210	25.5	275.7	11,100	17,300 *	31.3	291.9	8,200	19,100 *	39.0	310.7	3,600	22,700 *	45.5	322.6		26,900 *	210
220	17.6	249.8	9,700	15,300 *	25.1	273.0	7,000	17,200 *	34.2	297.0	2,600	20,300 *	41.3	311.9		24,000 *	220
230					17.0	246.5	5,900	15,300 *	28.6	280.4	1,800	18,300 *	36.8	299.4		21,500 *	230
240									21.8	258.9	900	16,400 *	31.6	284.5		19,300 *	240
250									11.6	224.8	100	14,700 *	25.5	265.9		17,300 *	250
260													17.6	240.1		15,600 *	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	62.3	272.0	87,300 b	159,500 * b													65
70	57.6	269.0	79,400 b	136,900 * b													70
75	52.5	265.3	72,700 b	119,700 * b	62.8	270.6	61,600 b	162,000 * b									75
80	47.1	260.9	66,900	106,100 *	58.0	267.6	56,900 b	138,800 * b									80
85	41.1	255.6	61,800	95,100 *	53.0	264.1	52,700 b	121,100 * b									85
90	34.2	248.8	57,300	86,000 *	47.6	259.8	48,900	107,200 *									90
95	25.7	239.8	53,300	78,400 *	41.6	254.5	45,600	96,000 *	60.1	265.1	35,200 b	128,200 b					95
100	12.4	224.4	49,400	71,800 *	34.9	247.9	42,600	86,800 *	55.2	261.8	32,800 b	120,600 b					100
105					26.6	239.1	39,800	79,000 *	50.0	257.8	30,600	113,000 *					105
110					14.2	224.9	37,200	72,400 *	44.3	253.0	28,700	100,700 *					110
115									38.0	247.1	26,800	90,700 *	57.0	257.6	18,500 b	95,600 b	115
120									30.5	239.4	25,200	82,300 *	51.9	253.9	17,300	90,800	120
125									20.6	228.5	23,500	75,200 *	46.4	249.4	16,100	86,500	125
130													40.4	243.9	15,000	82,500	130
135													33.4	237.0	14,000	78,900	135
140													24.6	227.6	13,000	75,400	140
145													9.9	210.4	12,000	71,200 *	145



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	66.1	283.2	86,800 b	160,500 *b													65
70	62.1	280.6	78,900 b	137,700 *b													70
75	57.9	277.7	72,200 b	120,300 *b	66.4	281.8	60,900 b	163,000 *b									75
80	53.5	274.1	66,500	106,600 *	62.4	279.3	56,100 b	139,600 *b									80
85	48.8	270.0	61,400	95,500 *	58.3	276.3	52,000 b	121,800 *b									85
90	43.8	265.0	57,000	86,300 *	53.9	272.8	48,300	107,800 *									90
95	38.2	259.1	53,000	78,600 *	49.3	268.7	45,000	96,400 *									95
100	31.9	251.7	49,400	72,100 *	44.3	263.9	42,000	87,100 *	60.1	273.7	31,900 b	120,000 b					100
105	24.0	241.9	46,200	66,400 *	38.8	258.1	39,300	79,300 *	55.9	270.5	29,800	113,200					105
110	11.6	225.4	43,000	61,400 *	32.5	250.8	36,900	72,700 *	51.4	266.7	27,900	101,200 *					110
115					24.8	241.3	34,600	66,900 *	46.5	262.2	26,100	91,100 *					115
120					13.2	226.0	32,400	61,900 *	41.3	256.8	24,500	82,600 *	57.4	266.3	16,400	90,100	120
125									35.4	250.3	23,000	75,500 *	53.0	262.7	15,200	85,800	125
130									28.4	242.0	21,500	69,400 *	48.3	258.5	14,200	81,900	130
135									19.2	230.1	20,200	64,100 *	43.2	253.4	13,200	78,200	135
140													37.6	247.4	12,300	74,900	140
145													31.1	239.8	11,400	71,500 *	145
150													22.9	229.6	10,600	65,900 *	150
155													9.2	211.1	9,600	61,000 *	155



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	68.9	294.1	86,400 b	151,900 *b													65
70	65.4	291.9	78,500 b	138,300 *b													70
75	61.8	289.3	71,800	120,800 *													75
80	58.1	286.3	66,100	107,000 *	65.7	290.5	55,500 b	140,200 *b									80
85	54.2	282.9	61,000	95,800 *	62.2	287.9	51,400	122,300 *									85
90	50.2	278.9	56,600	86,600 *	58.5	285.0	47,700	108,100 *									90
95	45.8	274.2	52,700	78,800 *	54.6	281.6	44,500	96,800 *									95
100	41.1	268.8	49,200	72,200 *	50.6	277.6	41,500	87,400 *									100
105	35.9	262.4	46,000	66,500 *	46.2	273.1	38,900	79,500 *	60.1	282.4	29,200	112,700					105
110	29.9	254.4	43,100	61,600 *	41.6	267.7	36,500	72,800 *	56.3	279.2	27,300	101,500 *					110
115	22.5	243.9	40,400	57,200 *	36.4	261.4	34,300	67,100 *	52.4	275.5	25,500	91,300 *					115
120	10.9	226.3	37,800	53,300 *	30.5	253.6	32,300	62,000 *	48.2	271.2	23,900	82,900 *					120
125					23.3	243.4	30,400	57,600 *	43.7	266.3	22,500	75,700 *	57.7	275.0	14,600	85,300	125
130					12.4	227.0	28,500	53,700 *	38.8	260.4	21,100	69,500 *	53.8	271.5	13,600	81,400	130
135									33.3	253.3	19,800	64,200 *	49.7	267.4	12,600	77,800	135
140									26.7	244.3	18,600	59,500 *	45.3	262.7	11,700	74,500	140
145									18.1	231.7	17,400	55,400 *	40.6	257.2	10,900	71,400	145
150													35.3	250.6	10,100	66,100 *	150
155													29.2	242.4	9,400	61,200 *	155
160													21.6	231.5	8,600	56,800 *	160
165													8.6	211.8	7,800	53,000 *	165



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	68.0	302.8	78,000 b	133,700 *b													70
75	64.9	300.6	71,300	121,700 *													75
80	61.6	298.0	65,500	107,600 *													80
85	58.3	295.0	60,500	96,300 *	65.2	299.2	50,600	123,200 *									85
90	54.8	291.6	56,100	86,900 *	61.9	296.6	47,000	108,800 *									90
95	51.2	287.7	52,200	79,000 *	58.6	293.7	43,700	97,300 *									95
100	47.4	283.3	48,700	72,400 *	55.2	290.3	40,800	87,700 *									100
105	43.3	278.3	45,500	66,600 *	51.6	286.5	38,200	79,700 *									105
110	38.9	272.4	42,700	61,600 *	47.8	282.1	35,800	73,000 *	60.1	291.1	26,400	102,100 *					110
115	34.0	265.4	40,100	57,200 *	43.7	277.1	33,700	67,100 *	56.7	287.9	24,700	91,800 *					115
120	28.3	256.9	37,700	53,300 *	39.3	271.3	31,700	62,100 *	53.2	284.3	23,100	83,100 *					120
125	21.3	245.7	35,400	49,800 *	34.5	264.5	29,800	57,600 *	49.5	280.2	21,700	75,900 *					125
130	10.3	227.1	33,200	46,600 *	28.9	256.1	28,100	53,600 *	45.5	275.5	20,400	69,600 *	57.9	283.7	12,700	80,700	130
135					22.0	245.3	26,500	50,100 *	41.3	270.1	19,100	64,200 *	54.5	280.2	11,700	77,100	135
140					11.7	228.0	24,900	46,900 *	36.7	263.7	17,900	59,500 *	50.8	276.3	10,900	73,800	140
145									31.5	256.1	16,800	55,400 *	47.0	271.8	10,100	70,700	145
150									25.3	246.6	15,800	51,700 *	42.9	266.7	9,300	66,100 *	150
155									17.1	233.1	14,700	48,300 *	38.4	260.7	8,600	61,200 *	155
160													33.4	253.6	7,900	56,800 *	160
165													27.7	244.9	7,200	53,000 *	165
170													20.4	233.2	6,600	49,500 *	170
175													8.1	212.5	5,800	46,400 *	175



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	70.1	313.6	77,400 b	128,200 *b													70
75	67.3	311.6	70,700	123,700 *													75
80	64.4	309.3	65,000	110,000 *													80
85	61.5	306.6	59,900	98,400 *	67.6	310.1	49,900	124,000 *									85
90	58.5	303.7	55,500	88,800 *	64.7	307.9	46,300	111,300 *									90
95	55.3	300.3	51,600	80,800 *	61.8	305.3	43,100	99,400 *									95
100	52.1	296.6	48,200	73,900 *	58.7	302.3	40,200	89,700 *									100
105	48.7	292.3	45,000	68,000 *	55.6	299.0	37,600	81,500 *									105
110	45.0	287.5	42,200	62,900 *	52.4	295.3	35,200	74,500 *									110
115	41.2	282.0	39,600	58,400 *	49.0	291.1	33,100	68,600 *	60.1	299.7	24,000	93,800 *					115
120	37.0	275.7	37,300	54,400 *	45.4	286.4	31,100	63,400 *	57.0	296.6	22,500	84,900 *					120
125	32.3	268.3	35,100	50,900 *	41.6	281.0	29,300	58,800 *	53.8	293.0	21,000	77,500 *					125
130	27.0	259.3	33,100	47,700 *	37.4	274.7	27,600	54,800 *	50.5	289.1	19,700	71,100 *					130
135	20.3	247.5	31,200	44,800 *	32.8	267.4	26,000	51,200 *	47.0	284.6	18,500	65,600 *					135
140	9.7	227.9	29,300	41,600 *	27.5	258.6	24,600	48,000 *	43.3	279.5	17,300	60,800 *	55.0	288.9	10,200	73,200	140
145					21.0	247.1	23,200	45,000 *	39.3	273.7	16,300	56,500 *	51.7	285.1	9,400	70,200	145
150					11.2	229.0	21,800	42,400 *	34.9	266.9	15,300	52,800 *	48.3	280.8	8,600	67,300	150
155									29.9	258.8	14,300	49,400 *	44.6	276.0	7,900	62,500 *	155
160									24.1	248.7	13,400	46,300 *	40.7	270.4	7,300	58,000 *	160
165									16.2	234.5	12,500	43,500 *	36.5	264.0	6,600	54,100 *	165
170													31.8	256.5	6,000	50,600 *	170
175													26.3	247.2	5,400	47,400 *	175
180													19.4	234.9	4,900	44,500 *	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	69.3	322.4	70,200	114,100 *													75
80	66.7	320.3	64,400	110,200 *													80
85	64.1	317.9	59,400	98,900 *													85
90	61.4	315.3	55,000	89,200 *	67.0	318.9	45,600	110,500 *									90
95	58.6	312.3	51,100	81,000 *	64.3	316.5	42,400	99,900 *									95
100	55.7	309.0	47,600	74,000 *	61.6	313.9	39,500	90,000 *									100
105	52.8	305.3	44,500	68,100 *	58.9	311.0	36,900	81,700 *									105
110	49.7	301.2	41,700	62,900 *	56.0	307.7	34,600	74,700 *									110
115	46.4	296.6	39,100	58,300 *	53.0	304.1	32,400	68,600 *	62.8	311.2	23,200	94,200 *					115
120	43.0	291.5	36,800	54,300 *	50.0	300.0	30,500	63,300 *	60.1	308.4	21,700	85,200 *					120
125	39.3	285.6	34,600	50,700 *	46.7	295.5	28,700	58,700 *	57.3	305.3	20,300	77,700 *					125
130	35.3	278.9	32,600	47,500 *	43.3	290.4	27,000	54,600 *	54.4	301.8	18,900	71,200 *					130
135	30.9	271.1	30,800	44,500 *	39.7	284.6	25,500	51,000 *	51.3	297.9	17,700	65,600 *					135
140	25.8	261.6	29,100	41,900 *	35.7	278.0	24,000	47,800 *	48.2	293.6	16,600	60,700 *					140
145	19.4	249.2	27,400	39,500 *	31.3	270.2	22,700	44,800 *	44.9	288.7	15,600	56,400 *	55.4	297.7	8,500	69,500	145
150	9.3	228.7	25,800	36,800 *	26.3	260.9	21,400	42,100 *	41.3	283.3	14,600	52,600 *	52.4	293.9	7,800	66,700	150
155					20.0	248.9	20,200	39,700 *	37.5	277.1	13,600	49,200 *	49.3	289.8	7,100	62,400 *	155
160					10.7	229.9	18,900	37,500 *	33.3	269.9	12,800	46,100 *	46.1	285.1	6,500	57,900 *	160
165									28.6	261.3	11,900	43,300 *	42.6	279.9	5,900	53,900 *	165
170									23.0	250.7	11,100	40,800 *	38.9	274.0	5,300	50,400 *	170
175									15.5	235.9	10,300	38,500 *	34.9	267.2	4,700	47,200 *	175
180													30.4	259.2	4,200	44,300 *	180
190													18.5	236.5	3,200	39,300 *	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	71.0	333.0	69,900	106,900 *													75
80	68.6	331.2	64,100	103,500 *													80
85	66.2	329.0	59,100	98,900 *													85
90	63.8	326.6	54,700	89,100 *													90
95	61.3	324.0	50,800	80,900 *	66.4	327.6	42,000	99,900 *									95
100	58.7	321.0	47,400	73,900 *	64.0	325.2	39,200	90,000 *									100
105	56.1	317.7	44,300	68,000 *	61.5	322.6	36,600	81,600 *									105
110	53.4	314.1	41,400	62,800 *	58.9	319.6	34,300	74,600 *									110
115	50.5	310.1	38,900	58,200 *	56.3	316.4	32,100	68,500 *									115
120	47.6	305.7	36,600	54,100 *	53.6	312.8	30,200	63,200 *	62.6	319.8	21,300	85,200 *					120
125	44.5	300.8	34,400	50,500 *	50.8	308.9	28,400	58,600 *	60.1	317.0	19,900	77,600 *					125
130	41.2	295.3	32,500	47,300 *	47.9	304.5	26,700	54,500 *	57.5	313.9	18,600	71,100 *					130
135	37.7	289.1	30,600	44,400 *	44.8	299.6	25,200	50,900 *	54.8	310.5	17,400	65,500 *					135
140	33.9	282.0	29,000	41,800 *	41.5	294.2	23,800	47,600 *	52.0	306.7	16,300	60,600 *					140
145	29.6	273.7	27,400	39,400 *	38.0	288.1	22,500	44,700 *	49.2	302.5	15,300	56,300 *					145
150	24.7	263.8	25,900	37,100 *	34.3	281.1	21,200	42,000 *	46.2	297.9	14,300	52,500 *	55.8	306.4	7,500	66,400	150
155	18.6	250.8	24,500	35,100 *	30.1	272.9	20,100	39,600 *	43.0	292.7	13,400	49,000 *	53.0	302.7	6,800	62,300 *	155
160	8.9	229.4	23,000	32,800 *	25.2	263.1	18,900	37,400 *	39.6	286.9	12,500	46,000 *	50.2	298.7	6,200	57,800 *	160
165					19.2	250.6	17,900	35,300 *	36.0	280.3	11,700	43,200 *	47.3	294.2	5,600	53,800 *	165
170					10.2	230.7	16,800	33,400 *	32.0	272.7	10,900	40,600 *	44.1	289.2	5,000	50,200 *	170
175									27.4	263.8	10,200	38,300 *	40.9	283.7	4,500	47,100 *	175
180									22.1	252.6	9,500	36,200 *	37.3	277.4	4,000	44,200 *	180
190													29.1	261.8	3,000	39,200 *	190
200													17.8	238.1	2,100	35,000 *	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	70.2	341.9	63,500	96,800 *													80
85	68.0	339.9	58,500	93,900 *													85
90	65.8	337.7	54,100	88,700 *													90
95	63.5	335.3	50,200	80,500 *													95
100	61.2	332.6	46,800	73,500 *	66.0	336.3	38,500	89,500 *									100
105	58.8	329.7	43,700	67,500 *	63.7	333.9	35,900	81,200 *									105
110	56.4	326.4	40,900	62,300 *	61.4	331.2	33,600	74,100 *									110
115	53.8	322.9	38,300	57,700 *	59.0	328.3	31,400	68,100 *									115
120	51.3	319.0	36,000	53,700 *	56.6	325.1	29,500	62,800 *									120
125	48.6	314.7	33,900	50,100 *	54.1	321.6	27,700	58,200 *	62.4	328.5	19,100	77,200 *					125
130	45.7	309.9	31,900	46,800 *	51.5	317.7	26,100	54,100 *	60.1	325.7	17,900	70,700 *					130
135	42.8	304.7	30,100	43,900 *	48.8	313.5	24,600	50,400 *	57.7	322.6	16,700	65,000 *					135
140	39.6	298.9	28,400	41,300 *	46.0	308.8	23,200	47,200 *	55.2	319.2	15,600	60,100 *					140
145	36.3	292.4	26,900	38,900 *	43.1	303.6	21,900	44,200 *	52.6	315.5	14,500	55,800 *					145
150	32.6	284.9	25,400	36,700 *	39.9	297.8	20,600	41,500 *	50.0	311.4	13,600	52,000 *					150
155	28.5	276.3	24,100	34,700 *	36.6	291.4	19,500	39,100 *	47.3	307.0	12,700	48,600 *	56.1	315.1	6,000	61,900 *	155
160	23.8	265.9	22,700	32,800 *	33.0	284.0	18,400	36,900 *	44.4	302.0	11,800	45,500 *	53.6	311.5	5,400	57,300 *	160
165	17.9	252.3	21,500	31,000 *	28.9	275.5	17,400	34,800 *	41.3	296.5	11,000	42,700 *	51.0	307.5	4,800	53,400 *	165
170	8.6	230.1	20,200	29,100 *	24.3	265.3	16,400	33,000 *	38.1	290.4	10,300	40,200 *	48.3	303.2	4,300	49,800 *	170
175					18.5	252.2	15,400	31,200 *	34.6	283.5	9,600	37,900 *	45.4	298.4	3,700	46,600 *	175
180					9.8	231.5	14,500	29,600 *	30.8	275.5	8,900	35,800 *	42.4	293.1	3,200	43,700 *	180
190									21.2	254.5	7,600	32,000 *	35.9	280.6	2,300	38,700 *	190
200													28.0	264.3	1,400	34,500 *	200
210													17.1	239.6	600	30,900 *	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	69.5	350.7	58,000	88,700 *													85
90	67.5	348.7	53,600	86,200 *													90
95	65.4	346.4	49,700	82,300 *													95
100	63.3	344.0	46,200	75,000 *	67.7	347.2	37,800	86,000 *									100
105	61.1	341.3	43,100	68,800 *	65.6	345.0	35,300	83,000 *									105
110	58.9	338.3	40,300	63,500 *	63.5	342.6	32,900	75,700 *									110
115	56.6	335.1	37,800	58,700 *	61.3	339.9	30,800	69,400 *									115
120	54.3	331.6	35,500	54,600 *	59.1	337.0	28,900	63,900 *									120
125	51.9	327.8	33,300	50,900 *	56.8	333.8	27,100	59,200 *									125
130	49.4	323.6	31,400	47,500 *	54.5	330.3	25,500	55,000 *	62.3	337.2	17,200	72,100 *					130
135	46.8	319.0	29,600	44,600 *	52.1	326.5	24,000	51,200 *	60.1	334.4	16,000	66,300 *					135
140	44.1	314.0	27,900	41,800 *	49.6	322.4	22,600	47,800 *	57.8	331.3	14,900	61,200 *					140
145	41.2	308.5	26,400	39,400 *	47.0	317.8	21,300	44,800 *	55.5	327.9	13,900	56,800 *					145
150	38.2	302.4	24,900	37,100 *	44.3	312.9	20,100	42,100 *	53.2	324.3	12,900	52,800 *					150
155	35.0	295.5	23,600	35,000 *	41.5	307.4	18,900	39,600 *	50.7	320.3	12,000	49,300 *					155
160	31.5	287.8	22,300	33,100 *	38.5	301.3	17,900	37,300 *	48.2	316.0	11,200	46,100 *	56.4	323.8	4,700	58,300 *	160
165	27.5	278.7	21,100	31,400 *	35.3	294.6	16,800	35,200 *	45.5	311.2	10,400	43,300 *	54.0	320.2	4,100	54,200 *	165
170	22.9	267.9	20,000	29,700 *	31.8	286.9	15,900	33,300 *	42.8	305.9	9,700	40,700 *	51.6	316.4	3,600	50,500 *	170
175	17.3	253.8	18,800	28,200 *	27.9	278.0	15,000	31,500 *	39.9	300.2	9,000	38,300 *	49.1	312.1	3,100	47,300 *	175
180	8.3	230.8	17,700	25,200 *	23.4	267.3	14,100	29,900 *	36.7	293.7	8,300	36,200 *	46.5	307.5	2,600	44,300 *	180
190					9.5	232.3	12,400	26,400 *	29.7	278.2	7,100	32,300 *	40.9	296.9	1,700	39,200 *	190
200									20.5	256.3	5,900	29,000 *	34.6	283.8	900	34,900 *	200
210													27.1	266.7	100	31,200 *	210
220													16.5	241.0		28,100 *	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	70.9	361.3	57,400	83,000 *													85
90	69.0	359.5	53,000	80,700 *													90
95	67.0	357.4	49,100	78,500 *													95
100	65.1	355.1	45,600	74,500 *													100
105	63.1	352.6	42,500	68,300 *	67.2	356.0	34,500	78,300 *									105
110	61.0	349.9	39,700	62,900 *	65.2	353.7	32,200	75,200 *									110
115	58.9	347.0	37,200	58,200 *	63.2	351.2	30,100	68,900 *									115
120	56.8	343.8	34,900	54,000 *	61.2	348.6	28,200	63,400 *									120
125	54.6	340.3	32,800	50,300 *	59.1	345.6	26,400	58,600 *									125
130	52.4	336.6	30,800	47,000 *	57.0	342.5	24,800	54,400 *									130
135	50.1	332.5	29,000	44,000 *	54.9	339.0	23,300	50,700 *	62.1	345.8	15,200	65,800 *					135
140	47.7	328.1	27,400	41,300 *	52.6	335.3	21,900	47,300 *	60.1	343.0	14,100	60,700 *					140
145	45.2	323.2	25,800	38,800 *	50.3	331.3	20,600	44,300 *	58.0	340.0	13,100	56,200 *					145
150	42.6	318.0	24,400	36,600 *	47.9	326.9	19,400	41,600 *	55.8	336.6	12,200	52,300 *					150
155	39.9	312.2	23,000	34,500 *	45.4	322.1	18,300	39,100 *	53.6	333.0	11,300	48,800 *					155
160	37.0	305.7	21,800	32,600 *	42.9	316.8	17,200	36,800 *	51.3	329.1	10,500	45,600 *					160
165	33.8	298.6	20,600	30,900 *	40.1	311.1	16,200	34,700 *	49.0	324.9	9,700	42,800 *	56.6	332.5	3,300	53,700 *	165
170	30.4	290.5	19,500	29,200 *	37.2	304.7	15,300	32,800 *	46.6	320.3	9,000	40,200 *	54.4	329.0	2,800	50,000 *	170
175	26.6	281.1	18,400	27,700 *	34.1	297.6	14,400	31,000 *	44.0	315.3	8,300	37,800 *	52.2	325.2	2,300	46,700 *	175
180	22.2	269.8	17,400	26,300 *	30.7	289.6	13,600	29,400 *	41.3	309.7	7,600	35,600 *	49.8	321.0	1,800	43,800 *	180
190	8.0	231.5	15,400	22,300 *	22.6	269.3	12,000	26,400 *	35.5	296.9	6,400	31,800 *	44.9	311.7	900	38,600 *	190
200					9.1	233.1	10,400	23,400 *	28.7	280.7	5,300	28,500 *	39.6	300.5	100	34,400 *	200
210									19.8	258.0	4,200	25,700 *	33.5	286.8		30,700 *	210
220													26.2	269.0		27,600 *	220
230													16.0	242.4		24,800 *	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	70.3	370.2	52,700	76,000 *													90
95	68.5	368.2	48,800	73,900 *													95
100	66.6	366.1	45,300	71,700 *													100
105	64.8	363.8	42,200	68,000 *													105
110	62.9	361.3	39,400	62,600 *	66.8	364.7	31,900	71,500 *									110
115	61.0	358.6	36,900	57,900 *	64.9	362.4	29,800	68,600 *									115
120	59.0	355.7	34,600	53,800 *	63.1	359.9	27,800	63,100 *									120
125	57.0	352.5	32,400	50,000 *	61.1	357.2	26,100	58,400 *									125
130	55.0	349.1	30,500	46,700 *	59.2	354.3	24,500	54,100 *									130
135	52.9	345.4	28,700	43,700 *	57.2	351.2	23,000	50,400 *									135
140	50.7	341.4	27,100	41,000 *	55.2	347.7	21,600	47,000 *	62.0	354.5	13,800	60,400 *					140
145	48.5	337.0	25,500	38,500 *	53.1	344.1	20,300	44,000 *	60.1	351.7	12,800	56,000 *					145
150	46.2	332.4	24,100	36,300 *	50.9	340.1	19,100	41,300 *	58.1	348.6	11,800	52,000 *					150
155	43.8	327.3	22,800	34,200 *	48.7	335.8	18,000	38,800 *	56.1	345.3	11,000	48,500 *					155
160	41.3	321.7	21,500	32,300 *	46.4	331.2	16,900	36,500 *	54.0	341.8	10,100	45,300 *					160
165	38.6	315.7	20,300	30,500 *	44.0	326.1	15,900	34,400 *	51.9	338.0	9,400	42,500 *					165
170	35.8	309.0	19,200	28,900 *	41.5	320.6	15,000	32,500 *	49.7	333.8	8,600	39,900 *	56.8	341.1	2,400	49,700 *	170
175	32.8	301.5	18,200	27,400 *	38.9	314.6	14,100	30,700 *	47.4	329.3	8,000	37,500 *	54.7	337.7	1,900	46,400 *	175
180	29.5	293.1	17,200	26,000 *	36.1	308.0	13,300	29,100 *	45.1	324.5	7,300	35,300 *	52.6	333.9	1,500	43,500 *	180
190	21.5	271.7	15,300	23,400 *	29.8	292.3	11,700	26,100 *	40.0	313.4	6,100	31,500 *	48.2	325.6	600	38,300 *	190
200	7.7	232.1	13,500	19,800 *	21.9	271.3	10,300	23,500 *	34.4	300.0	5,000	28,200 *	43.5	315.7		34,100 *	200
210					8.9	233.9	8,900	20,900 *	27.8	283.2	4,000	25,400 *	38.3	304.0		30,400 *	210
220									19.2	259.7	3,000	22,900 *	32.4	289.7		27,300 *	220
230													25.4	271.2		24,600 *	230
240													15.5	243.7		22,200 *	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 180 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	69.7	379.0	48,200	69,200 *													95
100	68.0	377.0	44,700	66,700 *													100
105	66.3	374.8	41,600	64,200 *													105
110	64.5	372.5	38,800	61,700 *													110
115	62.7	370.0	36,300	57,400 *	66.4	373.4	29,100	64,000 *									115
120	60.9	367.3	34,000	53,200 *	64.7	371.1	27,200	61,700 *									120
125	59.1	364.3	31,900	49,500 *	62.9	368.6	25,400	57,800 *									125
130	57.2	361.2	29,900	46,200 *	61.1	365.9	23,800	53,600 *									130
135	55.3	357.8	28,100	43,200 *	59.2	363.0	22,300	49,900 *									135
140	53.3	354.1	26,500	40,500 *	57.4	359.8	20,900	46,500 *									140
145	51.3	350.2	25,000	38,000 *	55.4	356.5	19,700	43,500 *	61.9	363.2	12,000	55,400 *					145
150	49.2	346.0	23,500	35,800 *	53.5	352.8	18,500	40,700 *	60.1	360.3	11,100	51,500 *					150
155	47.0	341.4	22,200	33,700 *	51.5	348.9	17,300	38,200 *	58.2	357.3	10,200	48,000 *					155
160	44.8	336.5	21,000	31,800 *	49.4	344.7	16,300	36,000 *	56.3	354.0	9,400	44,800 *					160
165	42.5	331.2	19,800	30,000 *	47.2	340.2	15,300	33,900 *	54.3	350.5	8,600	41,900 *					165
170	40.0	325.4	18,700	28,400 *	45.0	335.3	14,400	32,000 *	52.4	346.7	7,900	39,300 *					170
175	37.5	319.1	17,700	26,900 *	42.7	330.1	13,500	30,200 *	50.3	342.7	7,300	37,000 *	57.0	349.8	1,100	45,900 *	175
180	34.8	312.1	16,700	25,500 *	40.3	324.3	12,700	28,500 *	48.2	338.3	6,600	34,800 *	55.0	346.4	700	42,900 *	180
190	28.6	295.7	14,900	22,900 *	35.0	311.2	11,100	25,600 *	43.7	328.5	5,400	31,000 *	51.0	338.8		37,800 *	190
200	20.9	273.5	13,200	20,600 *	28.9	294.9	9,700	23,000 *	38.9	317.0	4,400	27,700 *	46.8	329.9		33,500 *	200
210	7.5	232.8	11,600	17,400 *	21.3	273.1	8,500	20,700 *	33.4	303.0	3,400	24,900 *	42.2	319.6		29,900 *	210
220					8.6	234.6	7,200	18,400 *	27.0	285.6	2,500	22,400 *	37.2	307.4		26,800 *	220
230									18.6	261.3	1,600	20,200 *	31.5	292.5		24,000 *	230
240													24.6	273.4		21,700 *	240
250													15.0	245.0		19,500 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
95	70.8	389.6	47,600	64,400 *													95
100	69.2	387.8	44,200	62,300 *													100
105	67.6	385.7	41,100	60,000 *													105
110	65.9	383.6	38,300	57,600 *													110
115	64.3	381.2	35,700	55,200 *	67.7	384.3	28,500	59,700 *									115
120	62.6	378.6	33,400	52,700 *	66.1	382.1	26,600	57,600 *									120
125	60.9	375.9	31,300	49,000 *	64.4	379.8	24,800	55,300 *									125
130	59.1	373.0	29,400	45,700 *	62.7	377.3	23,200	53,000 *									130
135	57.3	369.8	27,600	42,700 *	61.0	374.5	21,700	49,400 *									135
140	55.5	366.5	26,000	40,000 *	59.3	371.6	20,400	46,000 *									140
145	53.7	362.9	24,400	37,500 *	57.5	368.5	19,100	43,000 *									145
150	51.8	359.0	23,000	35,300 *	55.7	365.2	17,900	40,200 *	61.8	371.8	10,500	51,000 *					150
155	49.8	354.9	21,700	33,200 *	53.8	361.6	16,800	37,700 *	60.1	369.0	9,600	47,500 *					155
160	47.8	350.4	20,500	31,300 *	51.9	357.7	15,700	35,500 *	58.3	366.0	8,800	44,300 *					160
165	45.7	345.7	19,300	29,500 *	50.0	353.6	14,800	33,400 *	56.5	362.7	8,000	41,400 *					165
170	43.5	340.5	18,200	27,900 *	48.0	349.2	13,800	31,500 *	54.7	359.2	7,300	38,800 *					170
175	41.3	335.0	17,200	26,400 *	45.9	344.5	13,000	29,700 *	52.8	355.5	6,700	36,500 *					175
180	38.9	328.9	16,200	25,000 *	43.7	339.4	12,200	28,000 *	50.8	351.5	6,000	34,300 *	57.1	358.5	42,400 *		180
190	33.8	315.2	14,400	22,400 *	39.1	327.9	10,600	25,100 *	46.8	342.7	4,900	30,500 *	53.5	351.5	37,300 *		190
200	27.8	298.1	12,800	20,100 *	34.0	314.2	9,300	22,500 *	42.5	332.4	3,800	27,200 *	49.6	343.4	33,000 *		200
210	20.3	275.3	11,300	18,100 *	28.1	297.4	8,000	20,300 *	37.8	320.4	2,800	24,400 *	45.5	334.1	29,400 *		210
220	7.3	233.4	9,800	15,200 *	20.7	275.0	6,800	18,200 *	32.5	306.0	1,900	21,900 *	41.0	323.4	26,300 *		220
230					8.4	235.3	5,600	16,200 *	26.3	287.9	1,100	19,700 *	36.2	310.6	23,500 *		230
240									18.1	262.9	300	17,700 *	30.6	295.2	21,200 *		240
250													23.9	275.5	19,100 *		250
260													14.6	246.3	17,200 *		260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

200 Ft. Boom, 200 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
110	67.2	394.5	37,700	51,600 *													110
115	65.7	392.3	35,200	49,300 *													115
120	64.1	389.9	32,900	47,000 *	67.4	393.0	25,900	51,500 *									120
125	62.5	387.3	30,700	44,900 *	65.8	390.8	24,200	49,400 *									125
130	60.8	384.6	28,800	42,700 *	64.2	388.5	22,600	47,200 *									130
135	59.2	381.6	27,000	40,700 *	62.6	385.9	21,100	45,000 *									135
140	57.5	378.5	25,400	38,700 *	61.0	383.2	19,700	43,000 *									140
145	55.7	375.2	23,900	36,700 *	59.3	380.3	18,400	40,900 *									145
150	54.0	371.6	22,400	34,900 *	57.6	377.2	17,300	38,900 *									150
155	52.2	367.8	21,100	33,000 *	55.9	373.9	16,100	37,000 *	61.7	380.5	8,900	43,400 *					155
160	50.3	363.7	19,900	31,100 *	54.2	370.3	15,100	35,200 *	60.0	377.7	8,100	41,500 *					160
165	48.4	359.4	18,700	29,300 *	52.4	366.5	14,100	33,200 *	58.4	374.6	7,300	39,600 *					165
170	46.5	354.7	17,600	27,600 *	50.5	362.5	13,200	31,300 *	56.7	371.4	6,600	37,700 *					170
175	44.5	349.8	16,600	26,100 *	48.6	358.2	12,400	29,500 *	54.9	368.0	5,900	35,900 *					175
180	42.4	344.4	15,600	24,600 *	46.7	353.6	11,500	27,800 *	53.2	364.3	5,300	34,200 *					180
190	37.9	332.4	13,900	22,100 *	42.6	343.3	10,000	24,800 *	49.5	356.2	4,200	30,300 *	55.6	363.8	36,200 *		190
200	32.9	318.1	12,300	19,800 *	38.1	331.4	8,700	22,200 *	45.6	346.9	3,100	26,900 *	52.0	356.4	32,900 *		200
210	27.1	300.5	10,800	17,700 *	33.1	317.2	7,400	19,900 *	41.4	336.2	2,200	24,000 *	48.2	347.9	29,200 *		210
220	19.8	277.1	9,400	15,800 *	27.4	299.8	6,300	17,800 *	36.8	323.7	1,300	21,500 *	44.2	338.2	26,000 *		220
230	7.1	234.0	8,000	13,300 *	20.2	276.7	5,200	16,000 *	31.6	308.8	500	19,300 *	39.9	327.0	23,200 *		230
240					8.1	236.0	4,100	14,100 *	25.6	290.2		17,300 *	35.2	313.8	20,800 *		240
250									17.7	264.4		15,600 *	29.8	297.9	18,700 *		250
260													23.3	277.6	16,800 *		260
270													14.2	247.5	15,000 *		270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	64.6	293.1	86,200 b	173,200 * b													65
70	59.9	290.4	78,400 b	147,100 * b													70
75	55.0	287.0	71,800 b	127,500 * b	66.0	292.0	59,400 b	179,400 b									75
80	49.8	283.0	66,000	112,300 *	61.3	289.5	54,800 b	154,100 * b									80
85	44.1	278.2	61,000	100,200 *	56.5	286.3	50,700 b	132,900 * b									85
90	37.7	272.2	56,600	90,200 *	51.4	282.5	47,200 b	116,500 * b									90
95	30.1	264.4	52,600	81,900 *	45.8	278.0	43,900	103,600 *									95
100	20.1	253.2	48,900	74,900 *	39.7	272.3	41,000	93,000 *	60.3	284.5	29,900 b	118,100 b					100
105					32.6	265.2	38,400	84,300 *	55.4	281.2	27,900 b	111,500 b					105
110					23.5	255.4	36,000	76,900 *	50.2	277.3	26,100	105,400					110
115					6.5	235.3	33,500	70,500 *	44.5	272.5	24,400	100,000					115
120									38.2	266.6	22,900	91,000 *					120
125									30.8	259.1	21,400	82,600 *	53.8	274.2	13,000 b	83,900 b	125
130									21.0	248.3	20,000	75,500 *	48.5	270.0	12,000	80,000	130
135													42.7	264.9	11,200	76,500	135
140													36.1	258.6	10,300	73,200	140
145													28.1	250.3	9,500	70,100	145
150													16.9	237.6	8,700	67,200	150



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	68.0	304.1	85,700 b	163,700 *b													65
70	64.0	301.8	77,900 b	148,000 *b													70
75	59.9	299.0	71,200 b	128,200 *b													75
80	55.7	295.8	65,500	112,900 *	65.2	300.7	54,000 b	155,100 *b									80
85	51.1	291.9	60,500	100,600 *	61.2	298.1	50,000 b	133,600 *b									85
90	46.3	287.4	56,100	90,600 *	57.0	295.0	46,400	117,100 *									90
95	41.0	282.0	52,200	82,200 *	52.5	291.4	43,300	104,100 *									95
100	35.1	275.4	48,700	75,200 *	47.8	287.0	40,400	93,400 *									100
105	28.1	266.9	45,500	69,100 *	42.7	281.9	37,800	84,600 *	60.3	293.2	27,100 b	110,800 b					105
110	18.7	254.8	42,500	63,800 *	37.0	275.7	35,500	77,200 *	56.0	289.9	25,300	104,800					110
115					30.3	267.9	33,300	70,800 *	51.5	286.2	23,600	99,400					115
120					21.9	257.3	31,200	65,300 *	46.7	281.7	22,100	91,400 *					120
125					6.0	235.7	29,100	60,400 *	41.5	276.4	20,700	82,900 *					125
130									35.6	269.9	19,400	75,700 *	54.7	282.9	11,100	79,300	130
135									28.7	261.6	18,200	69,600 *	50.1	278.9	10,300	75,800	135
140									19.6	250.0	17,000	64,200 *	45.1	274.2	9,500	72,600	140
145													39.7	268.6	8,700	69,500	145
150													33.6	261.6	8,000	66,700	150
155													26.2	252.6	7,300	64,100	155
160													15.8	238.9	6,600	61,500	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	70.5	314.9	85,200 b	150,800 * b													65
70	67.1	312.8	77,400 b	144,900 * b													70
75	63.6	310.5	70,800 b	128,800 * b													75
80	59.9	307.7	65,100	113,300 *													80
85	56.2	304.5	60,100	101,000 *	64.7	309.4	49,400 b	134,200 * b									85
90	52.2	300.7	55,800	90,900 *	61.0	306.8	45,900	117,600 *									90
95	48.0	296.4	51,900	82,400 *	57.3	303.7	42,700	104,400 *									95
100	43.5	291.4	48,400	75,300 *	53.4	300.1	39,900	93,700 *									100
105	38.5	285.5	45,300	69,200 *	49.3	296.0	37,300	84,800 *									105
110	33.0	278.4	42,400	63,900 *	44.9	291.2	35,000	77,400 *	60.2	301.8	24,600	104,300					110
115	26.4	269.3	39,800	59,300 *	40.1	285.6	32,900	71,000 *	56.5	298.6	23,000	98,900					115
120	17.6	256.4	37,300	55,200 *	34.7	278.9	30,900	65,500 *	52.5	295.0	21,500	91,700 *					120
125					28.5	270.5	29,100	60,600 *	48.3	290.7	20,200	83,100 *					125
130					20.6	259.1	27,400	56,400 *	43.9	285.8	18,900	75,900 *					130
135					5.6	236.1	25,600	52,500 *	39.0	279.9	17,700	69,700 *	55.3	291.6	9,600	75,300	135
140									33.5	272.9	16,600	64,400 *	51.3	287.8	8,900	72,100	140
145									27.0	264.0	15,600	59,700 *	47.0	283.3	8,100	69,100	145
150									18.4	251.6	14,500	55,500 *	42.4	278.1	7,500	66,300	150
155													37.3	272.0	6,800	63,700	155
160													31.6	264.4	6,200	61,200	160
165													24.6	254.8	5,600	58,400 *	165
170													14.8	240.2	4,900	54,400 *	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	69.5	323.7	76,800 b	132,800 *b													70
75	66.4	321.6	70,200 b	127,900 *b													75
80	63.2	319.1	64,500	114,100 *													80
85	59.9	316.3	59,500	101,500 *	67.4	320.4	48,600 b	129,200 *b									85
90	56.6	313.2	55,200	91,300 *	64.2	318.1	45,100	118,500 *									90
95	53.0	309.5	51,300	82,700 *	60.9	315.4	41,900	105,000 *									95
100	49.3	305.4	47,900	75,500 *	57.6	312.4	39,100	94,200 *									100
105	45.4	300.7	44,800	69,300 *	54.1	308.9	36,600	85,100 *									105
110	41.1	295.2	41,900	64,000 *	50.4	304.9	34,300	77,600 *									110
115	36.5	288.8	39,400	59,300 *	46.6	300.4	32,200	71,100 *	60.2	310.5	22,100	98,200					115
120	31.2	281.2	37,000	55,100 *	42.4	295.1	30,300	65,500 *	56.8	307.3	20,700	92,100 *					120
125	25.0	271.5	34,800	51,400 *	37.9	289.1	28,500	60,600 *	53.3	303.7	19,300	83,400 *					125
130	16.6	257.8	32,700	48,100 *	32.9	281.8	26,900	56,300 *	49.6	299.7	18,100	76,100 *					130
135					27.0	272.9	25,300	52,500 *	45.7	295.0	17,000	69,800 *					135
140					19.5	260.8	23,800	49,100 *	41.5	289.6	15,900	64,400 *	55.8	300.3	7,900	71,400	140
145					5.3	236.5	22,300	46,000 *	36.9	283.3	14,900	59,700 *	52.2	296.6	7,200	68,400	145
150									31.7	275.7	13,900	55,500 *	48.4	292.3	6,600	65,600	150
155									25.5	266.3	13,000	51,800 *	44.4	287.5	6,000	63,000	155
160									17.4	253.1	12,100	48,400 *	40.1	281.8	5,400	60,600	160
165													35.3	275.2	4,800	58,300	165
170													29.9	267.1	4,300	54,300 *	170
175													23.3	256.8	3,700	50,700 *	175
180													14.0	241.4	3,200	47,500 *	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	68.7	332.4	69,600	122,500 *													75
80	65.8	330.3	63,900	116,700 *													80
85	62.9	327.8	59,000	103,800 *													85
90	60.0	325.0	54,600	93,300 *	66.7	329.2	44,400	119,500 *									90
95	56.9	321.9	50,800	84,500 *	63.8	326.8	41,300	107,400 *									95
100	53.7	318.3	47,300	77,100 *	60.9	324.1	38,500	96,200 *									100
105	50.3	314.3	44,200	70,800 *	57.8	321.0	36,000	87,000 *									105
110	46.8	309.8	41,400	65,300 *	54.6	317.6	33,700	79,200 *									110
115	43.1	304.7	38,900	60,500 *	51.4	313.8	31,600	72,600 *									115
120	39.1	298.8	36,600	56,300 *	47.9	309.4	29,700	66,900 *	60.2	319.1	20,000	92,800					120
125	34.7	292.0	34,400	52,600 *	44.2	304.5	27,900	61,900 *	57.1	316.0	18,700	85,200 *					125
130	29.7	283.8	32,500	49,200 *	40.3	298.8	26,300	57,500 *	53.9	312.5	17,400	77,700 *					130
135	23.8	273.6	30,600	46,100 *	36.0	292.3	24,800	53,600 *	50.6	308.5	16,300	71,300 *					135
140	15.8	259.1	28,800	43,400 *	31.3	284.6	23,400	50,200 *	47.1	304.1	15,200	65,800 *					140
145					25.7	275.1	22,100	47,000 *	43.4	299.0	14,300	60,900 *	56.2	309.0	6,500	67,800	145
150					18.5	262.4	20,800	44,200 *	39.4	293.2	13,300	56,700 *	52.9	305.4	5,900	65,100	150
155					5.0	236.9	19,400	40,600 *	35.0	286.5	12,500	52,900 *	49.6	301.3	5,300	62,500	155
160									30.1	278.4	11,600	49,500 *	46.0	296.6	4,700	60,100	160
165									24.3	268.4	10,800	46,400 *	42.2	291.3	4,200	57,800	165
170									16.6	254.5	10,000	43,600 *	38.1	285.3	3,700	55,500 *	170
175													33.6	278.2	3,200	51,800 *	175
180													28.4	269.7	2,700	48,500 *	180
190													13.3	242.5	1,700	42,900 *	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	70.5	343.1	69,000	112,600 *													75
80	68.0	341.2	63,300	109,200 *													80
85	65.4	339.0	58,400	104,400 *													85
90	62.7	336.5	54,000	93,700 *													90
95	60.0	333.7	50,200	84,800 *	66.2	337.9	40,500	106,600 *									95
100	57.1	330.5	46,700	77,300 *	63.5	335.5	37,700	96,700 *									100
105	54.2	327.0	43,700	70,900 *	60.8	332.8	35,200	87,300 *									105
110	51.2	323.1	40,900	65,300 *	58.0	329.7	33,000	79,400 *									110
115	48.0	318.8	38,400	60,500 *	55.1	326.3	30,900	72,700 *									115
120	44.7	313.9	36,100	56,200 *	52.1	322.6	29,000	66,900 *	62.9	330.6	19,200	92,100					120
125	41.2	308.4	33,900	52,400 *	49.0	318.4	27,300	61,900 *	60.2	327.8	17,800	85,500 *					125
130	37.3	302.2	32,000	49,000 *	45.7	313.7	25,700	57,400 *	57.4	324.7	16,600	77,900 *					130
135	33.1	294.9	30,200	45,900 *	42.2	308.4	24,200	53,500 *	54.5	321.2	15,500	71,400 *					135
140	28.4	286.3	28,500	43,200 *	38.5	302.4	22,800	50,000 *	51.5	317.4	14,500	65,800 *					140
145	22.7	275.6	26,900	40,600 *	34.4	295.4	21,500	46,800 *	48.3	313.1	13,500	60,900 *					145
150	15.1	260.4	25,300	38,300 *	29.9	287.3	20,300	44,000 *	45.0	308.2	12,600	56,600 *	56.5	317.7	5,000	64,400	150
155					24.5	277.3	19,100	41,400 *	41.5	302.8	11,700	52,700 *	53.5	314.1	4,400	61,800	155
160					17.7	263.9	18,000	39,000 *	37.7	296.6	10,900	49,300 *	50.5	310.2	3,900	59,400	160
165					4.7	237.3	16,800	36,000 *	33.5	289.5	10,200	46,200 *	47.3	305.7	3,400	57,200	165
170									28.8	281.0	9,400	43,400 *	43.9	300.7	2,900	55,100	170
175									23.2	270.4	8,700	40,900 *	40.3	295.0	2,400	51,600 *	175
180									15.8	255.9	8,000	38,500 *	36.4	288.6	1,900	48,300 *	180
190													27.2	272.1	1,100	42,600 *	190
200													12.7	243.6	200	37,900 *	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	69.8	352.0	63,100	102,300 *													80
85	67.4	349.9	58,100	99,300 *													85
90	65.0	347.7	53,800	93,700 *													90
95	62.5	345.1	49,900	84,700 *													95
100	60.0	342.3	46,500	77,200 *	65.7	346.6	37,400	96,700 *									100
105	57.4	339.2	43,400	70,800 *	63.2	344.1	34,900	87,300 *									105
110	54.7	335.8	40,700	65,200 *	60.7	341.4	32,700	79,400 *									110
115	51.9	332.0	38,100	60,300 *	58.2	338.4	30,600	72,600 *									115
120	49.0	327.8	35,800	56,100 *	55.5	335.1	28,700	66,800 *									120
125	46.0	323.1	33,700	52,300 *	52.8	331.4	27,000	61,800 *	62.7	339.3	17,500	85,500 *					125
130	42.8	317.9	31,800	48,900 *	49.9	327.3	25,400	57,300 *	60.2	336.5	16,300	77,800 *					130
135	39.5	312.1	30,000	45,800 *	46.9	322.8	23,900	53,400 *	57.6	333.4	15,200	71,300 *					135
140	35.8	305.4	28,400	43,000 *	43.8	317.7	22,600	49,800 *	54.9	330.0	14,200	65,700 *					140
145	31.8	297.8	26,800	40,500 *	40.5	312.1	21,300	46,700 *	52.1	326.2	13,200	60,800 *					145
150	27.2	288.7	25,300	38,200 *	36.9	305.7	20,100	43,800 *	49.3	322.0	12,300	56,400 *					150
155	21.8	277.5	24,000	36,100 *	33.0	298.4	19,000	41,200 *	46.3	317.4	11,500	52,600 *	56.8	326.4	4,100	61,600	155
160	14.5	261.7	22,600	34,100 *	28.7	289.9	17,900	38,900 *	43.1	312.2	10,700	49,200 *	54.1	322.9	3,600	59,200	160
165					23.5	279.4	16,900	36,700 *	39.7	306.4	9,900	46,100 *	51.3	319.0	3,100	57,000	165
170					17.0	265.4	15,900	34,700 *	36.1	299.9	9,200	43,300 *	48.4	314.7	2,600	54,900	170
175					4.5	237.6	14,800	32,100 *	32.1	292.4	8,600	40,700 *	45.3	309.9	2,100	51,500 *	175
180									27.6	283.4	7,900	38,400 *	42.1	304.6	1,700	48,200 *	180
190									15.2	257.2	6,600	34,300 *	34.9	291.7	900	42,500 *	190
200													26.1	274.4	100	37,800 *	200
210													12.2	244.6		33,800 *	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	69.1	360.7	57,500	92,700 *													85
90	66.9	358.7	53,200	90,100 *													90
95	64.6	356.4	49,300	84,300 *													95
100	62.3	353.8	45,900	76,800 *	67.5	357.5	36,700	90,300 *									100
105	60.0	351.0	42,800	70,300 *	65.3	355.3	34,200	86,900 *									105
110	57.6	347.9	40,100	64,800 *	63.0	352.8	31,900	78,900 *									110
115	55.1	344.5	37,500	59,900 *	60.7	350.1	29,900	72,200 *									115
120	52.5	340.8	35,300	55,600 *	58.3	347.1	28,000	66,400 *									120
125	49.9	336.7	33,200	51,800 *	55.8	343.8	26,300	61,300 *									125
130	47.1	332.2	31,200	48,400 *	53.3	340.1	24,700	56,900 *	62.5	347.9	15,500	77,400 *					130
135	44.2	327.2	29,500	45,300 *	50.7	336.1	23,300	52,900 *	60.2	345.1	14,400	70,900 *					135
140	41.2	321.7	27,800	42,600 *	48.0	331.8	21,900	49,400 *	57.8	342.1	13,400	65,200 *					140
145	37.9	315.5	26,300	40,000 *	45.1	326.9	20,700	46,200 *	55.3	338.7	12,400	60,300 *					145
150	34.4	308.5	24,800	37,700 *	42.1	321.6	19,500	43,400 *	52.7	335.0	11,600	56,000 *					150
155	30.6	300.5	23,500	35,600 *	38.9	315.6	18,400	40,800 *	50.1	330.9	10,700	52,100 *					155
160	26.2	291.1	22,200	33,700 *	35.5	308.9	17,300	38,400 *	47.4	326.4	10,000	48,700 *	57.0	335.1	2,700	58,600	160
165	21.0	279.3	21,000	31,900 *	31.8	301.3	16,300	36,300 *	44.5	321.5	9,200	45,600 *	54.5	331.6	2,200	56,300	165
170	13.9	262.9	19,800	30,200 *	27.6	292.3	15,400	34,300 *	41.4	316.0	8,500	42,800 *	51.9	327.8	1,700	54,300	170
175					22.7	281.4	14,500	32,400 *	38.2	309.9	7,900	40,300 *	49.3	323.6	1,300	51,100 *	175
180					16.4	266.8	13,600	30,700 *	34.7	303.0	7,200	38,000 *	46.5	319.0	900	47,700 *	180
190									26.6	285.8	6,100	33,900 *	40.5	308.3	100	42,000 *	190
200									14.6	258.4	4,900	30,400 *	33.6	294.8		37,300 *	200
210													25.1	276.6		33,300 *	210
220													11.7	245.6		29,900 *	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	70.5	371.4	56,900	87,300 *													85
90	68.5	369.5	52,600	85,000 *													90
95	66.4	367.4	48,800	82,900 *													95
100	64.3	365.0	45,300	78,400 *													100
105	62.2	362.5	42,300	71,700 *	67.0	366.3	33,500	83,000 *									105
110	60.0	359.6	39,500	66,000 *	64.9	364.0	31,300	80,600 *									110
115	57.7	356.6	37,000	61,000 *	62.8	361.5	29,300	73,700 *									115
120	55.4	353.2	34,700	56,500 *	60.6	358.7	27,400	67,600 *									120
125	53.1	349.5	32,600	52,600 *	58.4	355.7	25,700	62,400 *									125
130	50.6	345.5	30,700	49,100 *	56.1	352.5	24,100	57,800 *									130
135	48.1	341.2	28,900	46,000 *	53.8	348.9	22,700	53,800 *	62.3	356.6	13,700	72,300 *					135
140	45.4	336.4	27,300	43,100 *	51.3	345.0	21,300	50,100 *	60.1	353.8	12,700	66,500 *					140
145	42.7	331.1	25,800	40,500 *	48.8	340.7	20,100	46,900 *	57.9	350.7	11,800	61,400 *					145
150	39.7	325.3	24,300	38,200 *	46.2	336.1	18,900	44,000 *	55.6	347.4	10,900	56,900 *					150
155	36.6	318.8	23,000	36,000 *	43.5	331.0	17,800	41,300 *	53.2	343.7	10,100	53,000 *					155
160	33.2	311.5	21,800	34,100 *	40.6	325.3	16,800	38,900 *	50.8	339.8	9,300	49,400 *					160
165	29.5	303.2	20,600	32,200 *	37.6	319.1	15,800	36,700 *	48.3	335.4	8,600	46,300 *	57.2	343.8	1,500	55,800	165
170	25.3	293.3	19,500	30,500 *	34.3	312.0	14,900	34,600 *	45.6	330.7	7,900	43,400 *	54.9	340.4	1,100	53,700	170
175	20.2	281.1	18,400	28,900 *	30.7	304.0	14,000	32,800 *	42.9	325.5	7,300	40,800 *	52.5	336.6	600	51,800	175
180	13.4	264.0	17,300	27,400 *	26.6	294.7	13,200	31,000 *	40.0	319.7	6,600	38,400 *	50.0	332.5	200	48,400 *	180
190					15.8	268.2	11,600	27,900 *	33.5	306.1	5,500	34,200 *	44.8	323.2		42,600 *	190
200									25.6	288.1	4,400	30,700 *	39.0	311.8		37,700 *	200
210									14.1	259.6	3,400	27,600 *	32.4	297.7		33,700 *	210
220													24.2	278.7		30,200 *	220
230													11.3	246.6		27,200 *	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	69.9	380.2	52,000	79,500 *													90
95	68.0	378.3	48,100	77,500 *													95
100	66.0	376.1	44,700	75,600 *													100
105	64.0	373.7	41,600	71,200 *													105
110	62.0	371.1	38,900	65,500 *	66.6	375.0	30,600	75,600 *									110
115	60.0	368.3	36,400	60,400 *	64.6	372.7	28,600	73,100 *									115
120	57.9	365.2	34,100	56,000 *	62.6	370.1	26,700	67,100 *									120
125	55.7	361.9	32,000	52,100 *	60.6	367.4	25,000	61,900 *									125
130	53.5	358.3	30,100	48,600 *	58.5	364.4	23,400	57,300 *									130
135	51.2	354.4	28,300	45,400 *	56.4	361.1	22,000	53,200 *									135
140	48.9	350.1	26,700	42,600 *	54.2	357.6	20,700	49,600 *	62.2	365.3	11,900	65,900 *					140
145	46.4	345.5	25,200	40,000 *	51.9	353.8	19,400	46,400 *	60.1	362.4	11,000	60,900 *					145
150	43.9	340.4	23,800	37,700 *	49.6	349.6	18,200	43,400 *	58.0	359.4	10,100	56,400 *					150
155	41.2	334.9	22,500	35,500 *	47.2	345.1	17,200	40,800 *	55.9	356.1	9,300	52,400 *					155
160	38.4	328.8	21,200	33,500 *	44.7	340.2	16,100	38,400 *	53.7	352.5	8,600	48,900 *					160
165	35.4	322.0	20,100	31,700 *	42.0	334.8	15,200	36,100 *	51.4	348.6	7,800	45,700 *					165
170	32.1	314.4	19,000	30,000 *	39.3	328.9	14,300	34,100 *	49.1	344.4	7,200	42,900 *	57.4	352.5	200	53,100	170
175	28.5	305.7	17,900	28,400 *	36.3	322.3	13,400	32,200 *	46.6	339.8	6,500	40,300 *	55.2	349.1		51,100	175
180	24.4	295.5	16,900	27,000 *	33.1	315.0	12,600	30,500 *	44.1	334.8	5,900	37,900 *	53.0	345.4		47,900 *	180
190	13.0	265.1	15,000	24,300 *	25.7	296.9	11,100	27,400 *	38.6	323.2	4,800	33,700 *	48.3	337.1		42,000 *	190
200					15.3	269.5	9,600	24,700 *	32.4	309.0	3,800	30,200 *	43.3	327.2		37,200 *	200
210									24.8	290.3	2,800	27,100 *	37.7	315.3		33,100 *	210
220									13.6	260.8	1,900	24,400 *	31.3	300.5		29,700 *	220
230													23.4	280.8		26,700 *	230
240													10.9	247.5		24,000 *	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	69.3	389.0	47,800	72,900 *												95
100	67.5	387.0	44,400	71,100 *												100
105	65.7	384.8	41,300	69,000 *												105
110	63.8	382.4	38,600	65,200 *												110
115	61.9	379.8	36,100	60,200 *	66.2	383.7	28,200	69,200 *								115
120	60.0	377.0	33,800	55,700 *	64.4	381.4	26,300	66,800 *								120
125	58.0	373.9	31,700	51,800 *	62.5	378.8	24,600	61,600 *								125
130	56.0	370.6	29,800	48,300 *	60.6	376.1	23,100	57,000 *								130
135	53.9	367.0	28,000	45,100 *	58.6	373.1	21,600	52,900 *								135
140	51.8	363.2	26,400	42,300 *	56.6	369.8	20,300	49,300 *								140
145	49.6	359.0	24,900	39,700 *	54.5	366.3	19,100	46,100 *	62.1	373.9	10,600	60,600 *				145
150	47.3	354.5	23,500	37,400 *	52.4	362.6	17,900	43,100 *	60.1	371.1	9,800	56,100 *				150
155	45.0	349.7	22,200	35,200 *	50.2	358.5	16,800	40,500 *	58.2	368.1	9,000	52,100 *				155
160	42.5	344.3	20,900	33,200 *	48.0	354.1	15,800	38,100 *	56.1	364.8	8,200	48,600 *				160
165	39.9	338.6	19,800	31,400 *	45.7	349.4	14,900	35,800 *	54.1	361.2	7,500	45,400 *				165
170	37.2	332.2	18,700	29,700 *	43.3	344.2	14,000	33,800 *	52.0	357.4	6,800	42,600 *				170
175	34.3	325.1	17,700	28,100 *	40.7	338.6	13,100	31,900 *	49.8	353.3	6,200	40,000 *	57.5	361.1	50,900	175
180	31.1	317.2	16,700	26,700 *	38.0	332.4	12,300	30,200 *	47.5	348.8	5,600	37,600 *	55.5	357.8	47,600 *	180
190	23.7	297.6	14,900	24,000 *	32.1	317.9	10,800	27,100 *	42.7	338.7	4,500	33,400 *	51.3	350.2	41,700 *	190
200	12.6	266.2	13,200	21,700 *	24.9	299.1	9,400	24,400 *	37.4	326.6	3,500	29,900 *	46.8	341.4	36,900 *	200
210					14.8	270.8	8,100	22,000 *	31.4	311.8	2,600	26,800 *	41.9	331.0	32,800 *	210
220									24.0	292.4	1,700	24,100 *	36.5	318.6	29,400 *	220
230									13.2	261.9	900	21,800 *	30.4	303.2	26,400 *	230
240													22.7	282.8	23,800 *	240
250													10.6	248.4	21,500 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 180 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	70.5	399.7	47,200	68,100 *												95
100	68.8	397.8	43,800	66,400 *												100
105	67.1	395.8	40,700	64,100 *												105
110	65.4	393.5	37,900	61,800 *												110
115	63.6	391.1	35,400	59,500 *	67.6	394.6	27,500	64,200 *								115
120	61.8	388.5	33,200	55,200 *	65.9	392.4	25,600	62,000 *								120
125	60.0	385.6	31,100	51,300 *	64.1	390.0	23,900	59,900 *								125
130	58.1	382.6	29,200	47,800 *	62.3	387.5	22,400	56,500 *								130
135	56.2	379.3	27,400	44,600 *	60.5	384.7	21,000	52,400 *								135
140	54.3	375.8	25,800	41,800 *	58.7	381.7	19,600	48,800 *								140
145	52.3	372.0	24,300	39,200 *	56.8	378.5	18,400	45,500 *								145
150	50.2	367.9	22,900	36,800 *	54.8	375.1	17,200	42,600 *	61.9	382.6	9,000	55,600 *				150
155	48.1	363.5	21,600	34,700 *	52.9	371.4	16,200	39,900 *	60.1	379.8	8,200	51,600 *				155
160	45.9	358.8	20,400	32,700 *	50.8	367.4	15,200	37,500 *	58.3	376.7	7,400	48,100 *				160
165	43.6	353.7	19,200	30,900 *	48.7	363.1	14,200	35,300 *	56.4	373.5	6,700	44,900 *				165
170	41.2	348.1	18,100	29,200 *	46.6	358.5	13,300	33,300 *	54.4	370.0	6,100	42,000 *				170
175	38.7	342.1	17,100	27,600 *	44.3	353.5	12,500	31,400 *	52.4	366.2	5,500	39,400 *				175
180	36.1	335.5	16,200	26,100 *	42.0	348.1	11,700	29,700 *	50.4	362.2	4,900	37,000 *	57.7	369.8	47,100 *	180
190	30.2	319.9	14,400	23,500 *	36.9	335.7	10,200	26,600 *	46.1	353.1	3,800	32,900 *	53.8	362.9	41,200 *	190
200	23.0	299.6	12,700	21,200 *	31.2	320.7	8,900	23,900 *	41.4	342.5	2,800	29,300 *	49.7	354.9	36,400 *	200
210	12.2	267.3	11,200	19,100 *	24.2	301.3	7,600	21,500 *	36.3	329.9	1,900	26,300 *	45.4	345.6	32,300 *	210
220					14.4	272.0	6,400	19,400 *	30.5	314.5	1,100	23,600 *	40.7	334.8	28,800 *	220
230									23.3	294.4	300	21,300 *	35.5	321.8	25,900 *	230
240									12.8	263.0		19,200 *	29.5	305.8	23,300 *	240
250													22.0	284.7	21,000 *	250
260													10.3	249.3	18,900 *	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	70.0	408.5	43,200	61,800 *												100
105	68.4	406.6	40,100	59,800 *												105
110	66.7	404.5	37,400	57,700 *												110
115	65.1	402.2	34,900	55,600 *												115
120	63.4	399.8	32,600	53,300 *	67.2	403.4	25,000	57,800 *								120
125	61.7	397.1	30,600	50,800 *	65.6	401.1	23,300	55,800 *								125
130	60.0	394.3	28,600	47,300 *	63.9	398.7	21,800	53,700 *								130
135	58.2	391.2	26,900	44,100 *	62.2	396.1	20,400	51,600 *								135
140	56.4	388.0	25,300	41,300 *	60.5	393.4	19,000	48,300 *								140
145	54.6	384.5	23,800	38,700 *	58.7	390.4	17,800	45,000 *								145
150	52.7	380.8	22,400	36,300 *	57.0	387.2	16,700	42,100 *								150
155	50.8	376.8	21,100	34,200 *	55.1	383.8	15,600	39,500 *	61.8	391.2	7,600	50,300 *				155
160	48.8	372.5	19,900	32,200 *	53.3	380.1	14,600	37,000 *	60.1	388.4	6,800	47,600 *				160
165	46.7	367.9	18,700	30,400 *	51.3	376.2	13,700	34,800 *	58.4	385.4	6,100	44,400 *				165
170	44.6	362.9	17,600	28,700 *	49.4	372.0	12,800	32,800 *	56.6	382.2	5,500	41,500 *				170
175	42.4	357.6	16,600	27,100 *	47.3	367.5	11,900	30,900 *	54.7	378.7	4,900	38,900 *				175
180	40.1	351.8	15,700	25,600 *	45.2	362.7	11,100	29,200 *	52.8	375.0	4,300	36,500 *				180
190	35.1	338.6	13,900	23,000 *	40.8	351.8	9,700	26,100 *	48.9	366.7	3,200	32,400 *	56.0	375.2	40,700 *	190
200	29.4	322.5	12,300	20,700 *	35.9	339.0	8,400	23,400 *	44.8	357.2	2,200	28,800 *	52.3	367.8	35,900 *	200
210	22.4	301.5	10,800	18,600 *	30.3	323.4	7,200	21,000 *	40.3	346.2	1,300	25,800 *	48.3	359.4	31,800 *	210
220	11.9	268.3	9,400	16,800 *	23.5	303.4	6,000	18,900 *	35.3	333.1	500	23,100 *	44.1	349.7	28,300 *	220
230					14.0	273.2	4,900	17,000 *	29.6	317.1		20,800 *	39.5	338.4	25,400 *	230
240									22.7	296.4		18,700 *	34.5	324.9	22,800 *	240
250									12.5	264.1		16,900 *	28.7	308.4	20,500 *	250
260													21.4	286.6	18,400 *	260
270													10.0	250.1	16,600 *	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

220 Ft. Boom, 200 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	69.5	417.3	39,500	53,800 *												105
110	68.0	415.4	36,800	51,800 *												110
115	66.4	413.2	34,300	49,700 *												115
120	64.8	410.9	32,000	47,600 *												120
125	63.2	408.4	30,000	45,500 *	66.9	412.1	22,700	49,900 *								125
130	61.6	405.8	28,100	43,400 *	65.3	409.8	21,100	48,000 *								130
135	60.0	402.9	26,300	41,400 *	63.7	407.4	19,700	46,000 *								135
140	58.3	399.9	24,700	39,400 *	62.1	404.8	18,400	43,900 *								140
145	56.6	396.7	23,200	37,500 *	60.5	402.0	17,200	42,000 *								145
150	54.9	393.2	21,800	35,700 *	58.8	399.1	16,000	40,000 *								150
155	53.1	389.5	20,500	33,900 *	57.1	395.9	14,900	38,100 *								155
160	51.2	385.6	19,300	32,000 *	55.4	392.5	13,900	36,300 *	61.8	399.9	6,100	42,900 *				160
165	49.4	381.4	18,100	30,100 *	53.6	388.9	13,000	34,500 *	60.1	397.1	5,400	41,100 *				165
170	47.5	376.9	17,100	28,400 *	51.8	385.0	12,100	32,600 *	58.4	394.1	4,700	39,400 *				170
175	45.5	372.1	16,100	26,800 *	49.9	380.9	11,300	30,700 *	56.7	390.8	4,100	37,600 *				175
180	43.4	366.9	15,100	25,300 *	48.0	376.5	10,500	28,900 *	55.0	387.4	3,500	35,800 *				180
190	39.0	355.4	13,300	22,700 *	44.0	366.7	9,100	25,800 *	51.4	379.8	2,500	32,200 *	57.9	387.2	38,100 *	190
200	34.2	341.7	11,800	20,300 *	39.7	355.4	7,800	23,000 *	47.6	371.2	1,500	28,600 *	54.4	380.4	34,900 *	200
210	28.6	325.1	10,300	18,200 *	34.9	342.1	6,600	20,600 *	43.6	361.3	700	25,500 *	50.8	372.6	31,600 *	210
220	21.8	303.5	9,000	16,400 *	29.5	326.0	5,500	18,500 *	39.2	349.8		22,800 *	47.0	363.8	28,100 *	220
230	11.6	269.3	7,700	14,600 *	22.9	305.4	4,400	16,600 *	34.4	336.2		20,400 *	42.9	353.6	25,100 *	230
240					13.6	274.4	3,400	14,900 *	28.9	319.7		18,300 *	38.5	341.9	22,400 *	240
250									22.1	298.4		16,500 *	33.6	327.9	20,100 *	250
260									12.1	265.2		14,800 *	27.9	310.9	18,000 *	260
270													20.9	288.4	16,200 *	270
280													9.7	250.9	14,500 *	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	62.2	311.6	77,200 b	155,000 * b													70
75	57.4	308.6	70,700 b	136,400 * b													75
80	52.4	304.9	65,000 b	119,300 * b	64.6	311.0	52,600 b	162,800 * b									80
85	46.9	300.5	60,000	105,800 *	59.9	308.3	48,700 b	147,000 * b									85
90	40.9	295.1	55,700	94,800 *	55.0	304.9	45,200 b	127,400 * b									90
95	34.0	288.4	51,700	85,800 *	49.7	300.9	42,200	112,300 *									95
100	25.5	279.2	48,200	78,200 *	44.0	296.1	39,400	100,100 *									100
105	11.9	263.5	44,800	71,700 *	37.6	290.1	36,800	90,200 *	60.5	303.9	25,100 b	109,000 b					105
110					30.1	282.3	34,500	81,900 *	55.6	300.7	23,500 b	103,100 b					110
115					20.0	271.1	32,300	74,900 *	50.4	296.8	21,900	97,800					115
120									44.8	292.0	20,500	92,900					120
125									38.5	286.2	19,200	88,500					125
130									31.1	278.7	17,900	82,900 *	55.7	294.3	8,900 b	77,500 b	130
135									21.5	268.1	16,700	75,700 *	50.5	290.4	8,100	74,000	135
140													44.9	285.7	7,500	70,800	140
145													38.6	279.9	6,800	67,900	145
150													31.3	272.4	6,100	65,100	150
155													21.7	261.9	5,500	62,500	155



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	66.0	322.8	76,600 b	149,200 *b													70
75	62.0	320.3	70,100 b	137,200 *b													75
80	57.8	317.3	64,400 b	119,900 *b	68.0	322.0	51,800 b	156,200 *b									80
85	53.4	313.7	59,500	106,300 *	64.0	319.7	47,900 b	147,900 *b									85
90	48.7	309.5	55,200	95,200 *	59.9	316.9	44,500 b	128,200 *b									90
95	43.7	304.6	51,300	86,100 *	55.6	313.6	41,400	112,800 *									95
100	38.1	298.6	47,900	78,500 *	51.1	309.8	38,700	100,600 *									100
105	31.7	291.2	44,700	71,900 *	46.3	305.3	36,200	90,600 *									105
110	23.7	281.3	41,800	66,300 *	41.0	299.9	33,900	82,200 *	60.4	312.6	22,500 b	102,400 b					110
115	11.1	264.4	39,000	61,300 *	35.1	293.2	31,800	75,100 *	56.2	309.4	21,000	97,100					115
120					28.0	284.8	29,900	69,100 *	51.7	305.6	19,700	92,300					120
125					18.6	272.7	28,100	63,800 *	46.9	301.2	18,400	87,900					125
130									41.7	295.9	17,200	83,200 *					130
135									35.8	289.4	16,100	76,000 *	56.3	303.0	7,200	73,300	135
140									29.0	281.3	15,000	69,800 *	51.8	299.3	6,500	70,100	140
145									20.0	269.8	14,000	64,400 *	47.0	294.8	5,900	67,200	145
150													41.8	289.6	5,300	64,500	150
155													36.0	283.1	4,700	61,900	155
160													29.2	275.0	4,200	59,500	160
165													20.3	263.7	3,600	57,300	165



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	68.8	333.7	76,200 b	143,000 *b													70
75	65.3	331.5	69,600 b	136,500 *b													75
80	61.7	328.9	64,000	121,200 *													80
85	58.0	325.9	59,100	107,300 *	67.1	330.7	47,300 b	140,600 *b									85
90	54.1	322.5	54,800	96,100 *	63.6	328.4	43,900 b	129,700 *b									90
95	50.1	318.5	50,900	86,800 *	59.9	325.6	40,900	114,000 *									95
100	45.7	313.8	47,500	79,000 *	56.1	322.4	38,100	101,500 *									100
105	41.0	308.4	44,500	72,400 *	52.2	318.6	35,700	91,300 *									105
110	35.8	301.9	41,700	66,700 *	48.0	314.3	33,400	82,800 *									110
115	29.8	293.9	39,100	61,700 *	43.5	309.3	31,400	75,600 *	60.4	321.2	20,400	96,600					115
120	22.3	283.2	36,700	57,300 *	38.5	303.4	29,500	69,500 *	56.6	318.1	19,000	91,800					120
125	10.4	265.2	34,400	53,400 *	33.0	296.2	27,800	64,200 *	52.7	314.4	17,800	87,400					125
130					26.3	287.1	26,100	59,500 *	48.5	310.2	16,600	83,400					130
135					17.5	274.2	24,600	55,300 *	44.0	305.3	15,600	76,500 *					135
140									39.1	299.5	14,600	70,200 *	56.7	311.7	5,900	69,600	140
145									33.7	292.5	13,600	64,800 *	52.8	308.1	5,300	66,700	145
150									27.2	283.7	12,700	60,100 *	48.6	303.8	4,700	64,000	150
155									18.8	271.4	11,800	55,800 *	44.1	298.9	4,200	61,500	155
160													39.3	293.2	3,600	59,100	160
165													33.8	286.2	3,100	56,900	165
170													27.4	277.5	2,700	54,800	170
175													19.0	265.3	2,200	52,800	175



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	67.9	342.5	69,000 b	127,500 *b													75
80	64.8	340.2	63,300	121,300 *													80
85	61.6	337.6	58,400	107,300 *													85
90	58.2	334.6	54,100	96,000 *	66.4	339.5	43,100	125,400 *									90
95	54.8	331.2	50,300	86,700 *	63.2	337.0	40,000	114,000 *									95
100	51.1	327.3	46,900	78,900 *	59.9	334.2	37,300	101,500 *									100
105	47.3	322.9	43,900	72,200 *	56.5	331.0	34,900	91,200 *									105
110	43.2	317.8	41,100	66,500 *	53.0	327.4	32,700	82,700 *									110
115	38.8	311.9	38,600	61,500 *	49.3	323.3	30,700	75,500 *									115
120	33.9	304.9	36,300	57,100 *	45.3	318.5	28,800	69,300 *	60.3	329.9	18,100	91,100					120
125	28.2	296.4	34,100	53,200 *	41.1	313.1	27,100	63,900 *	57.0	326.8	16,900	86,700					125
130	21.1	285.1	32,100	49,700 *	36.4	306.7	25,500	59,300 *	53.4	323.2	15,800	82,700					130
135	9.8	266.1	30,100	46,500 *	31.2	299.0	24,100	55,100 *	49.7	319.1	14,700	76,300 *					135
140					24.9	289.3	22,700	51,400 *	45.8	314.5	13,700	70,000 *					140
145					16.6	275.6	21,300	48,100 *	41.6	309.1	12,800	64,600 *	57.0	320.4	4,300	66,000	145
150									37.0	302.8	11,900	59,800 *	53.5	316.8	3,700	63,300	150
155									31.9	295.3	11,100	55,600 *	49.8	312.8	3,200	60,800	155
160									25.8	286.0	10,300	51,900 *	45.9	308.1	2,700	58,400	160
165									17.8	273.0	9,500	48,500 *	41.7	302.8	2,300	56,300	165
170													37.1	296.5	1,800	54,200	170
175													32.0	289.1	1,400	52,300	175
180													25.9	279.8	1,000	50,400	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	70.0	353.2	68,400 b	121,300 *b													75
80	67.2	351.2	62,800	117,800 *													80
85	64.4	348.9	57,900	109,700 *													85
90	61.4	346.3	53,600	98,100 *													90
95	58.4	343.3	49,800	88,600 *	65.8	348.2	39,400	116,100 *									95
100	55.3	339.9	46,400	80,600 *	62.9	345.7	36,700	103,700 *									100
105	52.0	336.2	43,300	73,800 *	59.9	342.9	34,200	93,200 *									105
110	48.6	331.9	40,600	67,900 *	56.9	339.7	32,000	84,500 *									110
115	45.0	327.1	38,100	62,800 *	53.7	336.2	30,000	77,100 *									115
120	41.1	321.6	35,800	58,300 *	50.3	332.2	28,200	70,800 *									120
125	36.9	315.3	33,700	54,300 *	46.8	327.7	26,500	65,300 *	60.3	338.6	16,200	86,200					125
130	32.2	307.8	31,800	50,800 *	43.1	322.5	25,000	60,500 *	57.2	335.5	15,100	82,200					130
135	26.8	298.7	29,900	47,600 *	39.1	316.7	23,500	56,300 *	54.1	331.9	14,000	78,000 *					135
140	20.1	286.8	28,200	44,700 *	34.7	309.8	22,200	52,500 *	50.7	328.0	13,100	71,500 *					140
145	9.3	266.8	26,500	41,400 *	29.7	301.7	20,900	49,200 *	47.2	323.6	12,200	66,000 *					145
150					23.7	291.4	19,700	46,100 *	43.5	318.5	11,300	61,100 *	57.3	329.1	3,000	62,700	150
155					15.7	276.9	18,500	43,400 *	39.6	312.7	10,500	56,800 *	54.1	325.6	2,500	60,200	155
160									35.2	306.0	9,800	53,000 *	50.8	321.6	2,000	57,900	160
165									30.3	298.1	9,000	49,600 *	47.3	317.2	1,600	55,700	165
170									24.5	288.1	8,300	46,500 *	43.6	312.2	1,200	53,700	170
175									16.9	274.4	7,600	43,700 *	39.7	306.4	800	51,800	175
180													35.3	299.7	400	49,900	180
190													24.7	281.9		46,600	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	69.2	362.0	62,100	108,300 *													80
85	66.6	359.9	57,200	105,200 *													85
90	64.0	357.6	53,000	98,700 *													90
95	61.3	354.9	49,200	88,900 *	68.0	359.1	38,600	106,400 *									95
100	58.5	352.0	45,800	80,800 *	65.3	356.9	35,900	103,800 *									100
105	55.7	348.6	42,700	73,900 *	62.7	354.4	33,500	93,700 *									105
110	52.7	345.0	40,000	67,900 *	59.9	351.6	31,300	84,800 *									110
115	49.6	340.8	37,500	62,700 *	57.1	348.4	29,300	77,300 *									115
120	46.4	336.2	35,300	58,200 *	54.2	344.9	27,500	70,900 *									120
125	42.9	331.1	33,200	54,200 *	51.2	341.0	25,800	65,300 *									125
130	39.2	325.2	31,300	50,600 *	48.0	336.7	24,300	60,500 *	60.3	347.2	14,200	81,600					130
135	35.2	318.5	29,500	47,400 *	44.7	331.8	22,900	56,200 *	57.5	344.1	13,200	77,900					135
140	30.8	310.6	27,800	44,500 *	41.1	326.3	21,500	52,400 *	54.6	340.7	12,300	71,600 *					140
145	25.6	301.0	26,300	41,800 *	37.3	320.1	20,300	49,000 *	51.6	336.8	11,400	66,000 *					145
150	19.2	288.5	24,800	39,400 *	33.1	312.8	19,100	45,900 *	48.4	332.6	10,600	61,000 *					150
155	8.9	267.6	23,300	36,600 *	28.3	304.2	18,000	43,200 *	45.1	327.7	9,800	56,700 *	57.5	337.7	1,600	59,500	155
160					22.7	293.4	17,000	40,600 *	41.6	322.3	9,000	52,800 *	54.6	334.3	1,200	57,200	160
165					15.0	278.2	15,900	38,300 *	37.8	316.2	8,300	49,400 *	51.6	330.5	700	55,100	165
170									33.6	309.1	7,700	46,300 *	48.5	326.2	300	53,000	170
175									29.0	300.6	7,000	43,500 *	45.2	321.4		51,100	175
180									23.4	290.2	6,400	41,000 *	41.7	316.0		49,300	180
190													33.7	302.8		46,000	190
200													23.6	284.0		41,000 *	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	70.9	372.7	61,900	101,200 *													80
85	68.5	370.8	57,000	98,400 *													85
90	66.1	368.7	52,700	95,800 *													90
95	63.7	366.3	48,900	88,900 *													95
100	61.2	363.6	45,500	80,700 *	67.4	367.8	35,600	96,800 *									100
105	58.6	360.6	42,500	73,800 *	64.9	365.6	33,200	93,600 *									105
110	56.0	357.3	39,800	67,800 *	62.5	363.0	31,000	84,700 *									110
115	53.3	353.7	37,300	62,600 *	59.9	360.2	29,000	77,200 *									115
120	50.5	349.7	35,000	58,100 *	57.3	357.1	27,200	70,800 *									120
125	47.5	345.3	33,000	54,100 *	54.7	353.7	25,600	65,200 *									125
130	44.4	340.3	31,100	50,500 *	51.9	349.9	24,000	60,300 *	62.8	358.7	13,900	81,300					130
135	41.1	334.8	29,300	47,200 *	49.0	345.6	22,600	56,100 *	60.3	355.9	12,900	77,600					135
140	37.6	328.6	27,700	44,300 *	46.0	341.0	21,300	52,200 *	57.7	352.8	12,000	71,500 *					140
145	33.8	321.5	26,100	41,700 *	42.8	335.8	20,100	48,800 *	55.0	349.4	11,100	65,900 *					145
150	29.5	313.2	24,700	39,300 *	39.4	329.9	18,900	45,800 *	52.2	345.6	10,300	60,900 *					150
155	24.6	303.2	23,400	37,100 *	35.8	323.3	17,800	43,000 *	49.4	341.5	9,500	56,600 *					155
160	18.4	290.1	22,100	35,100 *	31.8	315.7	16,800	40,500 *	46.4	336.9	8,800	52,700 *	57.7	346.4	800	57,000	160
165	8.5	268.3	20,700	32,700 *	27.2	306.6	15,800	38,200 *	43.2	331.7	8,100	49,300 *	55.1	343.0	400	54,800	165
170					21.7	295.3	14,900	36,100 *	39.9	326.0	7,400	46,200 *	52.3	339.3		52,800	170
175					14.4	279.5	14,000	34,100 *	36.2	319.5	6,800	43,400 *	49.4	335.1		50,900	175
180									32.3	312.0	6,200	40,800 *	46.5	330.5		49,100	180
190									22.5	292.2	5,100	36,400 *	39.9	319.7		45,800	190
200													32.4	305.7		40,900 *	200
210													22.6	286.0		36,400 *	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	70.1	381.5	56,300	91,800 *												85
90	67.9	379.6	52,000	89,400 *												90
95	65.7	377.4	48,300	87,000 *												95
100	63.4	374.9	44,900	80,300 *												100
105	61.1	372.2	41,900	73,400 *	66.9	376.6	32,400	87,900 *								105
110	58.7	369.3	39,100	67,400 *	64.6	374.3	30,200	84,300 *								110
115	56.3	366.0	36,700	62,200 *	62.3	371.7	28,300	76,800 *								115
120	53.8	362.5	34,400	57,600 *	59.9	368.9	26,500	70,300 *								120
125	51.2	358.6	32,400	53,600 *	57.5	365.8	24,800	64,700 *								125
130	48.5	354.3	30,500	50,000 *	55.1	362.4	23,300	59,900 *								130
135	45.7	349.5	28,700	46,800 *	52.5	358.6	21,900	55,600 *	62.6	367.3	12,100	77,000				135
140	42.7	344.3	27,100	43,900 *	49.9	354.5	20,600	51,800 *	60.2	364.5	11,100	71,100 *				140
145	39.6	338.5	25,600	41,200 *	47.1	350.0	19,400	48,400 *	57.8	361.5	10,300	65,400 *				145
150	36.2	331.9	24,200	38,800 *	44.2	345.1	18,300	45,300 *	55.4	358.1	9,500	60,500 *				150
155	32.5	324.4	22,900	36,600 *	41.2	339.5	17,200	42,500 *	52.8	354.4	8,700	56,100 *				155
160	28.4	315.8	21,600	34,600 *	37.9	333.4	16,200	40,000 *	50.2	350.4	8,000	52,300 *				160
165	23.7	305.3	20,400	32,700 *	34.4	326.4	15,300	37,700 *	47.5	345.9	7,300	48,800 *	57.9	355.1	54,200	165
170	17.7	291.6	19,300	31,000 *	30.5	318.4	14,400	35,600 *	44.6	341.0	6,700	45,700 *	55.4	351.7	52,100	170
175	8.2	268.9	18,100	29,000 *	26.2	308.9	13,500	33,700 *	41.6	335.6	6,100	42,900 *	52.9	348.1	50,300	175
180					20.9	297.1	12,700	31,900 *	38.3	329.5	5,500	40,400 *	50.3	344.0	48,500	180
190									31.0	314.7	4,500	35,900 *	44.7	334.7	45,200	190
200									21.6	294.1	3,500	32,100 *	38.4	323.2	40,400 *	200
210													31.1	308.5	36,000 *	210
220													21.8	287.9	32,200 *	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	69.5	390.3	51,500	84,200 *												90
95	67.4	388.3	47,700	82,200 *												95
100	65.3	386.1	44,300	80,200 *												100
105	63.2	383.6	41,300	74,900 *												105
110	61.0	380.9	38,600	68,700 *	66.4	385.3	29,600	80,900 *								110
115	58.8	378.0	36,100	63,300 *	64.3	382.9	27,600	78,400 *								115
120	56.6	374.7	33,900	58,600 *	62.1	380.4	25,900	71,700 *								120
125	54.2	371.2	31,800	54,500 *	60.0	377.5	24,200	66,000 *								125
130	51.8	367.4	29,900	50,800 *	57.7	374.5	22,700	61,000 *								130
135	49.3	363.2	28,200	47,500 *	55.4	371.1	21,300	56,500 *								135
140	46.7	358.6	26,600	44,500 *	53.0	367.4	20,000	52,600 *	62.4	376.0	10,400	72,500 *				140
145	44.0	353.6	25,100	41,800 *	50.6	363.4	18,800	49,100 *	60.2	373.2	9,600	66,700 *				145
150	41.2	348.1	23,700	39,300 *	48.1	359.0	17,700	46,000 *	58.0	370.2	8,800	61,600 *				150
155	38.1	341.9	22,400	37,100 *	45.4	354.3	16,600	43,100 *	55.7	366.8	8,000	57,100 *				155
160	34.9	335.1	21,100	35,000 *	42.6	349.0	15,600	40,500 *	53.3	363.2	7,300	53,100 *				160
165	31.4	327.2	20,000	33,100 *	39.7	343.2	14,700	38,200 *	50.9	359.2	6,700	49,500 *				165
170	27.4	318.2	18,900	31,300 *	36.6	336.7	13,800	36,000 *	48.4	354.9	6,100	46,400 *				170
175	22.8	307.3	17,800	29,700 *	33.2	329.4	13,000	34,100 *	45.7	350.2	5,500	43,500 *	55.7	360.4	49,700	175
180	17.1	293.1	16,800	28,200 *	29.5	321.0	12,200	32,200 *	43.0	345.0	4,900	40,900 *	53.4	356.8	47,900	180
190					20.2	298.9	10,700	28,900 *	37.0	332.8	3,900	36,300 *	48.4	348.6	44,700	190
200									29.9	317.4	2,900	32,500 *	43.0	338.6	40,900 *	200
210									20.9	295.9	2,000	29,200 *	37.0	326.5	36,400 *	210
220													30.0	311.2	32,500 *	220
230													21.0	289.7	29,200 *	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	70.8	401.0	50,800	78,600 *												90
95	68.9	399.1	47,000	76,800 *												95
100	67.0	397.0	43,700	75,000 *												100
105	65.0	394.8	40,700	73,200 *												105
110	63.0	392.3	37,900	68,200 *	68.0	396.2	28,800	75,300 *								110
115	61.0	389.6	35,500	62,800 *	66.0	394.0	26,900	73,800 *								115
120	58.9	386.6	33,200	58,100 *	64.0	391.6	25,100	71,200 *								120
125	56.8	383.4	31,200	53,900 *	62.0	389.0	23,500	65,500 *								125
130	54.6	379.9	29,300	50,200 *	60.0	386.2	22,000	60,400 *								130
135	52.3	376.2	27,600	46,900 *	57.9	383.1	20,600	56,000 *								135
140	50.0	372.1	26,000	43,900 *	55.7	379.8	19,300	52,100 *								140
145	47.6	367.6	24,500	41,200 *	53.5	376.2	18,100	48,600 *	62.3	384.7	8,800	66,100 *				145
150	45.1	362.8	23,100	38,800 *	51.2	372.3	17,000	45,400 *	60.2	381.9	8,000	61,000 *				150
155	42.5	357.5	21,800	36,500 *	48.9	368.0	15,900	42,600 *	58.1	378.8	7,200	56,500 *				155
160	39.8	351.7	20,600	34,500 *	46.4	363.4	15,000	40,000 *	56.0	375.5	6,600	52,600 *				160
165	36.9	345.3	19,400	32,600 *	43.9	358.3	14,000	37,700 *	53.8	371.9	5,900	49,000 *				165
170	33.7	338.1	18,400	30,800 *	41.2	352.8	13,200	35,500 *	51.5	368.1	5,300	45,800 *				170
175	30.3	330.0	17,300	29,200 *	38.4	346.7	12,400	33,500 *	49.2	363.8	4,700	42,900 *				175
180	26.5	320.5	16,400	27,700 *	35.4	339.9	11,600	31,700 *	46.7	359.3	4,200	40,300 *	56.0	369.1	47,300	180
190	16.5	294.6	14,500	24,900 *	28.5	323.6	10,100	28,400 *	41.5	348.8	3,200	35,800 *	51.6	361.7	44,100	190
200					19.5	300.6	8,800	25,600 *	35.7	336.1	2,200	31,900 *	46.8	352.9	40,400 *	200
210									29.0	320.0	1,400	28,600 *	41.6	342.5	35,800 *	210
220									20.2	297.7	500	25,800 *	35.8	329.8	32,000 *	220
230													29.1	313.8	28,700 *	230
240													20.3	291.5	25,800 *	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	70.2	409.8	46,700	72,000 *												95
100	68.4	407.9	43,300	70,400 *												100
105	66.6	405.8	40,300	68,800 *												105
110	64.7	403.5	37,600	66,900 *												110
115	62.8	400.9	35,100	62,500 *	67.5	404.9	26,500	69,000 *								115
120	60.9	398.2	32,900	57,800 *	65.7	402.7	24,700	67,600 *								120
125	59.0	395.3	30,900	53,700 *	63.8	400.3	23,100	65,200 *								125
130	57.0	392.1	29,000	50,000 *	61.9	397.7	21,600	60,100 *								130
135	54.9	388.7	27,300	46,600 *	60.0	394.9	20,200	55,700 *								135
140	52.8	385.0	25,700	43,700 *	58.0	391.8	19,000	51,800 *								140
145	50.7	381.0	24,200	40,900 *	56.0	388.5	17,800	48,300 *								145
150	48.4	376.6	22,800	38,500 *	53.9	384.9	16,700	45,100 *	62.1	393.3	7,600	60,700 *				150
155	46.1	371.9	21,500	36,200 *	51.8	381.1	15,600	42,300 *	60.2	390.5	6,900	56,300 *				155
160	43.7	366.8	20,300	34,200 *	49.6	376.9	14,600	39,700 *	58.2	387.5	6,200	52,300 *				160
165	41.2	361.3	19,200	32,300 *	47.3	372.4	13,700	37,400 *	56.2	384.2	5,600	48,700 *				165
170	38.5	355.2	18,100	30,500 *	45.0	367.5	12,900	35,200 *	54.1	380.7	5,000	45,500 *				170
175	35.7	348.5	17,100	28,900 *	42.5	362.2	12,000	33,200 *	52.0	376.9	4,400	42,700 *				175
180	32.7	341.0	16,100	27,400 *	39.9	356.4	11,300	31,400 *	49.8	372.7	3,800	40,000 *				180
190	25.7	322.8	14,400	24,600 *	34.3	343.0	9,800	28,100 *	45.2	363.5	2,800	35,500 *	54.2	374.3	43,800	190
200	16.0	295.9	12,700	22,200 *	27.6	326.0	8,500	25,300 *	40.2	352.5	1,900	31,600 *	49.9	366.4	40,100 *	200
210					18.9	302.3	7,300	22,800 *	34.6	339.2	1,100	28,300 *	45.3	357.1	35,500 *	210
220									28.1	322.5	300	25,500 *	40.3	346.1	31,700 *	220
230									19.6	299.4		23,000 *	34.7	332.9	28,400 *	230
240													28.2	316.3	25,500 *	240
250													19.7	293.2	23,000 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 180 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	69.7	418.6	42,700	65,800 *												100
105	68.0	416.6	39,700	64,200 *												105
110	66.2	414.5	37,000	62,000 *												110
115	64.5	412.1	34,500	59,900 *												115
120	62.7	409.6	32,300	57,300 *	67.1	413.7	24,000	62,600 *								120
125	60.9	406.9	30,200	53,100 *	65.4	411.4	22,400	60,600 *								125
130	59.0	403.9	28,400	49,400 *	63.6	409.0	20,900	58,600 *								130
135	57.1	400.8	26,600	46,100 *	61.8	406.4	19,500	55,200 *								135
140	55.2	397.4	25,000	43,100 *	60.0	403.5	18,300	51,300 *								140
145	53.2	393.7	23,600	40,400 *	58.1	400.5	17,100	47,800 *								145
150	51.2	389.8	22,200	37,900 *	56.2	397.2	16,000	44,600 *								150
155	49.1	385.6	20,900	35,700 *	54.2	393.7	14,900	41,800 *	62.0	402.0	6,100	55,600 *				155
160	47.0	381.0	19,700	33,600 *	52.2	389.9	14,000	39,200 *	60.2	399.2	5,400	51,700 *				160
165	44.7	376.1	18,600	31,700 *	50.2	385.8	13,100	36,800 *	58.3	396.2	4,800	48,200 *				165
170	42.4	370.7	17,500	30,000 *	48.1	381.4	12,200	34,700 *	56.4	392.9	4,200	45,000 *				170
175	40.0	365.0	16,500	28,300 *	45.9	376.7	11,400	32,700 *	54.5	389.4	3,600	42,100 *				175
180	37.4	358.6	15,600	26,800 *	43.6	371.6	10,600	30,900 *	52.5	385.7	3,100	39,500 *				180
190	31.7	343.9	13,800	24,100 *	38.7	360.0	9,200	27,600 *	48.3	377.3	2,100	34,900 *	56.5	386.5	43,100	190
200	24.9	325.0	12,200	21,700 *	33.3	346.0	7,900	24,800 *	43.9	367.5	1,200	31,100 *	52.5	379.3	39,600 *	200
210	15.5	297.3	10,700	19,600 *	26.8	328.4	6,800	22,300 *	39.0	356.0	400	27,800 *	48.4	370.9	35,000 *	210
220					18.4	303.9	5,600	20,100 *	33.6	342.2		24,900 *	43.9	361.2	31,200 *	220
230									27.2	324.9		22,500 *	39.1	349.7	27,900 *	230
240									19.0	301.0		20,200 *	33.7	335.9	25,000 *	240
250													27.3	318.7	22,500 *	250
260													19.1	294.9	20,300 *	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	70.8	429.3	42,200	60,000 *												100
105	69.2	427.4	39,200	58,200 *												105
110	67.5	425.4	36,400	56,300 *												110
115	65.9	423.2	34,000	54,300 *												115
120	64.2	420.8	31,800	52,200 *												120
125	62.5	418.3	29,700	50,100 *	66.7	422.4	21,800	54,900 *								125
130	60.8	415.5	27,800	48,100 *	65.1	420.1	20,300	53,100 *								130
135	59.1	412.6	26,100	46,100 *	63.4	417.7	19,000	51,100 *								135
140	57.3	409.5	24,500	43,200 *	61.7	415.0	17,700	49,100 *								140
145	55.5	406.1	23,000	40,500 *	60.0	412.2	16,500	47,200 *								145
150	53.6	402.5	21,700	37,900 *	58.2	409.1	15,400	44,800 *								150
155	51.7	398.6	20,400	35,600 *	56.4	405.9	14,400	41,900 *								155
160	49.7	394.5	19,200	33,500 *	54.6	402.4	13,400	39,200 *	61.9	410.7	4,800	48,500 *				160
165	47.7	390.0	18,100	31,600 *	52.7	398.7	12,500	36,800 *	60.2	407.8	4,100	46,800 *				165
170	45.6	385.2	17,000	29,800 *	50.7	394.7	11,700	34,600 *	58.4	404.8	3,600	45,100 *				170
175	43.5	380.1	16,000	28,100 *	48.8	390.4	10,900	32,600 *	56.6	401.6	3,000	42,200 *				175
180	41.2	374.5	15,100	26,600 *	46.7	385.8	10,100	30,700 *	54.8	398.1	2,500	39,500 *				180
190	36.4	361.9	13,400	23,800 *	42.4	375.5	8,700	27,400 *	51.0	390.5	1,500	34,900 *				190
200	30.9	346.6	11,800	21,400 *	37.6	363.4	7,400	24,500 *	47.0	381.6	600	30,900 *	54.8	391.8	39,600 *	200
210	24.3	327.2	10,400	19,200 *	32.3	348.9	6,300	22,000 *	42.7	371.4		27,600 *	51.0	384.1	34,900 *	210
220	15.1	298.6	9,000	17,300 *	26.1	330.7	5,200	19,800 *	38.0	359.5		24,700 *	47.0	375.3	31,000 *	220
230					17.9	305.4	4,200	17,800 *	32.7	345.2		22,200 *	42.7	365.1	27,600 *	230
240									26.5	327.3		19,900 *	38.0	353.2	24,700 *	240
250									18.5	302.6		17,900 *	32.7	338.9	22,200 *	250
260													26.6	321.0	20,000 *	260
270													18.6	296.5	18,000 *	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

240 Ft. Boom, 200 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	70.3	438.1	38,500	53,800 *												105
110	68.7	436.2	35,800	52,000 *												110
115	67.2	434.1	33,300	50,100 *												115
120	65.6	431.9	31,100	48,100 *												120
125	64.0	429.5	29,100	46,100 *	68.0	433.3	21,100	50,600 *								125
130	62.4	427.0	27,200	44,100 *	66.4	431.1	19,600	48,800 *								130
135	60.8	424.2	25,500	42,100 *	64.8	428.8	18,200	47,000 *								135
140	59.1	421.3	23,900	40,200 *	63.2	426.3	17,000	45,000 *								140
145	57.4	418.1	22,400	38,300 *	61.6	423.7	15,800	43,100 *								145
150	55.7	414.8	21,100	36,400 *	60.0	420.8	14,700	41,200 *								150
155	53.9	411.2	19,800	34,600 *	58.3	417.8	13,700	39,300 *								155
160	52.1	407.4	18,600	32,900 *	56.6	414.6	12,700	37,500 *								160
165	50.3	403.3	17,500	31,000 *	54.8	411.1	11,800	35,700 *	61.8	419.3	3,400	42,600 *				165
170	48.4	399.0	16,400	29,200 *	53.1	407.4	11,000	33,900 *	60.2	416.5	2,800	40,900 *				170
175	46.4	394.3	15,400	27,600 *	51.2	403.5	10,200	32,000 *	58.5	413.5	2,200	39,200 *				175
180	44.4	389.3	14,500	26,000 *	49.4	399.3	9,400	30,100 *	56.8	410.3	1,700	37,500 *				180
190	40.1	378.2	12,800	23,300 *	45.5	390.0	8,000	26,800 *	53.3	403.2	800	34,100 *				190
200	35.4	365.1	11,200	20,800 *	41.2	379.2	6,800	24,000 *	49.6	395.1		30,400 *	56.8	403.9	36,900 *	200
210	30.1	349.3	9,800	18,700 *	36.7	366.7	5,700	21,400 *	45.7	385.9		27,000 *	53.3	396.8	33,800 *	210
220	23.6	329.2	8,500	16,800 *	31.5	351.7	4,600	19,200 *	41.5	375.2		24,100 *	49.6	388.8	30,500 *	220
230	14.7	299.9	7,300	15,000 *	25.4	333.0	3,600	17,300 *	36.9	362.8		21,600 *	45.7	379.5	27,100 *	230
240					17.4	306.9	2,700	15,500 *	31.8	348.0		19,400 *	41.6	368.9	24,200 *	240
250									25.8	329.6		17,400 *	37.0	356.5	21,700 *	250
260									18.0	304.2		15,600 *	31.9	341.7	19,400 *	260
270													25.9	323.3	17,400 *	270
280													18.1	298.1	15,700 *	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	64.5	332.8	75,700 b	141,700 *b													70
75	59.8	330.0	69,200 b	134,200 *b													75
80	54.9	326.7	63,600 b	127,400 *b													80
85	49.6	322.6	58,800	112,700 *	63.2	329.9	46,300 b	143,800 *b									85
90	43.9	317.8	54,500	100,500 *	58.4	327.0	43,000 b	136,500 *b									90
95	37.5	311.7	50,600	90,500 *	53.4	323.5	40,000 b	123,300 *b									95
100	29.9	303.9	47,200	82,100 *	48.1	319.2	37,400	109,000 *									100
105	19.7	292.6	44,000	75,100 *	42.2	314.1	35,000	97,400 *									105
110					35.5	307.6	32,700	88,000 *	60.6	323.4	20,400 b	100,500 b					110
115					27.4	299.1	30,700	80,000 *	55.8	320.1	19,000 b	95,300 b					115
120					15.7	285.7	28,700	73,200 *	50.6	316.2	17,700	90,600					120
125									45.0	311.5	16,600	86,300					125
130									38.7	305.7	15,400	82,300					130
135									31.4	298.3	14,400	78,600	57.5	314.4	4,700 b	71,200 b	135
140									21.9	287.9	13,400	75,200	52.5	310.7	4,200 b	68,200 b	140
145													47.0	306.3	3,700	65,300	145
150													41.0	301.0	3,100	62,700	150
155													34.1	294.2	2,700	60,200	155
160													25.7	285.1	2,200	57,900	160
165													12.3	269.7	1,600	55,600	165



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	67.9	343.8	75,000 b	136,200 *b													70
75	63.9	341.4	68,600 b	129,400 *b													75
80	59.8	338.7	63,000 b	123,100 *b													80
85	55.5	335.4	58,200	113,300 *	66.8	341.0	45,400 b	138,200 *b									85
90	51.0	331.5	53,900	100,900 *	62.8	338.6	42,200 b	131,700 *b									90
95	46.2	327.0	50,100	90,800 *	58.6	335.7	39,200 b	124,000 *b									95
100	40.9	321.5	46,800	82,400 *	54.3	332.2	36,600	109,500 *									100
105	34.9	314.9	43,700	75,300 *	49.7	328.2	34,200	97,900 *									105
110	27.9	306.4	40,900	69,200 *	44.7	323.4	32,100	88,300 *									110
115	18.4	294.2	38,300	63,900 *	39.3	317.7	30,100	80,300 *	60.6	332.0	18,100 b	94,600 b					115
120					33.1	310.6	28,300	73,500 *	56.3	328.8	16,800	89,900					120
125					25.5	301.3	26,500	67,600 *	51.8	325.1	15,700	85,600					125
130					14.6	286.9	24,900	62,500 *	47.1	320.7	14,600	81,700					130
135									41.9	315.4	13,600	78,100					135
140									36.0	309.0	12,700	74,700	57.9	323.0	3,200	67,400	140
145									29.2	300.9	11,800	70,300 *	53.5	319.5	2,700	64,600	145
150									20.4	289.6	10,900	64,800 *	48.8	315.3	2,200	62,000	150
155													43.8	310.4	1,800	59,500	155
160													38.2	304.5	1,300	57,300	160
165													31.8	297.1	900	55,100	165
170													23.9	287.2	500	53,100	170
175													11.5	270.6		51,100	175



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	70.5	354.5	74,500 b	131,100 * b													70
75	67.0	352.5	68,100 b	125,000 * b													75
80	63.5	350.1	62,500 b	119,200 * b													80
85	59.9	347.3	57,700	113,700 *													85
90	56.1	344.1	53,500	101,300 *	66.0	349.7	41,500 b	127,000 * b									90
95	52.1	340.3	49,700	91,100 *	62.5	347.2	38,600	121,500 *									95
100	47.9	336.0	46,400	82,600 *	58.8	344.3	36,000	109,900 *									100
105	43.4	331.0	43,400	75,500 *	54.9	341.0	33,700	98,200 *									105
110	38.4	325.0	40,600	69,400 *	50.9	337.1	31,600	88,600 *									110
115	32.8	317.9	38,100	64,000 *	46.6	332.6	29,600	80,500 *									115
120	26.2	308.7	35,800	59,400 *	42.0	327.3	27,800	73,700 *	60.5	340.7	16,200	89,400					120
125	17.3	295.6	33,600	55,200 *	36.9	321.0	26,200	67,800 *	56.7	337.5	15,100	85,100					125
130					31.1	313.4	24,600	62,700 *	52.8	333.9	14,000	81,200					130
135					24.0	303.4	23,200	58,200 *	48.6	329.7	13,000	77,600					135
140					13.7	288.1	21,700	54,200 *	44.2	324.8	12,100	74,300					140
145									39.3	319.0	11,300	70,400 *					145
150									33.9	312.1	10,500	65,000 *	54.2	328.3	1,600	61,500	150
155									27.5	303.4	9,700	60,200 *	50.2	324.3	1,100	59,100	155
160									19.2	291.3	8,900	56,000 *	45.8	319.6	700	56,800	160
165													41.1	314.2	400	54,700	165
170													35.9	307.7		52,700	170
175													29.9	299.7		50,800	175
180													22.5	289.2		49,000	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	69.4	363.3	67,400 b	120,300 *b													75
80	66.3	361.2	61,900 b	115,000 *b													80
85	63.1	358.8	57,100	110,000 *													85
90	59.9	356.0	52,800	102,100 *													90
95	56.5	352.8	49,100	91,700 *	65.4	358.4	37,800	117,100 *									95
100	52.9	349.1	45,800	83,100 *	62.2	355.9	35,200	111,000 *									100
105	49.2	345.0	42,800	75,800 *	58.9	353.0	32,900	99,000 *									105
110	45.2	340.2	40,100	69,600 *	55.5	349.7	30,800	89,200 *									110
115	41.0	334.8	37,600	64,200 *	51.9	345.9	28,900	80,900 *									115
120	36.3	328.3	35,300	59,500 *	48.1	341.6	27,100	74,000 *									120
125	31.1	320.6	33,200	55,300 *	44.1	336.7	25,500	68,000 *	60.5	349.3	14,100	84,400					125
130	24.8	310.9	31,300	51,600 *	39.7	330.9	24,000	62,800 *	57.1	346.2	13,100	80,500					130
135	16.3	297.0	29,400	48,300 *	34.9	324.2	22,600	58,300 *	53.6	342.7	12,200	76,900					135
140					29.4	316.0	21,200	54,200 *	49.9	338.6	11,300	73,600					140
145					22.7	305.4	20,000	50,600 *	46.0	334.0	10,500	70,500					145
150					12.9	289.2	18,700	47,400 *	41.8	328.6	9,700	65,200 *					150
155									37.2	322.4	8,900	60,300 *	54.8	337.0	200	58,300	155
160									32.1	314.9	8,200	56,100 *	51.2	333.1		56,100	160
165									26.0	305.7	7,600	52,300 *	47.4	328.7		54,000	165
170									18.1	292.9	6,900	48,900 *	43.3	323.6		52,000	170
175													38.9	317.7		50,100	175
180													34.0	310.8		48,400	180
190													21.3	291.1		45,100	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	68.6	372.1	61,300	110,900 *												80
85	65.8	369.9	56,500	106,300 *												85
90	62.9	367.4	52,300	102,000 *												90
95	59.9	364.6	48,500	93,800 *	67.8	369.4	37,100	112,400 *								95
100	56.8	361.5	45,200	84,900 *	64.9	367.1	34,500	108,500 *								100
105	53.6	357.9	42,200	77,500 *	62.0	364.6	32,200	101,200 *								105
110	50.3	353.9	39,500	71,100 *	59.0	361.7	30,100	91,100 *								110
115	46.7	349.4	37,100	65,600 *	55.9	358.4	28,200	82,700 *								115
120	43.0	344.2	34,800	60,800 *	52.7	354.7	26,500	75,600 *								120
125	39.0	338.3	32,800	56,500 *	49.3	350.6	24,900	69,500 *								125
130	34.6	331.5	30,900	52,700 *	45.7	345.9	23,400	64,200 *	60.4	358.0	12,400	80,000				130
135	29.6	323.3	29,100	49,300 *	41.9	340.5	22,000	59,500 *	57.3	354.9	11,500	76,400				135
140	23.6	313.0	27,400	46,300 *	37.8	334.4	20,700	55,400 *	54.2	351.4	10,600	73,100				140
145	15.5	298.4	25,800	43,500 *	33.2	327.2	19,500	51,700 *	50.9	347.5	9,800	70,000				145
150					28.0	318.5	18,400	48,400 *	47.4	343.0	9,000	66,500 *				150
155					21.6	307.3	17,300	45,500 *	43.7	338.0	8,300	61,600 *				155
160					12.3	290.2	16,200	42,800 *	39.7	332.3	7,600	57,300 *	55.3	345.7	55,500	160
165									35.4	325.6	7,000	53,400 *	52.1	341.9	53,400	165
170									30.5	317.7	6,400	49,900 *	48.6	337.7	51,400	170
175									24.7	307.8	5,800	46,800 *	45.0	332.9	49,600	175
180									17.2	294.3	5,200	44,000 *	41.2	327.4	47,800	180
190													32.3	313.7	44,600	190
200													20.2	292.8	41,700	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	70.5	382.8	60,600	105,400 *												80
85	67.9	380.8	55,800	102,500 *												85
90	65.3	378.6	51,600	98,600 *												90
95	62.6	376.1	47,900	93,500 *												95
100	59.9	373.3	44,600	84,600 *	67.2	378.1	33,700	101,700 *								100
105	57.1	370.2	41,600	77,100 *	64.5	375.8	31,400	99,400 *								105
110	54.2	366.7	38,900	70,700 *	61.9	373.2	29,400	90,800 *								110
115	51.1	362.7	36,500	65,200 *	59.1	370.3	27,500	82,400 *								115
120	48.0	358.4	34,200	60,300 *	56.2	367.1	25,700	75,200 *								120
125	44.6	353.5	32,200	56,100 *	53.3	363.5	24,100	69,100 *								125
130	41.1	348.0	30,300	52,300 *	50.2	359.5	22,700	63,800 *								130
135	37.2	341.7	28,600	48,900 *	47.0	355.0	21,300	59,100 *	60.4	366.6	10,600	75,700				135
140	33.0	334.4	27,000	45,900 *	43.6	349.9	20,000	55,000 *	57.6	363.6	9,700	72,400				140
145	28.2	325.8	25,500	43,100 *	40.0	344.2	18,900	51,300 *	54.7	360.1	9,000	69,400				145
150	22.6	315.0	24,000	40,600 *	36.1	337.7	17,700	48,000 *	51.7	356.3	8,200	66,200 *				150
155	14.9	299.7	22,600	38,300 *	31.7	330.0	16,700	45,100 *	48.5	352.0	7,500	61,200 *				155
160					26.7	320.9	15,700	42,400 *	45.2	347.2	6,900	56,800 *				160
165					20.6	309.1	14,700	39,900 *	41.7	341.9	6,200	53,000 *	55.7	354.4	52,700	165
170					11.7	291.2	13,800	37,600 *	37.9	335.7	5,700	49,500 *	52.8	350.7	50,800	170
175									33.8	328.6	5,100	46,400 *	49.7	346.6	48,900	175
180									29.1	320.3	4,500	43,600 *	46.4	342.0	47,200	180
190									16.5	295.8	3,500	38,700 *	39.3	331.0	44,000	190
200													30.9	316.5	41,100	200
210													19.3	294.5	38,500	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	69.7	391.6	55,500	96,000 *												85
90	67.3	389.6	51,300	93,700 *												90
95	64.9	387.3	47,600	91,400 *												95
100	62.4	384.8	44,300	84,500 *												100
105	59.9	382.0	41,300	77,000 *	66.6	386.9	31,100	92,600 *								105
110	57.3	378.8	38,600	70,600 *	64.2	384.5	29,000	90,600 *								110
115	54.6	375.4	36,200	65,100 *	61.7	381.9	27,100	82,300 *								115
120	51.8	371.6	34,000	60,200 *	59.2	379.0	25,400	75,100 *								120
125	49.0	367.4	32,000	56,000 *	56.5	375.8	23,800	69,000 *								125
130	45.9	362.7	30,100	52,200 *	53.8	372.2	22,400	63,600 *								130
135	42.8	357.5	28,400	48,800 *	51.0	368.3	21,000	59,000 *	62.9	378.1	10,300	75,400				135
140	39.4	351.6	26,800	45,700 *	48.1	364.0	19,800	54,800 *	60.3	375.3	9,400	72,200				140
145	35.7	345.0	25,300	43,000 *	45.1	359.1	18,600	51,200 *	57.8	372.2	8,600	69,100				145
150	31.7	337.3	23,900	40,400 *	41.8	353.7	17,500	47,900 *	55.1	368.9	7,900	66,100 *				150
155	27.1	328.2	22,600	38,100 *	38.4	347.7	16,500	44,900 *	52.3	365.1	7,200	61,100 *				155
160	21.6	316.9	21,400	36,000 *	34.6	340.8	15,500	42,200 *	49.5	361.0	6,600	56,700 *				160
165	14.2	300.9	20,100	34,100 *	30.4	332.8	14,600	39,800 *	46.5	356.4	6,000	52,800 *				165
170					25.6	323.1	13,700	37,500 *	43.3	351.2	5,400	49,400 *	56.1	363.1	50,500	170
175					19.8	310.9	12,900	35,500 *	40.0	345.5	4,800	46,300 *	53.3	359.5	48,700	175
180					11.3	292.1	12,000	33,500 *	36.4	339.0	4,300	43,500 *	50.5	355.5	47,000	180
190									28.0	322.8	3,300	38,600 *	44.5	346.1	43,800	190
200									15.8	297.1	2,400	34,400 *	37.7	334.4	41,000	200
210													29.6	319.1	38,400	210
220													18.6	296.1	35,200 *	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	69.0	400.4	50,700	86,200 *												90
95	66.8	398.3	47,000	84,100 *												95
100	64.6	396.0	43,700	82,000 *												100
105	62.3	393.4	40,700	77,500 *												105
110	59.9	390.6	38,000	70,900 *	66.2	395.6	28,300	83,100 *								110
115	57.5	387.5	35,600	65,300 *	63.9	393.2	26,400	81,300 *								115
120	55.0	384.1	33,400	60,300 *	61.6	390.6	24,700	75,500 *								120
125	52.5	380.4	31,400	56,000 *	59.2	387.7	23,100	69,300 *								125
130	49.8	376.3	29,500	52,100 *	56.8	384.5	21,700	63,800 *								130
135	47.1	371.7	27,800	48,700 *	54.3	381.0	20,300	59,000 *								135
140	44.2	366.8	26,200	45,600 *	51.7	377.1	19,100	54,800 *	62.7	386.7	8,600	71,500				140
145	41.1	361.2	24,800	42,800 *	49.0	372.9	17,900	51,100 *	60.3	384.0	7,800	68,500				145
150	37.9	355.0	23,400	40,200 *	46.2	368.3	16,800	47,800 *	57.9	380.9	7,100	65,700				150
155	34.3	348.1	22,100	37,900 *	43.3	363.1	15,800	44,800 *	55.5	377.6	6,400	61,200 *				155
160	30.5	340.0	20,900	35,800 *	40.2	357.4	14,900	42,000 *	52.9	373.9	5,800	56,800 *				160
165	26.1	330.5	19,700	33,800 *	36.9	351.0	14,000	39,600 *	50.3	369.8	5,200	52,800 *				165
170	20.8	318.7	18,600	32,000 *	33.3	343.8	13,100	37,300 *	47.6	365.4	4,600	49,300 *				170
175	13.7	302.0	17,500	30,300 *	29.3	335.4	12,300	35,200 *	44.7	360.5	4,100	46,100 *	56.3	371.8	48,000	175
180					24.7	325.3	11,500	33,300 *	41.7	355.1	3,600	43,300 *	53.8	368.2	46,300	180
190					10.8	293.1	10,000	29,900 *	35.0	342.2	2,600	38,300 *	48.5	360.1	43,200	190
200									26.9	325.2	1,800	34,200 *	42.8	350.1	40,300	200
210									15.2	298.4	900	30,600 *	36.3	337.7	37,800	210
220													28.5	321.6	34,900 *	220
230													17.9	297.7	31,300 *	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	70.5	411.1	50,100	81,900 *												90
95	68.4	409.2	46,300	80,200 *												95
100	66.4	407.0	43,000	78,400 *												100
105	64.3	404.7	40,100	76,700 *												105
110	62.1	402.1	37,400	71,600 *	67.8	406.5	27,600	79,000 *								110
115	59.9	399.3	35,000	65,900 *	65.8	404.3	25,700	77,500 *								115
120	57.7	396.2	32,800	60,800 *	63.6	401.9	24,000	76,100 *								120
125	55.4	392.8	30,800	56,400 *	61.5	399.2	22,500	69,900 *								125
130	53.0	389.1	29,000	52,500 *	59.3	396.3	21,000	64,400 *								130
135	50.5	385.1	27,200	49,000 *	57.0	393.2	19,700	59,500 *								135
140	48.0	380.8	25,700	45,900 *	54.7	389.7	18,500	55,300 *								140
145	45.4	376.0	24,200	43,100 *	52.3	385.9	17,300	51,500 *	62.5	395.4	7,100	67,900				145
150	42.6	370.7	22,800	40,500 *	49.8	381.8	16,200	48,100 *	60.3	392.6	6,400	65,100				150
155	39.6	364.9	21,600	38,100 *	47.3	377.3	15,200	45,100 *	58.1	389.6	5,700	61,700 *				155
160	36.5	358.4	20,400	36,000 *	44.6	372.4	14,300	42,300 *	55.8	386.3	5,100	57,200 *				160
165	33.1	351.0	19,200	34,000 *	41.8	367.0	13,400	39,800 *	53.4	382.6	4,500	53,200 *				165
170	29.4	342.6	18,200	32,200 *	38.8	361.0	12,600	37,500 *	51.0	378.7	4,000	49,700 *				170
175	25.2	332.7	17,200	30,500 *	35.6	354.3	11,800	35,400 *	48.5	374.4	3,400	46,500 *				175
180	20.1	320.4	16,200	28,900 *	32.1	346.7	11,000	33,500 *	45.8	369.7	2,900	43,600 *	56.6	380.5	45,700	180
190					23.8	327.4	9,600	30,000 *	40.2	358.8	2,000	38,600 *	51.9	373.2	42,600	190
200					10.4	293.9	8,200	27,000 *	33.7	345.2	1,200	34,400 *	46.8	364.4	39,800	200
210									26.0	327.5	400	30,800 *	41.2	353.9	37,300	210
220									14.7	299.7		27,700 *	35.0	340.9	35,000	220
230													27.5	324.1	31,400 *	230
240													17.2	299.2	28,300 *	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	69.9	419.9	45,700	74,800 *												95
100	67.9	417.9	42,400	73,200 *												100
105	66.0	415.8	39,400	71,600 *												105
110	64.0	413.4	36,800	70,100 *												110
115	62.0	410.8	34,400	65,300 *	67.4	415.2	25,000	72,100 *								115
120	59.9	407.9	32,200	60,300 *	65.4	413.0	23,300	70,700 *								120
125	57.8	404.9	30,200	55,900 *	63.4	410.5	21,700	69,400 *								125
130	55.7	401.5	28,300	52,000 *	61.4	407.9	20,300	63,800 *								130
135	53.5	397.9	26,600	48,500 *	59.3	405.0	19,000	59,000 *								135
140	51.2	394.0	25,100	45,400 *	57.2	401.8	17,700	54,800 *								140
145	48.8	389.7	23,600	42,500 *	55.0	398.4	16,600	51,000 *								145
150	46.4	385.1	22,200	40,000 *	52.8	394.7	15,500	47,600 *	62.3	404.1	5,600	64,500				150
155	43.8	380.0	21,000	37,600 *	50.5	390.7	14,500	44,500 *	60.3	401.3	4,900	61,200 *				155
160	41.2	374.5	19,800	35,500 *	48.1	386.3	13,600	41,800 *	58.2	398.3	4,300	56,700 *				160
165	38.3	368.3	18,700	33,500 *	45.7	381.6	12,700	39,300 *	56.0	395.0	3,700	52,700 *				165
170	35.3	361.6	17,600	31,600 *	43.1	376.4	11,900	37,000 *	53.8	391.4	3,200	49,100 *				170
175	32.0	353.9	16,600	30,000 *	40.4	370.7	11,100	34,900 *	51.6	387.5	2,700	45,900 *				175
180	28.4	345.2	15,700	28,400 *	37.5	364.4	10,400	33,000 *	49.2	383.3	2,200	43,000 *				180
190	19.4	322.1	13,900	25,500 *	31.0	349.4	9,000	29,500 *	44.3	373.8	1,300	38,000 *	54.6	385.7	42,000	190
200					23.0	329.4	7,700	26,500 *	38.8	362.3	500	33,800 *	50.1	377.9	39,200	200
210					10.1	294.8	6,500	23,900 *	32.6	348.2		30,300 *	45.2	368.6	36,700	210
220									25.1	329.7		27,200 *	39.9	357.5	34,400	220
230									14.2	300.9		24,500 *	33.8	343.9	30,900 *	230
240													26.6	326.4	27,700 *	240
250													16.7	300.6	25,000 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	69.3	428.7	42,000	68,600 *												100
105	67.5	426.7	39,100	67,300 *												105
110	65.6	424.5	36,400	65,800 *												110
115	63.8	422.0	34,000	64,100 *												115
120	61.9	419.4	31,800	60,000 *	66.9	424.0	22,900	66,100 *								120
125	59.9	416.6	29,800	55,600 *	65.1	421.7	21,300	64,900 *								125
130	57.9	413.5	28,000	51,700 *	63.2	419.2	19,900	63,300 *								130
135	55.9	410.2	26,300	48,200 *	61.3	416.5	18,600	58,700 *								135
140	53.9	406.6	24,700	45,100 *	59.4	413.6	17,400	54,500 *								140
145	51.7	402.8	23,300	42,200 *	57.4	410.5	16,200	50,700 *								145
150	49.5	398.6	21,900	39,700 *	55.3	407.1	15,200	47,300 *								150
155	47.3	394.1	20,700	37,300 *	53.2	403.5	14,200	44,200 *	62.2	412.7	4,500	60,800 *				155
160	44.9	389.2	19,500	35,200 *	51.1	399.5	13,300	41,500 *	60.3	409.9	3,900	56,400 *				160
165	42.4	383.9	18,400	33,200 *	48.9	395.3	12,400	39,000 *	58.3	406.9	3,400	52,400 *				165
170	39.9	378.1	17,300	31,300 *	46.6	390.7	11,600	36,700 *	56.3	403.7	2,800	48,800 *				170
175	37.1	371.7	16,400	29,700 *	44.2	385.7	10,800	34,600 *	54.2	400.1	2,300	45,600 *				175
180	34.2	364.6	15,400	28,100 *	41.7	380.2	10,100	32,600 *	52.1	396.3	1,800	42,700 *				180
190	27.6	347.6	13,700	25,300 *	36.3	367.7	8,700	29,200 *	47.7	387.8	900	37,700 *	57.0	397.9	41,700	190
200	18.8	323.8	12,100	22,800 *	30.1	352.1	7,500	26,200 *	42.9	377.7	100	33,500 *	52.9	390.7	38,900	200
210					22.3	331.4	6,300	23,600 *	37.6	365.7		30,000 *	48.5	382.4	36,400	210
220					9.8	295.6	5,200	21,300 *	31.6	351.0		26,900 *	43.8	372.6	34,100	220
230									24.3	331.8		24,200 *	38.6	361.0	30,600 *	230
240									13.7	302.1		21,900 *	32.8	346.9	27,400 *	240
250													25.8	328.7	24,700 *	250
260													16.1	302.0	22,300 *	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 180 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	70.5	439.4	41,400	64,000 *												100
105	68.8	437.5	38,400	62,700 *												105
110	67.1	435.4	35,800	61,400 *												110
115	65.3	433.2	33,400	59,400 *												115
120	63.6	430.7	31,200	57,500 *												120
125	61.8	428.1	29,200	55,100 *	66.6	432.7	20,600	60,200 *								125
130	59.9	425.3	27,400	51,200 *	64.8	430.4	19,200	58,400 *								130
135	58.1	422.2	25,700	47,700 *	63.0	427.9	17,900	56,700 *								135
140	56.2	418.9	24,100	44,500 *	61.2	425.2	16,700	53,900 *								140
145	54.2	415.4	22,700	41,700 *	59.4	422.3	15,500	50,200 *								145
150	52.2	411.6	21,300	39,100 *	57.5	419.2	14,500	46,800 *								150
155	50.2	407.5	20,100	36,800 *	55.6	415.8	13,500	43,700 *								155
160	48.0	403.1	18,900	34,600 *	53.6	412.2	12,600	41,000 *	62.1	421.4	3,100	54,300 *				160
165	45.8	398.4	17,800	32,600 *	51.6	408.4	11,700	38,400 *	60.2	418.6	2,600	51,900 *				165
170	43.6	393.2	16,800	30,800 *	49.6	404.2	10,900	36,100 *	58.4	415.6	2,000	48,300 *				170
175	41.2	387.7	15,800	29,100 *	47.4	399.7	10,100	34,000 *	56.5	412.3	1,500	45,100 *				175
180	38.7	381.6	14,900	27,600 *	45.2	394.8	9,400	32,100 *	54.6	408.9	1,100	42,200 *				180
190	33.2	367.6	13,200	24,700 *	40.5	383.9	8,100	28,700 *	50.5	401.1	200	37,200 *				190
200	26.7	350.0	11,600	22,300 *	35.2	370.9	6,900	25,700 *	46.2	392.1		33,000 *	55.3	403.1	38,300	200
210	18.3	325.4	10,200	20,100 *	29.2	354.7	5,700	23,100 *	41.6	381.5		29,400 *	51.3	395.6	35,800	210
220					21.7	333.3	4,700	20,800 *	36.5	369.0		26,400 *	47.0	386.8	33,500	220
230					9.5	296.4	3,600	18,800 *	30.7	353.7		23,700 *	42.5	376.6	30,100 *	230
240									23.6	333.9		21,400 *	37.5	364.4	26,900 *	240
250									13.3	303.2		19,300 *	31.8	349.7	24,200 *	250
260													25.0	330.9	21,800 *	260
270													15.7	303.4	19,600 *	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	70.0	448.2	37,900	57,300 *												105
110	68.3	446.2	35,200	55,700 *												110
115	66.7	444.1	32,800	54,000 *												115
120	65.0	441.9	30,600	52,200 *												120
125	63.4	439.4	28,600	50,200 *	67.9	443.6	20,000	54,500 *								125
130	61.7	436.8	26,800	48,300 *	66.2	441.4	18,600	53,000 *								130
135	59.9	433.9	25,100	46,500 *	64.6	439.1	17,300	51,300 *								135
140	58.2	430.9	23,600	44,500 *	62.9	436.6	16,100	49,500 *								140
145	56.4	427.6	22,100	41,800 *	61.2	433.9	15,000	47,700 *								145
150	54.5	424.1	20,800	39,100 *	59.4	431.0	13,900	45,900 *								150
155	52.6	420.4	19,500	36,700 *	57.7	427.9	12,900	43,900 *								155
160	50.7	416.4	18,400	34,500 *	55.8	424.5	12,000	41,000 *								160
165	48.7	412.1	17,300	32,500 *	54.0	421.0	11,200	38,500 *	62.0	430.1	1,900	47,500 *				165
170	46.7	407.5	16,200	30,700 *	52.1	417.2	10,300	36,100 *	60.2	427.3	1,400	46,000 *				170
175	44.5	402.5	15,300	28,900 *	50.1	413.1	9,600	34,000 *	58.5	424.3	900	44,400 *				175
180	42.3	397.1	14,400	27,300 *	48.1	408.7	8,900	32,000 *	56.7	421.0	400	42,300 *				180
190	37.6	385.0	12,700	24,500 *	43.9	398.9	7,500	28,500 *	53.0	413.9		37,200 *				190
200	32.3	370.5	11,100	22,000 *	39.3	387.5	6,300	25,500 *	49.1	405.7		32,900 *	57.3	415.2	37,700	200
210	26.0	352.3	9,700	19,800 *	34.3	373.9	5,200	22,800 *	44.9	396.2		29,300 *	53.6	408.2	35,300	210
220	17.8	326.9	8,400	17,500 *	28.4	357.3	4,200	20,500 *	40.4	385.2		26,100 *	49.8	400.2	33,000	220
230					21.1	335.2	3,300	18,500 *	35.5	372.2		23,400 *	45.7	391.0	29,900 *	230
240					9.2	297.2	2,300	16,600 *	29.8	356.4		21,000 *	41.3	380.3	26,700 *	240
250									23.0	335.9		18,900 *	36.4	367.7	23,900 *	250
260									13.0	304.4		17,000 *	30.9	352.5	21,500 *	260
270													24.3	333.1	19,300 *	270
280													15.2	304.7	17,400 *	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

260 Ft. Boom, 200 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	69.5	457.0	34,600	51,300 *												110
115	67.9	455.0	32,200	49,600 *												115
120	66.4	452.9	30,000	47,900 *												120
125	64.8	450.6	28,000	46,100 *												125
130	63.2	448.1	26,200	44,200 *												130
135	61.6	445.4	24,500	42,300 *	65.9	450.1	16,500	47,100 *								135
140	59.9	442.6	22,900	40,400 *	64.3	447.8	15,300	45,500 *								140
145	58.3	439.5	21,500	38,500 *	62.7	445.2	14,200	43,700 *								145
150	56.5	436.3	20,200	36,700 *	61.1	442.5	13,200	41,900 *								150
155	54.8	432.8	18,900	35,000 *	59.5	439.6	12,200	40,100 *								155
160	53.0	429.1	17,700	33,300 *	57.8	436.5	11,300	38,400 *	61.9	438.7	600	41,900 *				160
165	51.2	425.2	16,700	31,600 *	56.1	433.2	10,500	36,600 *								165
170	49.3	421.0	15,600	30,100 *	54.3	429.7	9,700	34,900 *								170
175	47.4	416.5	14,700	28,400 *	52.5	425.9	8,900	33,200 *								175
180	45.4	411.7	13,800	26,800 *	50.7	421.9	8,200	31,400 *								180
190	41.2	400.9	12,100	23,900 *	46.8	413.0	6,900	27,900 *	55.1	426.3		35,600 *	55.7	420.6	34,600	190
200	36.6	388.4	10,600	21,400 *	42.7	402.8	5,700	24,900 *	51.5	418.7		32,300 *				200
210	31.4	373.3	9,200	19,200 *	38.3	391.0	4,600	22,300 *	47.7	410.1		28,700 *				210
220	25.3	354.5	7,900	16,500 *	33.4	376.9	3,600	20,000 *	43.7	400.3		25,600 *				220
230	17.3	328.4	6,700	13,400 *	27.7	359.7	2,700	17,900 *	39.4	388.8		22,900 *				230
240					20.5	337.0	1,800	16,100 *	34.6	375.4		20,500 *	44.5	395.1	26,100 *	240
250					9.0	298.0	900	14,400 *	29.1	359.0		18,400 *	40.2	384.0	23,400 *	250
260								22.4	337.9	16,500 *		35.5	371.0	20,900 *	260	
270								12.6	305.5	14,800 *		30.1	355.2	18,800 *	270	
280																
290													23.7	335.2	16,900 *	280
													14.8	306.0	15,100 *	290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	62.1	351.3	67,800 b	134,900 * b													75
80	57.3	348.2	62,400 b	128,700 * b													80
85	52.2	344.5	57,600 b	119,700 * b													85
90	46.8	340.1	53,400	106,100 *	61.7	348.8	40,800 b	129,100 * b									90
95	40.7	334.7	49,600	95,100 *	56.9	345.7	38,000 b	126,300 * b									95
100	33.8	327.9	46,200	86,000 *	51.8	342.0	35,500 b	118,500 * b									100
105	25.2	318.6	43,100	78,400 *	46.3	337.5	33,200	105,200 *									105
110	11.4	302.5	40,100	71,800 *	40.2	332.0	31,100	94,300 *									110
115					33.2	325.0	29,100	85,400 *	60.8	342.8	16,200 b	93,000 b					115
120					24.4	315.5	27,300	77,800 *	55.9	339.6	15,100 b	88,400 b					120
125					9.4	297.8	25,400	71,300 *	50.8	335.7	14,000 b	84,200 b					125
130									45.2	331.0	13,000	80,300					130
135									38.9	325.3	12,100	76,700					135
140									31.7	317.9	11,200	73,400					140
145									22.3	307.6	10,300	70,300	54.4	330.9	600 b	62,900 b	145
150													49.1	326.8	200	60,300	150
155													43.3	321.9		57,900	155
160													36.8	315.7		55,700	160
165													29.1	307.6		53,600	165
170													18.4	295.7		51,600	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	65.9	362.5	67,200 b	129,700 *b												75
80	61.8	359.9	61,700 b	124,000 *b												80
85	57.7	356.9	57,000 b	118,700 *b												85
90	53.3	353.3	52,800	106,600 *	65.6	360.0	40,000 b	123,400 *b								90
95	48.6	349.1	49,100	95,500 *	61.5	357.4	37,200 b	121,100 *b								95
100	43.5	344.2	45,700	86,300 *	57.3	354.4	34,700 b	118,700 *b								100
105	37.9	338.2	42,700	78,600 *	52.9	350.8	32,400	105,700 *								105
110	31.5	330.7	40,000	72,100 *	48.2	346.5	30,300	94,700 *								110
115	23.5	320.7	37,500	66,400 *	43.1	341.5	28,400	85,700 *								115
120	10.6	303.4	35,000	61,400 *	37.5	335.4	26,700	78,100 *	60.7	351.4	14,100 b	87,600 b				120
125					30.9	327.8	25,100	71,600 *	56.5	348.3	13,100	83,400				125
130					22.7	317.5	23,500	66,000 *	52.0	344.5	12,100	79,600				130
135					8.7	298.5	21,900	61,100 *	47.2	340.1	11,200	76,100				135
140									42.1	334.9	10,400	72,800				140
145									36.3	328.6	9,600	69,700				145
150									29.5	320.6	8,800	66,900	55.1	339.7	59,600	150
155									20.8	309.4	8,100	64,200	50.6	335.7	57,200	155
160													45.7	331.1	55,000	160
165													40.3	325.6	52,900	165
170													34.3	318.8	51,000	170
175													27.1	310.0	49,100	175
180													17.2	297.2	47,400	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	68.7	373.4	66,700 b	123,700 *b												75
80	65.2	371.2	61,200 b	119,300 *b												80
85	61.6	368.6	56,500 b	114,400 *b												85
90	57.9	365.6	52,300	108,000 *												90
95	54.0	362.1	48,600	96,600 *	64.9	368.7	36,600 b	114,900 *b								95
100	50.0	358.1	45,300	87,200 *	61.4	366.1	34,100	112,900 *								100
105	45.6	353.4	42,400	79,400 *	57.6	363.1	31,800	107,000 *								105
110	40.9	347.9	39,700	72,700 *	53.7	359.5	29,800	95,800 *								110
115	35.7	341.4	37,200	66,900 *	49.6	355.5	27,900	86,600 *								115
120	29.6	333.3	35,000	61,900 *	45.2	350.7	26,200	78,800 *								120
125	22.1	322.6	32,900	57,500 *	40.5	345.2	24,600	72,200 *	60.6	360.1	12,400	82,900				125
130	9.9	304.2	30,800	53,500 *	35.2	338.6	23,200	66,500 *	56.9	357.0	11,500	79,100				130
135					29.1	330.4	21,800	61,600 *	52.9	353.3	10,600	75,600				135
140					21.4	319.3	20,500	57,200 *	48.8	349.1	9,800	72,300				140
145					8.1	299.2	19,100	53,200 *	44.3	344.3	9,100	69,300				145
150									39.5	338.5	8,300	66,500				150
155									34.1	331.7	7,700	63,900	55.7	348.4	56,700	155
160									27.7	323.0	7,000	60,700 *	51.7	344.6	54,500	160
165									19.5	311.1	6,300	56,400 *	47.4	340.2	52,500	165
170													42.9	335.1	50,500	170
175													37.9	329.0	48,700	175
180													32.2	321.7	47,000	180
190													16.1	298.5	43,800	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	70.9	384.1	66,000 b	117,700 *b												75
80	67.9	382.1	60,500 b	114,500 *b												80
85	64.7	379.9	55,800	110,100 *												85
90	61.5	377.2	51,600	106,000 *												90
95	58.1	374.2	48,000	96,600 *	67.6	379.7	35,700 b	109,600 *b								95
100	54.7	370.8	44,700	87,100 *	64.5	377.4	33,200	107,900 *								100
105	51.0	366.9	41,700	79,200 *	61.2	374.8	31,000	106,300 *								105
110	47.2	362.5	39,100	72,500 *	57.9	371.7	29,000	95,800 *								110
115	43.1	357.4	36,700	66,700 *	54.4	368.3	27,100	86,500 *								115
120	38.7	351.5	34,400	61,700 *	50.7	364.3	25,500	78,700 *								120
125	33.7	344.4	32,400	57,300 *	46.9	359.9	23,900	72,100 *								125
130	28.0	335.8	30,500	53,300 *	42.8	354.7	22,500	66,300 *	60.6	368.8	10,500	78,400				130
135	20.9	324.4	28,700	49,800 *	38.3	348.7	21,100	61,400 *	57.2	365.6	9,700	74,900				135
140	9.3	304.9	26,900	46,600 *	33.3	341.6	19,900	57,000 *	53.7	362.1	8,900	71,600				140
145					27.5	332.8	18,700	53,100 *	50.0	358.1	8,200	68,600				145
150					20.2	321.1	17,500	49,600 *	46.1	353.5	7,500	65,900				150
155					7.7	299.8	16,300	46,400 *	41.9	348.1	6,800	63,300				155
160									37.4	342.0	6,200	60,500 *	56.1	357.1	53,700	160
165									32.2	334.6	5,600	56,200 *	52.6	353.4	51,700	165
170									26.2	325.3	5,000	52,400 *	48.8	349.2	49,800	170
175									18.5	312.7	4,500	49,000 *	44.8	344.4	48,000	175
180													40.6	338.8	46,300	180
190													30.5	324.4	43,200	190
200													15.3	299.8	40,300	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	70.0	392.9	59,900 b	109,000 *b												80
85	67.2	390.9	55,200	106,200 *												85
90	64.3	388.5	51,000	102,400 *												90
95	61.3	385.9	47,400	98,700 *												95
100	58.3	382.9	44,100	89,100 *	66.9	388.4	32,500	103,200 *								100
105	55.2	379.5	41,200	81,000 *	64.1	386.1	30,300	101,800 *								105
110	51.9	375.8	38,500	74,100 *	61.1	383.4	28,300	97,900 *								110
115	48.5	371.5	36,100	68,200 *	58.1	380.4	26,500	88,400 *								115
120	44.9	366.7	33,900	63,000 *	54.9	377.0	24,800	80,400 *								120
125	41.0	361.2	31,900	58,500 *	51.6	373.2	23,300	73,600 *								125
130	36.8	354.8	30,000	54,500 *	48.2	368.9	21,900	67,800 *								130
135	32.1	347.3	28,300	50,900 *	44.6	364.0	20,500	62,700 *	60.5	377.4	9,000	74,300				135
140	26.7	338.2	26,700	47,700 *	40.7	358.4	19,300	58,200 *	57.5	374.3	8,200	71,100				140
145	19.9	326.2	25,100	44,800 *	36.4	352.0	18,200	54,200 *	54.3	370.8	7,500	68,100				145
150	8.9	305.7	23,600	41,100 *	31.7	344.4	17,100	50,700 *	51.0	366.9	6,800	65,300				150
155					26.2	335.1	16,000	47,500 *	47.5	362.5	6,200	62,700				155
160					19.2	322.8	15,000	44,600 *	43.8	357.5	5,600	60,300				160
165					7.3	300.4	14,000	41,400 *	39.9	351.8	5,000	57,400 *	56.5	365.8	51,100	165
170									35.5	345.2	4,500	53,500 *	53.3	362.2	49,200	170
175									30.7	337.3	3,900	50,000 *	49.9	358.1	47,500	175
180									25.0	327.6	3,400	46,900 *	46.4	353.5	45,800	180
190													38.6	342.3	42,700	190
200													29.0	327.0	39,900	200
210													14.5	301.1	37,300	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 120 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	69.2	401.7	54,500	99,200 *												85
90	66.6	399.6	50,400	96,700 *												90
95	63.9	397.2	46,700	93,800 *												95
100	61.2	394.6	43,400	89,900 *												100
105	58.5	391.6	40,500	81,600 *	66.4	397.2	29,500	97,000 *								105
110	55.6	388.3	37,900	74,500 *	63.7	394.8	27,500	95,700 *								110
115	52.6	384.6	35,500	68,500 *	61.0	392.1	25,700	89,200 *								115
120	49.5	380.4	33,300	63,200 *	58.2	389.1	24,000	81,000 *								120
125	46.3	375.8	31,300	58,600 *	55.4	385.7	22,500	74,000 *								125
130	42.8	370.6	29,500	54,500 *	52.4	382.0	21,100	68,000 *								130
135	39.1	364.7	27,800	50,900 *	49.3	377.8	19,800	62,800 *								135
140	35.1	358.0	26,200	47,600 *	46.0	373.2	18,600	58,300 *	60.5	386.1	7,300	70,400				140
145	30.7	350.1	24,700	44,700 *	42.5	367.9	17,500	54,200 *	57.7	383.0	6,600	67,400				145
150	25.5	340.4	23,300	42,000 *	38.8	362.0	16,400	50,600 *	54.8	379.6	6,000	64,700				150
155	19.0	327.8	22,000	39,600 *	34.8	355.2	15,400	47,400 *	51.8	375.8	5,400	62,100				155
160	8.5	306.4	20,600	36,400 *	30.3	347.1	14,500	44,500 *	48.6	371.5	4,800	59,700				160
165					25.0	337.3	13,600	41,900 *	45.3	366.7	4,200	57,500				165
170					18.4	324.4	12,700	39,400 *	41.8	361.4	3,700	53,500 *	56.8	374.5	48,500	170
175					6.9	300.9	11,800	36,700 *	38.1	355.3	3,200	50,000 *	53.9	370.9	46,800	175
180									33.9	348.2	2,700	46,900 *	50.8	367.0	45,100	180
190									23.9	329.7	1,800	41,400 *	44.3	357.6	42,100	190
200													36.8	345.7	39,300	200
210													27.7	329.5	36,800	210
220													13.9	302.3	34,500	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	70.8	412.4	54,200	92,100 *												85
90	68.5	410.5	50,100	90,400 *												90
95	66.1	408.3	46,400	88,200 *												95
100	63.6	405.9	43,200	85,600 *												100
105	61.1	403.2	40,300	81,500 *												105
110	58.6	400.2	37,600	74,400 *	65.9	405.9	27,200	88,000 *								110
115	55.9	397.0	35,200	68,400 *	63.4	403.4	25,400	86,200 *								115
120	53.2	393.3	33,100	63,100 *	60.9	400.7	23,700	80,900 *								120
125	50.4	389.3	31,100	58,500 *	58.4	397.7	22,200	73,900 *								125
130	47.4	384.9	29,300	54,400 *	55.7	394.4	20,800	67,900 *								130
135	44.3	379.9	27,600	50,800 *	53.0	390.8	19,500	62,700 *								135
140	41.1	374.4	26,000	47,500 *	50.2	386.7	18,300	58,200 *	63.0	397.5	7,000	70,100				140
145	37.5	368.2	24,600	44,600 *	47.2	382.2	17,200	54,100 *	60.4	394.7	6,300	67,200				145
150	33.7	361.0	23,200	41,900 *	44.1	377.3	16,200	50,500 *	57.9	391.7	5,600	64,400				150
155	29.4	352.7	21,900	39,500 *	40.8	371.7	15,200	47,300 *	55.2	388.3	5,000	61,900				155
160	24.4	342.6	20,700	37,300 *	37.2	365.4	14,300	44,400 *	52.4	384.6	4,500	59,500				160
165	18.2	329.4	19,500	35,200 *	33.4	358.2	13,400	41,700 *	49.6	380.4	3,900	57,200				165
170	8.1	307.0	18,300	32,500 *	29.0	349.7	12,600	39,300 *	46.6	375.9	3,400	53,400 *				170
175					24.0	339.4	11,800	37,100 *	43.5	370.8	2,900	49,900 *	57.0	383.1	46,500	175
180					17.6	325.9	11,000	35,100 *	40.1	365.0	2,500	46,700 *	54.4	379.7	44,900	180
190									32.6	351.2	1,600	41,300 *	48.7	371.5	41,800	190
200									22.9	331.7	800	36,700 *	42.4	361.5	39,100	200
210													35.3	348.9	36,600	210
220													26.6	331.8	34,400	220
230													13.3	303.4	32,300	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	70.1	421.2	49,400	84,000 *												90
95	67.9	419.2	45,700	82,500 *												95
100	65.7	417.0	42,500	80,500 *												100
105	63.4	414.6	39,600	78,300 *												105
110	61.1	411.9	37,000	74,000 *	67.7	416.8	26,400	81,600 *								110
115	58.7	408.9	34,600	67,900 *	65.5	414.6	24,600	80,100 *								115
120	56.2	405.7	32,400	62,600 *	63.2	412.1	23,000	78,600 *								120
125	53.7	402.1	30,500	58,000 *	60.9	409.4	21,500	73,500 *								125
130	51.1	398.2	28,600	53,900 *	58.5	406.4	20,100	67,500 *								130
135	48.4	393.9	27,000	50,300 *	56.0	403.1	18,800	62,300 *								135
140	45.6	389.1	25,400	47,000 *	53.5	399.5	17,600	57,700 *								140
145	42.6	383.8	24,000	44,100 *	50.9	395.6	16,500	53,700 *	62.7	406.2	5,400	66,500				145
150	39.5	378.0	22,600	41,400 *	48.2	391.2	15,500	50,000 *	60.4	403.4	4,800	63,800				150
155	36.1	371.4	21,400	39,000 *	45.4	386.5	14,500	46,800 *	58.0	400.3	4,200	61,200				155
160	32.4	363.9	20,200	36,800 *	42.4	381.2	13,600	43,900 *	55.5	397.0	3,600	58,800				160
165	28.3	355.2	19,100	34,800 *	39.2	375.3	12,800	41,300 *	53.0	393.3	3,100	56,600				165
170	23.5	344.7	18,000	32,900 *	35.8	368.6	12,000	38,800 *	50.4	389.3	2,600	52,900 *				170
175	17.5	330.9	16,900	31,100 *	32.1	361.0	11,200	36,600 *	47.7	384.9	2,200	49,400 *				175
180	7.8	307.7	15,900	28,800 *	27.9	352.2	10,400	34,600 *	44.8	380.0	1,700	46,200 *	57.3	391.8	44,200	180
190					17.0	327.4	9,000	31,000 *	38.6	368.6	900	40,800 *	52.2	384.6	41,200	190
200									31.3	354.0	100	36,300 *	46.8	375.9	38,400	200
210									22.0	333.6		32,400 *	40.8	365.3	36,000	210
220													34.0	351.9	33,800	220
230													25.6	334.1	31,700	230
240													12.8	304.5	29,800	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	69.4	430.0	45,100	76,900 *												95
100	67.4	428.0	41,900	75,500 *												100
105	65.3	425.7	39,000	73,700 *												105
110	63.2	423.2	36,300	71,800 *												110
115	61.0	420.5	34,000	68,500 *	67.2	425.5	23,900	76,000 *								115
120	58.8	417.6	31,800	63,200 *	65.1	423.3	22,300	74,700 *								120
125	56.5	414.3	29,900	58,500 *	63.0	420.8	20,800	73,500 *								125
130	54.2	410.8	28,000	54,400 *	60.8	418.1	19,400	68,100 *								130
135	51.7	407.0	26,400	50,700 *	58.6	415.1	18,200	62,800 *								135
140	49.3	402.8	24,800	47,400 *	56.3	411.8	17,000	58,200 *								140
145	46.7	398.2	23,400	44,400 *	54.0	408.3	15,900	54,100 *								145
150	44.0	393.2	22,100	41,700 *	51.6	404.4	14,900	50,400 *	62.6	414.8	4,100	63,200				150
155	41.1	387.6	20,800	39,300 *	49.1	400.2	13,900	47,200 *	60.4	412.0	3,500	60,700				155
160	38.1	381.5	19,600	37,000 *	46.5	395.6	13,000	44,200 *	58.1	409.0	2,900	58,300				160
165	34.8	374.6	18,500	34,900 *	43.7	390.5	12,200	41,500 *	55.9	405.7	2,400	56,100				165
170	31.3	366.7	17,500	33,000 *	40.9	384.9	11,400	39,100 *	53.5	402.1	1,900	53,400 *				170
175	27.3	357.6	16,500	31,300 *	37.8	378.7	10,600	36,900 *	51.1	398.2	1,500	49,800 *				175
180	22.7	346.7	15,600	29,700 *	34.5	371.7	9,900	34,800 *	48.5	393.9	1,000	46,600 *				180
190	7.5	308.3	13,700	24,800 *	27.0	354.6	8,500	31,200 *	43.2	384.0	200	41,000 *	55.1	397.1	40,600	190
200					16.4	328.8	7,300	28,000 *	37.2	371.9		36,500 *	50.3	389.4	37,900	200
210									30.2	356.7		32,600 *	45.1	380.1	35,500	210
220									21.3	335.5		29,300 *	39.3	368.9	33,300	220
230													32.8	354.9	31,300	230
240													24.7	336.3	29,400	240
250													12.3	305.5	27,300 *	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	70.8	440.6	44,400	71,200 *												95
100	68.9	438.8	41,200	70,100 *												100
105	66.9	436.7	38,300	68,800 *												105
110	65.0	434.4	35,700	67,300 *												110
115	63.0	431.9	33,300	65,400 *												115
120	60.9	429.2	31,200	62,700 *	66.8	434.3	21,500	69,400 *								120
125	58.8	426.2	29,200	58,000 *	64.8	432.0	20,000	68,300 *								125
130	56.7	423.0	27,400	53,800 *	62.8	429.5	18,700	67,100 *								130
135	54.5	419.6	25,700	50,200 *	60.8	426.7	17,400	62,300 *								135
140	52.3	415.8	24,200	46,900 *	58.7	423.7	16,200	57,700 *								140
145	50.0	411.7	22,800	43,900 *	56.5	420.5	15,200	53,600 *								145
150	47.6	407.2	21,400	41,200 *	54.4	417.0	14,100	49,900 *								150
155	45.1	402.4	20,200	38,700 *	52.1	413.2	13,200	46,600 *	62.4	423.5	2,600	60,000				155
160	42.5	397.1	19,000	36,500 *	49.8	409.1	12,300	43,700 *	60.4	420.7	2,100	57,600				160
165	39.7	391.3	18,000	34,400 *	47.4	404.6	11,500	41,000 *	58.3	417.7	1,600	55,400				165
170	36.8	384.8	16,900	32,500 *	44.9	399.7	10,700	38,600 *	56.1	414.4	1,100	52,800 *				170
175	33.7	377.6	16,000	30,800 *	42.3	394.4	9,900	36,300 *	53.9	410.8	700	49,300 *				175
180	30.2	369.4	15,000	29,100 *	39.5	388.5	9,200	34,300 *	51.7	407.0	200	46,000 *				180
190	22.0	348.6	13,300	26,200 *	33.4	374.7	7,900	30,600 *	46.9	398.2		40,500 *	57.6	409.2	39,900	190
200	7.3	308.9	11,600	21,900 *	26.1	356.9	6,700	27,500 *	41.7	387.8		35,900 *	53.2	402.2	37,200	200
210					15.8	330.2	5,600	24,800 *	36.0	375.2		32,100 *	48.6	393.9	34,800	210
220									29.2	359.3		28,700 *	43.6	384.1	32,600	220
230									20.6	337.3		25,900 *	38.0	372.3	30,700	230
240													31.7	357.7	28,800	240
250													23.9	338.4	26,800 *	250
260													11.9	306.6	24,200 *	260



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 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 135,000 Lb. Hanging Counterweight
 360 Degree Rating

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

MAX-ER 225
On 2250 or M-250

280 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	70.2	449.5	40,800	64,300 *												100
105	68.4	447.5	37,900	63,300 *												105
110	66.5	445.4	35,300	62,100 *												110
115	64.7	443.1	33,000	60,600 *												115
120	62.8	440.6	30,800	59,000 *												120
125	60.9	437.9	28,900	57,200 *	66.4	443.0	19,600	63,700 *								125
130	58.9	434.9	27,100	53,600 *	64.5	440.7	18,300	62,700 *								130
135	56.9	431.7	25,400	49,900 *	62.6	438.1	17,000	61,400 *								135
140	54.9	428.3	23,900	46,600 *	60.7	435.4	15,900	57,400 *								140
145	52.8	424.6	22,500	43,600 *	58.8	432.4	14,800	53,300 *								145
150	50.6	420.5	21,100	40,900 *	56.8	429.2	13,800	49,600 *								150
155	48.4	416.2	19,900	38,400 *	54.7	425.7	12,900	46,300 *								155
160	46.1	411.5	18,700	36,200 *	52.6	422.0	12,000	43,400 *	62.3	432.2	1,700	57,400				160
165	43.7	406.4	17,700	34,100 *	50.4	418.0	11,100	40,700 *	60.3	429.4	1,200	55,100				165
170	41.1	400.9	16,600	32,200 *	48.2	413.6	10,400	38,300 *	58.4	426.4	800	52,500 *				170
175	38.5	394.8	15,700	30,500 *	45.9	408.9	9,600	36,000 *	56.4	423.1	300	49,000 *				175
180	35.7	388.0	14,800	28,800 *	43.5	403.7	8,900	34,000 *	54.3	419.6		45,700 *				180
190	29.3	372.1	13,100	25,900 *	38.3	392.0	7,600	30,300 *	50.0	411.7		40,200 *				190
200	21.3	350.5	11,500	23,400 *	32.4	377.7	6,500	27,200 *	45.4	402.5		35,600 *	55.7	414.5	37,000	200
210	7.0	309.5	10,000	19,500 *	25.3	359.1	5,400	24,500 *	40.4	391.5		31,800 *	51.5	407.0	34,600	210
220					15.3	331.5	4,300	22,100 *	34.8	378.4		28,400 *	47.0	398.3	32,400	220
230									28.3	361.8		25,600 *	42.2	388.0	30,400	230
240									19.9	339.0		23,100 *	36.8	375.7	28,600	240
250													30.7	360.5	26,500 *	250
260													23.2	340.4	23,900 *	260
270													11.6	307.5	21,600 *	270