



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
55,000 Lb. Hanging Counterweight
360 Degree Rating

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

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MAX-ER 225
On 2250 or M-250

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 55,000 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
 55,000 Lb. Hanging Counterweight
 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	57,200 b	174,800 * b													55
60	60.2	211.1	50,800 b	148,200 * b	67.0	213.8	42,700 b	180,000 * b									60
65	55.3	207.8	45,600 b	128,400 * b	62.4	211.3	38,300 b	159,700 * b									65
70	50.0	203.9	41,100	113,000 *	57.6	208.3	34,600 b	137,100 * b									70
75	44.4	199.1	37,300	100,700 *	52.6	204.6	31,400	119,800 *									75
80	38.0	193.1	34,000	90,700 *	47.1	200.3	28,600	106,200 *	59.6	206.8	21,200 b	132,100 b					80
85	30.5	185.5	31,000	82,300 *	41.1	194.9	26,200	95,200 *	54.7	203.4	19,300	122,700					85
90	20.7	174.5	28,300	75,200 *	34.2	188.2	24,000	86,100 *	49.4	199.4	17,500	111,600 *					90
95					25.8	179.2	22,000	78,400 *	43.7	194.5	16,000	99,500 *	56.5	200.9	9,900 b	102,300 b	95
100					12.6	163.9	20,000	71,900 *	37.3	188.4	14,600	89,700 *	51.4	197.1	8,900	96,100	100
105									29.6	180.5	13,300	81,500 *	45.8	192.5	7,900	90,500	105
110									19.3	169.0	12,000	74,500 *	39.7	186.9	7,000	85,600	110
115													32.6	179.8	6,200	81,000	115
120													23.5	170.0	5,400	76,900	120
125													6.5	149.8	4,400	70,600 *	125



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
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 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 55,000 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	56,800 b	173,200 * b													55
60	64.2	222.5	50,400 b	149,100 * b													60
65	60.1	219.8	45,100	129,100 *	66.1	222.5	37,600 b	160,800 * b									65
70	55.9	216.5	40,700	113,500 *	62.1	220.0	34,000 b	137,900 * b									70
75	51.4	212.7	36,900	101,200 *	57.9	217.0	30,800	120,400 *									75
80	46.6	208.2	33,600	91,000 *	53.5	213.4	28,100	106,700 *									80
85	41.3	202.9	30,700	82,600 *	48.9	209.3	25,600	95,600 *	59.7	215.5	18,500	122,100					85
90	35.4	196.3	28,100	75,500 *	43.8	204.3	23,500	86,400 *	55.4	212.2	16,800	112,100 *					90
95	28.5	188.0	25,800	69,300 *	38.3	198.4	21,600	78,700 *	50.9	208.3	15,300	100,000 *					95
100	19.3	176.2	23,600	64,000 *	31.9	191.1	19,800	72,100 *	46.0	203.7	13,900	90,100 *	57.0	209.6	8,100	95,500	100
105					24.0	181.3	18,200	66,500 *	40.7	198.2	12,700	81,800 *	52.5	205.9	7,200	90,000	105
110					11.7	164.9	16,500	61,500 *	34.7	191.6	11,500	74,800 *	47.8	201.6	6,300	85,000	110
115									27.6	183.0	10,400	68,800 *	42.7	196.5	5,500	80,500	115
120									18.0	170.5	9,400	63,500 *	37.0	190.3	4,800	76,400	120
125													30.3	182.5	4,100	70,900 *	125
130													21.9	171.9	3,400	65,400 *	130
135													6.0	150.3	2,500	60,500 *	135



Liftcrane Luffing Jib Capacities

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 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
 55,000 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	56,300 b	161,100 *b													55
60	67.3	233.6	50,000 b	149,800 *b													60
65	63.8	231.2	44,700	129,600 *													65
70	60.1	228.4	40,300	114,000 *	65.4	231.2	33,400 b	138,500 *b									70
75	56.4	225.2	36,500	101,500 *	61.9	228.6	30,300	120,900 *									75
80	52.4	221.5	33,200	91,300 *	58.2	225.6	27,600	107,100 *									80
85	48.2	217.3	30,400	82,800 *	54.3	222.2	25,200	95,900 *									85
90	43.7	212.3	27,800	75,600 *	50.2	218.2	23,100	86,600 *	59.7	224.1	16,300	112,500 *					90
95	38.8	206.4	25,600	69,500 *	45.9	213.6	21,200	78,900 *	55.9	220.9	14,800	100,300 *					95
100	33.3	199.3	23,600	64,100 *	41.2	208.1	19,500	72,300 *	51.9	217.1	13,400	90,400 *					100
105	26.8	190.4	21,700	59,500 *	36.0	201.7	17,900	66,600 *	47.7	212.8	12,200	82,000 *	57.3	218.3	6,600	89,500	105
110	18.1	177.8	19,900	55,300 *	30.0	193.7	16,500	61,600 *	43.2	207.7	11,100	75,000 *	53.4	214.7	5,700	84,600	110
115					22.6	183.2	15,100	57,200 *	38.2	201.7	10,100	68,900 *	49.3	210.6	5,000	80,100	115
120					11.0	165.8	13,700	53,300 *	32.6	194.5	9,100	63,700 *	44.9	205.8	4,300	76,000	120
125									25.9	185.3	8,200	59,000 *	40.1	200.2	3,600	71,000 *	125
130									16.9	172.0	7,300	55,000 *	34.7	193.4	3,000	65,500 *	130
135													28.5	185.0	2,400	60,700 *	135
140													20.6	173.7	1,800	56,400 *	140
145													5.6	150.7	1,100	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
 55,000 Lb. Hanging Counterweight
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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	49,500 b	141,100 *b													60
65	66.6	242.3	44,200	130,700 *													65
70	63.4	239.9	39,800	114,800 *													70
75	60.1	237.1	36,000	102,100 *	64.9	239.9	29,600	121,800 *									75
80	56.7	233.9	32,700	91,700 *	61.7	237.3	26,900	107,700 *									80
85	53.2	230.3	29,900	83,100 *	58.3	234.3	24,500	96,400 *									85
90	49.5	226.2	27,400	75,800 *	54.9	230.9	22,400	87,000 *									90
95	45.6	221.5	25,100	69,600 *	51.3	227.0	20,600	79,100 *	59.7	232.8	14,000	100,900 *					95
100	41.3	216.1	23,100	64,200 *	47.4	222.6	18,900	72,400 *	56.3	229.6	12,700	90,700 *					100
105	36.7	209.8	21,300	59,500 *	43.4	217.6	17,300	66,700 *	52.8	225.9	11,500	82,300 *					105
110	31.5	202.2	19,600	55,300 *	38.9	211.7	15,900	61,600 *	49.1	221.8	10,400	75,100 *	57.6	226.9	4,900	83,900	110
115	25.3	192.6	18,100	51,600 *	34.0	204.8	14,600	57,200 *	45.1	217.0	9,400	69,000 *	54.1	223.5	4,200	79,500	115
120	17.1	179.2	16,600	48,300 *	28.4	196.3	13,400	53,300 *	40.8	211.5	8,500	63,700 *	50.4	219.5	3,500	75,500	120
125					21.4	185.1	12,300	49,800 *	36.2	205.0	7,600	59,000 *	46.6	214.9	2,900	71,200 *	125
130					10.4	166.6	11,100	46,600 *	30.9	197.3	6,800	54,900 *	42.4	209.7	2,300	65,600 *	130
135									24.5	187.4	6,000	51,300 *	37.9	203.6	1,700	60,700 *	135
140									16.0	173.3	5,200	48,000 *	32.9	196.4	1,200	56,400 *	140
145													27.0	187.4	700	52,600 *	145
150													19.5	175.4	200	49,200 *	150
155													5.2	151.1		46,000 *	155



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
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 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 55,000 Lb. Hanging Counterweight
 360 Degree Rating

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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	43,600	130,300 *													65
70	66.0	251.0	39,200	117,400 *													70
75	63.1	248.5	35,400	104,300 *	67.3	250.9	29,000	124,600 *									75
80	60.1	245.8	32,200	93,700 *	64.5	248.6	26,300	110,200 *									80
85	57.0	242.6	29,300	84,900 *	61.5	245.9	23,900	98,500 *									85
90	53.8	239.1	26,800	77,500 *	58.5	243.0	21,800	88,900 *									90
95	50.5	235.1	24,600	71,100 *	55.4	239.6	20,000	80,800 *	62.8	244.3	13,300	103,100 *					95
100	47.0	230.6	22,600	65,600 *	52.1	235.9	18,300	74,000 *	59.8	241.5	12,000	92,700 *					100
105	43.3	225.5	20,800	60,700 *	48.7	231.6	16,800	68,100 *	56.7	238.3	10,900	84,100 *					105
110	39.3	219.7	19,200	56,500 *	45.1	226.8	15,400	63,000 *	53.5	234.7	9,800	76,800 *					110
115	34.9	212.9	17,700	52,700 *	41.2	221.4	14,100	58,500 *	50.1	230.7	8,800	70,500 *	57.8	235.6	3,500	79,000	115
120	30.0	204.8	16,300	49,300 *	37.0	215.1	13,000	54,500 *	46.6	226.1	7,900	65,100 *	54.6	232.2	2,800	75,000	120
125	24.1	194.8	15,000	46,300 *	32.4	207.7	11,900	50,900 *	42.9	221.0	7,000	60,300 *	51.4	228.3	2,200	71,300	125
130	16.3	180.7	13,800	43,500 *	27.0	198.7	10,900	47,700 *	38.8	215.0	6,300	56,100 *	47.9	224.0	1,700	67,000 *	130
135					20.3	186.9	9,900	44,800 *	34.4	208.1	5,500	52,400 *	44.2	219.0	1,100	62,000 *	135
140					9.9	167.5	8,900	41,700 *	29.4	199.9	4,800	49,000 *	40.3	213.4	600	57,600 *	140
145									23.4	189.5	4,200	46,000 *	36.0	206.9	100	53,700 *	145
150									15.2	174.6	3,500	43,300 *	31.3	199.2		50,200 *	150
155													25.7	189.7		47,100 *	155
160													18.5	177.0		44,200 *	160
165													5.0	151.5		41,600 *	165



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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	43,100	121,900 *													65
70	68.1	261.9	38,600	117,100 *													70
75	65.5	259.7	34,900	104,000 *													75
80	62.8	257.2	31,600	93,400 *	66.7	259.6	25,600	109,900 *									80
85	60.1	254.4	28,800	84,600 *	64.1	257.2	23,300	98,200 *									85
90	57.3	251.3	26,300	77,100 *	61.4	254.6	21,200	88,600 *									90
95	54.4	247.8	24,100	70,700 *	58.6	251.6	19,300	80,500 *									95
100	51.4	244.0	22,100	65,200 *	55.8	248.3	17,700	73,600 *	62.5	252.9	11,300	92,400 *					100
105	48.2	239.6	20,300	60,300 *	52.8	244.7	16,200	67,700 *	59.8	250.1	10,100	83,700 *					105
110	44.9	234.8	18,700	56,100 *	49.7	240.6	14,800	62,600 *	57.0	247.0	9,100	76,400 *					110
115	41.3	229.3	17,200	52,300 *	46.5	236.0	13,600	58,000 *	54.0	243.4	8,100	70,100 *					115
120	37.5	223.1	15,900	48,900 *	43.0	230.8	12,400	54,000 *	51.0	239.5	7,200	64,700 *	58.0	244.3	2,100	74,400	120
125	33.4	215.9	14,600	45,900 *	39.4	225.0	11,400	50,500 *	47.8	235.2	6,400	59,900 *	55.1	240.9	1,500	70,700	125
130	28.6	207.4	13,500	43,100 *	35.4	218.3	10,400	47,300 *	44.5	230.2	5,600	55,700 *	52.1	237.1	900	66,600 *	130
135	23.0	196.8	12,400	40,600 *	30.9	210.4	9,500	44,400 *	40.9	224.7	4,900	51,900 *	49.0	232.9	400	61,600 *	135
140	15.6	182.0	11,300	38,300 *	25.8	200.9	8,600	41,800 *	37.1	218.4	4,200	48,600 *	45.7	228.2		57,200 *	140
145					19.4	188.6	7,700	39,400 *	32.9	211.1	3,600	45,600 *	42.2	222.9		53,300 *	145
150					9.4	168.3	6,900	36,800 *	28.1	202.4	3,000	42,900 *	38.5	216.9		49,800 *	150
155									22.3	191.4	2,400	40,400 *	34.4	210.0		46,700 *	155
160									14.5	175.9	1,800	38,100 *	29.9	201.9		43,800 *	160
165													24.5	191.9		41,300 *	165
170													17.7	178.5		38,900 *	170
175													4.7	151.8		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
 55,000 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, 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	38,400	109,000 *													70
75	67.5	270.6	34,600	105,000 *													75
80	65.1	268.4	31,300	94,100 *													80
85	62.6	265.9	28,500	85,100 *	66.2	268.3	22,900	99,000 *									85
90	60.1	263.1	26,000	77,500 *	63.8	265.9	20,900	89,200 *									90
95	57.5	260.0	23,800	71,100 *	61.3	263.3	19,000	81,000 *									95
100	54.8	256.5	21,900	65,400 *	58.7	260.3	17,400	74,000 *									100
105	52.1	252.8	20,100	60,600 *	56.1	257.0	15,900	68,000 *	62.3	261.6	9,800	84,300 *					105
110	49.2	248.6	18,500	56,200 *	53.4	253.4	14,500	62,800 *	59.8	258.8	8,800	76,800 *					110
115	46.2	243.9	17,000	52,400 *	50.6	249.4	13,300	58,200 *	57.2	255.6	7,800	70,500 *					115
120	43.0	238.8	15,700	49,000 *	47.6	245.0	12,200	54,200 *	54.5	252.2	6,900	64,900 *					120
125	39.6	233.0	14,500	45,900 *	44.5	240.1	11,100	50,600 *	51.7	248.4	6,100	60,100 *					125
130	36.0	226.4	13,300	43,100 *	41.3	234.6	10,200	47,300 *	48.9	244.1	5,400	55,800 *					130
135	32.0	218.8	12,300	40,600 *	37.7	228.4	9,300	44,400 *	45.8	239.4	4,700	52,100 *	55.5	249.6	600	66,900 *	135
140	27.5	209.8	11,300	38,300 *	33.9	221.3	8,400	41,800 *	42.6	234.2	4,000	48,700 *	52.8	245.9	100	61,800 *	140
145	22.1	198.7	10,300	36,200 *	29.7	213.1	7,600	39,400 *	49.9	241.8		45,600 *	46.9	237.3		57,400 *	145
150	14.9	183.3	9,400	34,200 *	24.8	203.1	6,900	37,200 *	43.8	232.3		42,900 *	43.8	232.3		53,400 *	150
155					18.6	190.2	6,100	35,100 *	40.5	226.7		40,400 *	40.5	226.7		49,900 *	155
160					9.0	169.0	5,400	32,900 *	36.9	220.3		38,100 *	36.9	220.3		46,700 *	160
165									26.9	204.8		36,000 *	33.0	213.0		43,900 *	165
170									21.4	193.3		34,000 *	33.0	213.0		41,300 *	165
170									13.9	177.1		700	28.7	204.4		38,900 *	170
175													23.5	194.0		36,700 *	175
180													17.0	180.0		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
 55,000 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	Luffing Jib Capacity Pounds	
75	69.2	281.4	34,000	98,600 *												75
80	67.0	279.4	30,800	93,700 *												80
85	64.7	277.1	28,000	84,700 *												85
90	62.4	274.5	25,500	77,100 *	65.8	277.0	20,200	88,800 *								90
95	60.1	271.7	23,300	70,600 *	63.5	274.6	18,400	80,600 *								95
100	57.7	268.6	21,300	65,000 *	61.2	271.9	16,700	73,600 *								100
105	55.2	265.3	19,500	60,100 *	58.8	269.0	15,300	67,600 *								105
110	52.7	261.6	17,900	55,800 *	56.4	265.7	13,900	62,400 *	62.2	270.3	8,000	76,400 *				110
115	50.0	257.5	16,500	52,000 *	53.9	262.2	12,700	57,800 *	59.8	267.4	7,100	70,000 *				115
120	47.3	253.0	15,200	48,500 *	51.3	258.3	11,600	53,700 *	57.4	264.3	6,200	64,500 *				120
125	44.4	248.0	13,900	45,500 *	48.6	254.0	10,600	50,100 *	54.9	260.9	5,400	59,700 *				125
130	41.4	242.6	12,800	42,700 *	45.8	249.3	9,600	46,900 *	52.4	257.2	4,700	55,400 *				130
135	38.1	236.4	11,800	40,100 *	42.8	244.0	8,700	44,000 *	49.7	253.0	4,000	51,600 *	55.8	258.3	61,400 *	135
140	34.6	229.5	10,800	37,800 *	39.7	238.2	7,900	41,300 *	47.0	248.5	3,400	48,200 *	53.3	254.7	56,900 *	140
145	30.8	221.6	9,900	35,700 *	36.3	231.7	7,100	38,900 *	44.1	243.5	2,800	45,200 *	50.7	250.7	52,900 *	145
150	26.4	212.2	9,000	33,800 *	32.6	224.3	6,400	36,700 *	41.0	237.9	2,200	42,400 *	48.0	246.3	49,400 *	150
155	21.3	200.6	8,200	31,900 *	28.6	215.6	5,700	34,700 *	37.7	231.7	1,700	39,900 *	45.1	241.5	46,300 *	155
160	14.4	184.5	7,400	30,300 *	23.8	205.2	5,000	32,800 *	34.2	224.7	1,200	37,600 *	42.1	236.2	43,400 *	160
165					17.9	191.8	4,400	31,100 *	30.3	216.6	700	35,500 *	38.9	230.2	40,800 *	165
170					8.7	169.7	3,700	29,200 *	25.9	207.1	200	33,600 *	35.5	223.5	38,500 *	170
175									20.6	195.1		31,800 *	31.8	215.8	36,300 *	175
180									13.4	178.2		30,100 *	27.6	206.9	34,300 *	180
190													16.4	181.4	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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
75	70.6	292.1	33,500	94,900 *												75
80	68.6	290.2	30,200	91,900 *												80
85	66.5	288.1	27,400	85,600 *												85
90	64.4	285.8	24,900	77,900 *	67.5	288.0	19,600	89,700 *								90
95	62.3	283.2	22,700	71,300 *	65.4	285.7	17,800	81,400 *								95
100	60.1	280.4	20,700	65,600 *	63.3	283.3	16,100	74,300 *								100
105	57.8	277.3	19,000	60,600 *	61.1	280.6	14,700	68,200 *								105
110	55.5	274.0	17,400	56,200 *	58.9	277.6	13,300	62,900 *								110
115	53.2	270.3	15,900	52,400 *	56.6	274.4	12,100	58,300 *	62.0	278.9	6,400	70,700 *				115
120	50.7	266.3	14,600	48,900 *	54.3	270.9	11,000	54,200 *	59.8	276.1	5,600	65,100 *				120
125	48.2	262.0	13,400	45,800 *	51.9	267.1	10,000	50,500 *	57.6	273.0	4,800	60,200 *				125
130	45.6	257.2	12,300	43,000 *	49.4	262.9	9,000	47,200 *	55.3	269.6	4,100	55,800 *				130
135	42.8	252.0	11,300	40,400 *	46.8	258.4	8,200	44,300 *	52.9	265.9	3,400	52,000 *				135
140	39.9	246.2	10,300	38,100 *	44.1	253.4	7,300	41,600 *	50.5	261.9	2,800	48,600 *	56.1	267.0	57,400 *	140
145	36.8	239.8	9,400	35,900 *	41.3	247.8	6,600	39,100 *	47.9	257.5	2,200	45,500 *	53.8	263.5	53,400 *	145
150	33.4	232.5	8,600	33,900 *	38.3	241.7	5,900	36,900 *	45.3	252.7	1,600	42,700 *	51.3	259.6	49,800 *	150
155	29.7	224.2	7,800	32,100 *	35.0	234.9	5,200	34,900 *	42.5	247.4	1,100	40,200 *	48.8	255.3	46,600 *	155
160	25.5	214.4	7,000	30,400 *	31.5	227.1	4,600	33,000 *	39.5	241.6	600	37,800 *	46.2	250.6	43,700 *	160
165	20.5	202.4	6,300	28,900 *	27.5	218.1	3,900	31,200 *	36.4	235.0	100	35,700 *	43.5	245.5	41,100 *	165
170	13.9	185.7	5,600	26,600 *	23.0	207.3	3,400	29,600 *	33.0	227.7		33,800 *	40.6	239.9	38,700 *	170
175					17.3	193.3	2,800	28,100 *	29.3	219.2		32,000 *	37.6	233.6	36,500 *	175
180					8.4	170.4	2,200	25,100 *	25.0	209.3		30,300 *	34.3	226.6	34,500 *	180
190									12.9	179.3		27,300 *	26.6	209.2	30,900 *	190
200													15.8	182.8	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
 55,000 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	Luffing Jib Capacity Pounds	
80	70.0	300.9	29,700	84,900 *												80
85	68.1	299.0	26,800	82,200 *												85
90	66.1	296.8	24,300	78,200 *												90
95	64.1	294.4	22,100	71,500 *	67.0	296.7	17,100	80,700 *								95
100	62.1	291.9	20,200	65,700 *	65.1	294.4	15,500	74,600 *								100
105	60.1	289.1	18,400	60,700 *	63.1	291.9	14,000	68,400 *								105
110	58.0	286.0	16,800	56,200 *	61.0	289.2	12,700	63,000 *								110
115	55.8	282.7	15,400	52,300 *	59.0	286.3	11,500	58,300 *								115
120	53.6	279.1	14,100	48,700 *	56.8	283.1	10,400	54,100 *	61.9	287.6	4,900	65,200 *				120
125	51.3	275.2	12,900	45,600 *	54.7	279.6	9,400	50,400 *	59.8	284.8	4,100	60,200 *				125
130	49.0	270.9	11,700	42,700 *	52.4	275.9	8,400	47,000 *	57.7	281.7	3,400	55,800 *				130
135	46.6	266.3	10,700	40,100 *	50.1	271.8	7,600	44,000 *	55.6	278.3	2,700	51,900 *				135
140	44.0	261.3	9,800	37,800 *	47.7	267.4	6,800	41,300 *	53.4	274.7	2,100	48,400 *				140
145	41.4	255.8	8,900	35,600 *	45.2	262.6	6,000	38,900 *	51.1	270.8	1,500	45,300 *	56.4	275.7	53,300 *	145
150	38.5	249.7	8,100	33,600 *	42.6	257.3	5,300	36,600 *	48.7	266.5	1,000	42,500 *	54.2	272.2	49,700 *	150
155	35.5	243.0	7,300	31,800 *	39.9	251.5	4,600	34,500 *	46.3	261.8	500	39,900 *	51.9	268.4	46,400 *	155
160	32.3	235.4	6,500	30,100 *	37.0	245.1	4,000	32,600 *	43.7	256.7		37,500 *	49.6	264.2	43,500 *	160
165	28.7	226.8	5,800	28,500 *	33.9	237.9	3,400	30,900 *	41.1	251.2		35,400 *	47.2	259.7	40,800 *	165
170	24.7	216.6	5,200	27,000 *	30.4	229.8	2,800	29,200 *	38.2	245.0		33,400 *	44.7	254.8	38,400 *	170
175	19.8	204.1	4,500	25,600 *	26.6	220.5	2,300	27,700 *	35.2	238.2		31,600 *	42.0	249.4	36,200 *	175
180	13.4	186.8	3,900	23,600 *	22.2	209.2	1,800	26,300 *	31.9	230.5		29,900 *	39.3	243.5	34,100 *	180
190					8.1	171.1	700	22,300 *	24.2	211.4		26,900 *	33.1	229.6	30,500 *	190
200									12.5	180.4		24,200 *	25.7	211.5	27,400 *	200
210													15.3	184.1	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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
85	69.4	309.7	26,500	77,600 *												85
90	67.6	307.7	24,000	75,000 *												90
95	65.8	305.5	21,800	71,200 *												95
100	63.9	303.1	19,800	65,400 *	66.6	305.4	15,100	73,200 *								100
105	62.0	300.5	18,100	60,400 *	64.8	303.1	13,700	68,100 *								105
110	60.1	297.7	16,500	55,900 *	62.9	300.6	12,300	62,700 *								110
115	58.1	294.7	15,100	52,000 *	61.0	297.9	11,100	58,000 *								115
120	56.1	291.4	13,700	48,400 *	59.0	295.0	10,000	53,800 *								120
125	54.0	287.8	12,500	45,300 *	57.0	291.8	9,000	50,100 *	61.8	296.3	3,700	59,900 *				125
130	51.9	284.0	11,400	42,400 *	55.0	288.4	8,100	46,700 *	59.9	293.4	3,000	55,500 *				130
135	49.7	279.8	10,400	39,800 *	52.9	284.7	7,200	43,800 *	57.9	290.3	2,400	51,600 *				135
140	47.4	275.4	9,500	37,500 *	50.7	280.7	6,400	41,000 *	55.9	287.0	1,700	48,100 *				140
145	45.1	270.5	8,600	35,300 *	48.5	276.3	5,700	38,600 *	53.8	283.4	1,200	45,000 *				145
150	42.6	265.2	7,800	33,300 *	46.2	271.7	5,000	36,300 *	51.6	279.6	600	42,200 *	56.6	284.4	49,400 *	150
155	40.1	259.5	7,000	31,500 *	43.8	266.6	4,300	34,200 *	49.5	275.4	100	39,600 *	54.5	280.9	46,100 *	155
160	37.3	253.1	6,300	29,800 *	41.3	261.1	3,700	32,300 *	47.2	270.9		37,200 *	52.4	277.2	43,200 *	160
165	34.4	246.1	5,600	28,200 *	38.6	255.0	3,100	30,600 *	44.8	266.0		35,100 *	50.2	273.1	40,500 *	165
170	31.3	238.2	4,900	26,700 *	35.8	248.3	2,600	28,900 *	42.4	260.6		33,100 *	48.0	268.7	38,100 *	170
175	27.8	229.2	4,300	25,300 *	32.8	240.9	2,100	27,400 *	39.8	254.8		31,300 *	45.7	263.9	35,900 *	175
180	23.9	218.7	3,700	24,100 *	29.5	232.5	1,600	26,000 *	37.0	248.4		29,600 *	43.3	258.8	33,800 *	180
190	13.0	188.0	2,600	21,000 *	21.6	211.1	600	23,400 *	30.9	233.3		26,600 *	38.0	246.9	30,200 *	190
200					7.8	171.8		19,900 *	23.4	213.5		24,000 *	32.1	232.5	27,100 *	200
210									12.1	181.4		21,600 *	24.9	213.7	24,400 *	210
220													14.8	185.4	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
 55,000 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	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	70.6	320.4	25,900	72,800 *												85
90	68.9	318.5	23,400	69,900 *												90
95	67.2	316.5	21,200	67,000 *												95
100	65.5	314.2	19,300	64,200 *												100
105	63.7	311.8	17,500	59,800 *	66.3	314.1	13,000	65,300 *								105
110	61.9	309.2	15,900	55,400 *	64.5	311.8	11,700	62,200 *								110
115	60.1	306.4	14,500	51,400 *	62.7	309.3	10,500	57,400 *								115
120	58.2	303.3	13,200	47,900 *	60.9	306.6	9,400	53,300 *								120
125	56.3	300.1	12,000	44,700 *	59.1	303.6	8,400	49,500 *								125
130	54.4	296.6	10,900	41,900 *	57.2	300.5	7,500	46,200 *	61.7	304.9	2,300	55,000 *				130
135	52.4	292.8	9,900	39,300 *	55.3	297.1	6,600	43,200 *	59.9	302.1	1,700	51,100 *				135
140	50.3	288.7	8,900	36,900 *	53.3	293.4	5,800	40,500 *	58.0	299.0	1,100	47,600 *				140
145	48.2	284.4	8,000	34,800 *	51.3	289.5	5,100	38,000 *	56.1	295.7	500	44,500 *				145
150	46.0	279.6	7,200	32,800 *	49.2	285.3	4,400	35,800 *	54.1	292.2		41,600 *				150
155	43.7	274.5	6,500	30,900 *	47.1	280.7	3,700	33,700 *	52.1	288.4		39,100 *	56.8	293.1	45,600 *	155
160	41.4	269.0	5,700	29,200 *	44.8	275.8	3,100	31,800 *	50.1	284.3		36,700 *	54.8	289.6	42,600 *	160
165	38.9	263.0	5,100	27,700 *	42.5	270.5	2,600	30,000 *	48.0	279.9		34,600 *	52.9	285.9	40,000 *	165
170	36.2	256.4	4,400	26,200 *	40.1	264.7	2,000	28,400 *	45.8	275.1		32,600 *	50.8	281.9	37,600 *	170
175	33.4	249.1	3,800	24,800 *	37.5	258.4	1,500	26,900 *	43.5	270.0		30,800 *	48.7	277.7	35,300 *	175
180	30.4	240.9	3,300	23,500 *	34.8	251.5	1,000	25,500 *	41.1	264.4		29,100 *	46.6	273.0	33,300 *	180
190	23.2	220.8	2,200	21,200 *	28.6	235.0	100	22,900 *	35.9	251.7		26,100 *	42.0	262.6	29,700 *	190
200	12.6	189.0	1,100	18,500 *	20.9	212.9		20,600 *	30.0	236.0		23,400 *	36.9	250.3	26,600 *	200
210					7.6	172.4		17,500 *	22.7	215.5		21,100 *	31.2	235.3	23,900 *	210
220									11.7	182.4		19,000 *	24.2	215.9	21,500 *	220
230													14.4	186.6	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
 55,000 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	83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
90	70.1	329.2	22,900	65,400 *												90
95	68.5	327.3	20,700	62,700 *												95
100	66.8	325.2	18,700	60,100 *												100
105	65.2	322.9	17,000	57,400 *	67.6	325.0	12,500	61,100 *								105
110	63.5	320.5	15,400	54,800 *	66.0	322.9	11,200	58,600 *								110
115	61.8	317.9	14,000	50,900 *	64.3	320.5	10,000	56,000 *								115
120	60.1	315.0	12,700	47,400 *	62.6	317.9	8,900	52,800 *								120
125	58.3	312.0	11,500	44,300 *	60.9	315.2	7,900	49,100 *								125
130	56.5	308.8	10,400	41,400 *	59.1	312.3	6,900	45,700 *								130
135	54.7	305.3	9,300	38,800 *	57.4	309.1	6,100	42,700 *	61.6	313.6	1,100	50,600 *				135
140	52.8	301.6	8,400	36,400 *	55.5	305.8	5,300	40,000 *	59.9	310.7	500	47,100 *				140
145	50.9	297.6	7,500	34,300 *	53.7	302.2	4,600	37,500 *	58.1	307.7		44,000 *				145
150	48.9	293.3	6,700	32,300 *	51.8	298.3	3,900	35,300 *	56.3	304.4		41,100 *				150
155	46.8	288.7	6,000	30,400 *	49.8	294.2	3,200	33,200 *	54.5	300.9		38,600 *				155
160	44.7	283.8	5,200	28,700 *	47.8	289.7	2,600	31,300 *	52.6	297.2		36,200 *	57.0	301.8	42,100 *	160
165	42.5	278.5	4,600	27,200 *	45.7	285.0	2,100	29,500 *	50.6	293.1		34,100 *	55.1	298.4	39,500 *	165
170	40.2	272.7	3,900	25,700 *	43.6	279.8	1,500	27,900 *	48.6	288.8		32,100 *	53.3	294.7	37,100 *	170
175	37.8	266.4	3,400	24,300 *	41.3	274.3	1,000	26,400 *	46.6	284.2		30,300 *	51.3	290.8	34,800 *	175
180	35.2	259.6	2,800	23,000 *	38.9	268.3	500	25,000 *	44.5	279.2		28,600 *	49.4	286.6	32,800 *	180
190	29.5	243.6	1,700	20,700 *	33.8	254.5		22,400 *	39.9	268.1		25,600 *	45.2	277.2	29,200 *	190
200	22.6	222.8	800	18,600 *	27.9	237.5		20,200 *	34.9	254.8		22,900 *	40.8	266.4	26,100 *	200
210	12.3	190.1		16,200 *	20.4	214.7		18,100 *	29.2	238.6		20,600 *	35.9	253.5	23,400 *	210
220					7.4	173.0		15,300 *	22.1	217.4		18,600 *	30.3	238.0	21,000 *	220
230									11.4	183.4		16,700 *	23.5	217.9	18,900 *	230
240													14.0	187.8	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
 55,000 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	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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	69.6	338.0	20,100	56,300 *											95
100	68.1	336.1	18,200	53,800 *											100
105	66.5	333.9	16,400	51,300 *											105
110	64.9	331.6	14,800	48,800 *	67.2	333.8	10,500	52,400 *							110
115	63.3	329.2	13,400	46,500 *	65.7	331.6	9,300	50,000 *							115
120	61.7	326.5	12,100	44,200 *	64.1	329.2	8,200	47,600 *							120
125	60.1	323.7	10,900	42,000 *	62.5	326.6	7,300	45,300 *							125
130	58.4	320.7	9,800	39,800 *	60.8	323.9	6,300	43,100 *							130
135	56.7	317.4	8,800	37,800 *	59.2	320.9	5,500	40,900 *							135
140	54.9	314.0	7,800	35,800 *	57.5	317.8	4,700	38,900 *	61.5	322.2	43,800 *				140
145	53.2	310.3	7,000	33,900 *	55.8	314.5	4,000	36,900 *	59.9	319.4	41,700 *				145
150	51.3	306.4	6,200	32,100 *	54.0	310.9	3,300	35,000 *	58.2	316.4	39,700 *				150
155	49.5	302.2	5,400	30,200 *	52.2	307.1	2,600	33,000 *	56.5	313.1	37,700 *				155
160	47.5	297.7	4,700	28,500 *	50.4	303.0	2,000	31,100 *	54.7	309.6	35,800 *				160
165	45.6	292.9	4,000	26,900 *	48.5	298.7	1,500	29,300 *	53.0	305.9	33,900 *	57.1	310.5	38,100 *	165
170	43.5	287.8	3,400	25,400 *	46.5	294.1	900	27,600 *	51.1	302.0	31,900 *	55.4	307.1	36,300 *	170
175	41.4	282.2	2,800	24,000 *	44.5	289.1	400	26,100 *	49.3	297.8	30,100 *	53.6	303.5	34,500 *	175
180	39.1	276.3	2,300	22,700 *	42.4	283.7		24,700 *	47.3	293.2	28,300 *	51.8	299.6	32,600 *	180
190	34.3	262.7	1,200	20,300 *	37.9	271.7		22,100 *	43.3	283.2	25,300 *	48.0	291.1	29,000 *	190
200	28.8	246.1	300	18,300 *	32.9	257.5		19,800 *	38.9	271.6	22,600 *	44.0	281.3	25,800 *	200
210	22.0	224.7		16,200 *	27.1	239.9		17,800 *	34.0	257.9	20,300 *	39.7	270.0	23,100 *	210
220	11.9	191.1		14,100 *	19.8	216.5		15,800 *	28.4	241.1	18,200 *	34.9	256.7	20,700 *	220
230					7.2	173.6		13,300 *	21.5	219.3	16,300 *	29.5	240.6	18,600 *	230
240									11.1	184.3	14,600 *	22.9	220.0	16,700 *	240
250												13.6	189.0	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
 55,000 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	55,500 b	180,000 * b													55
60	62.5	232.4	49,300 b	160,100 * b													60
65	57.7	229.4	44,100 b	137,400 * b	65.6	232.8	35,700 b	176,500 b									65
70	52.6	225.7	39,800	120,000 *	61.0	230.1	32,200 b	152,100 * b									70
75	47.2	221.4	36,100	106,400 *	56.1	226.9	29,200 b	131,300 * b									75
80	41.2	216.0	32,800	95,300 *	50.9	223.1	26,600	115,300 *									80
85	34.4	209.3	30,000	86,200 *	45.3	218.4	24,300	102,600 *	59.8	226.2	16,100 b	120,000 b					85
90	26.0	200.4	27,400	78,500 *	39.1	212.7	22,200	92,200 *	54.9	222.9	14,600 b	111,900 b					90
95	13.0	185.3	24,900	72,000 *	31.9	205.4	20,400	83,600 *	49.6	218.9	13,200	104,800					95
100					22.6	195.3	18,600	76,300 *	43.9	214.0	12,000	98,500					100
105									37.5	208.0	10,800	90,000 *	53.3	217.4	4,500	87,700	105
110									29.9	200.2	9,800	81,800 *	47.9	213.1	3,800	82,900	110
115									19.7	188.8	8,700	74,800 *	42.0	207.9	3,100	78,500	115
120													35.3	201.4	2,500	74,500	120
125													27.2	192.8	1,900	70,900	125
130													15.3	179.2	1,200	67,400	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
 55,000 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	55,000 b	175,800 * b													55
60	66.2	243.5	48,800 b	161,200 * b													60
65	62.2	241.0	43,600 b	138,200 * b													65
70	58.0	238.0	39,300	120,700 *	64.9	241.4	31,500 b	153,100 * b									70
75	53.6	234.5	35,600	106,900 *	60.8	238.8	28,600 b	132,100 * b									75
80	49.0	230.4	32,400	95,700 *	56.6	235.6	26,000	115,900 *									80
85	43.9	225.5	29,600	86,500 *	52.1	231.9	23,700	103,100 *									85
90	38.4	219.5	27,100	78,800 *	47.4	227.6	21,700	92,600 *	59.8	234.9	13,800	111,300					90
95	32.0	212.2	24,900	72,200 *	42.2	222.4	19,900	83,900 *	55.5	231.6	12,500	104,200					95
100	24.2	202.5	22,800	66,500 *	36.5	216.0	18,200	76,600 *	51.0	227.8	11,300	97,900					100
105	12.0	186.3	20,800	61,500 *	29.7	208.1	16,700	70,300 *	46.2	223.2	10,200	90,400 *					105
110					21.1	197.1	15,200	64,900 *	40.9	217.8	9,100	82,100 *	54.2	226.1	2,900	82,300	110
115									34.9	211.1	8,200	75,000 *	49.6	222.1	2,300	77,900	115
120									27.9	202.6	7,300	69,000 *	44.6	217.3	1,800	74,000	120
125									18.4	190.4	6,400	63,700 *	39.1	211.5	1,200	70,400	125
130													32.9	204.4	700	67,000	130
135													25.3	195.1	200	63,900	135
140													14.2	180.4		61,000	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
 55,000 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	48,300 b	154,900 * b													60
65	65.5	252.2	43,200 b	138,800 * b													65
70	61.9	249.7	38,900	121,200 *	67.9	252.4	31,000 b	152,700 * b									70
75	58.2	246.7	35,200	107,300 *	64.4	250.1	28,000 b	132,700 * b									75
80	54.3	243.3	32,000	96,000 *	60.7	247.4	25,400	116,400 *									80
85	50.3	239.3	29,200	86,800 *	57.0	244.3	23,200	103,400 *									85
90	45.9	234.7	26,800	79,000 *	53.1	240.7	21,200	92,900 *									90
95	41.3	229.3	24,600	72,400 *	48.9	236.5	19,400	84,100 *	59.8	243.6	11,900	103,800					95
100	36.1	222.8	22,600	66,700 *	44.5	231.7	17,800	76,800 *	56.1	240.3	10,700	97,500					100
105	30.1	214.9	20,800	61,700 *	39.7	226.0	16,300	70,500 *	52.1	236.6	9,600	90,700 *					105
110	22.7	204.5	19,100	57,300 *	34.3	219.1	15,000	65,000 *	47.9	232.3	8,600	82,300 *					110
115	11.3	187.3	17,500	53,400 *	27.9	210.6	13,700	60,200 *	43.4	227.2	7,700	75,200 *	54.9	234.9	1,700	77,500	115
120					19.8	198.8	12,500	56,000 *	38.4	221.3	6,900	69,100 *	50.8	231.0	1,200	73,600	120
125									32.8	214.1	6,100	63,800 *	46.5	226.4	700	70,000	125
130									26.2	205.0	5,400	59,200 *	41.9	221.1	200	66,700	130
135									17.3	191.9	4,600	55,100 *	36.8	214.9		63,600	135
140													30.9	207.2		60,800	140
145													23.8	197.2		57,900 *	145
150													13.4	181.6		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
 55,000 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	42,600 b	136,100 *b													65
70	65.0	260.9	38,300	122,100 *													70
75	61.7	258.3	34,600	107,900 *	67.1	261.2	27,300	133,800 *									75
80	58.4	255.4	31,500	96,500 *	63.9	258.8	24,700	117,200 *									80
85	54.9	252.0	28,700	87,100 *	60.7	256.1	22,500	104,000 *									85
90	51.3	248.1	26,300	79,200 *	57.3	253.0	20,500	93,300 *									90
95	47.5	243.7	24,100	72,500 *	53.8	249.5	18,800	84,400 *									95
100	43.4	238.7	22,100	66,700 *	50.1	245.5	17,200	77,000 *	59.9	252.2	9,900	96,900					100
105	39.0	232.8	20,400	61,700 *	46.2	240.9	15,700	70,600 *	56.5	249.0	8,800	91,100 *					105
110	34.1	225.9	18,800	57,300 *	42.1	235.6	14,400	65,100 *	52.9	245.4	7,900	82,600 *					110
115	28.5	217.4	17,300	53,400 *	37.5	229.4	13,200	60,200 *	49.2	241.2	7,000	75,400 *					115
120	21.5	206.4	15,900	49,900 *	32.4	222.1	12,100	56,000 *	45.2	236.5	6,200	69,200 *	55.4	243.6	300	72,900	120
125	10.7	188.1	14,500	46,700 *	26.4	212.9	11,000	52,200 *	41.0	231.0	5,400	63,900 *	51.8	239.8		69,300	125
130					18.7	200.5	10,000	48,800 *	36.3	224.6	4,700	59,200 *	48.0	235.5		66,100	130
135									31.1	216.9	4,100	55,100 *	44.0	230.5		63,000	135
140									24.8	207.1	3,400	51,400 *	39.6	224.8		60,200	140
145									16.3	193.3	2,800	48,100 *	34.8	218.0		57,600	145
150													29.3	209.8		53,900 *	150
155													22.5	199.1		50,400 *	155
160													12.6	182.6		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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
65	70.2	273.9	42,000	131,100 *												65
70	67.4	271.9	37,700	124,800 *												70
75	64.5	269.6	34,100	110,300 *												75
80	61.6	267.0	30,900	98,700 *	66.5	269.9	24,100	119,800 *								80
85	58.5	264.0	28,100	89,000 *	63.6	267.5	21,900	106,300 *								85
90	55.4	260.7	25,700	80,900 *	60.6	264.8	19,900	95,400 *								90
95	52.2	257.0	23,500	74,100 *	57.5	261.7	18,100	86,300 *								95
100	48.7	252.7	21,600	68,200 *	54.4	258.2	16,600	78,600 *	62.9	263.7	9,200	96,400				100
105	45.1	247.9	19,900	63,000 *	51.1	254.3	15,200	72,100 *	59.9	260.9	8,200	90,800				105
110	41.3	242.5	18,300	58,500 *	47.6	249.9	13,900	66,500 *	56.8	257.7	7,200	84,400 *				110
115	37.1	236.2	16,900	54,500 *	43.9	244.9	12,700	61,500 *	53.6	254.1	6,400	77,000 *				115
120	32.5	228.8	15,500	50,900 *	40.0	239.2	11,600	57,200 *	50.3	250.1	5,600	70,700 *				120
125	27.1	219.9	14,300	47,700 *	35.7	232.7	10,600	53,300 *	46.7	245.6	4,800	65,200 *	55.8	252.3	68,800	125
130	20.5	208.1	13,100	44,800 *	30.8	224.8	9,600	49,900 *	43.0	240.5	4,200	60,500 *	52.6	248.6	65,500	130
135	10.1	189.0	11,900	41,200 *	25.2	215.1	8,700	46,800 *	39.0	234.6	3,500	56,200 *	49.2	244.4	62,500	135
140					17.8	202.0	7,800	44,000 *	34.6	227.7	2,900	52,500 *	45.6	239.7	59,800	140
145									29.6	219.5	2,300	49,100 *	41.8	234.4	57,200	145
150									23.6	209.2	1,800	46,100 *	37.7	228.2	54,800	150
155									15.5	194.6	1,200	43,300 *	33.1	221.0	51,400 *	155
160													27.9	212.3	48,200 *	160
165													21.4	201.0	45,300 *	165
170													12.0	183.7	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
 55,000 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	Luffing Jib Capacity Pounds	
70	69.4	282.7	37,100	116,400 *												70
75	66.8	280.6	33,500	111,100 *												75
80	64.1	278.3	30,300	99,200 *												80
85	61.4	275.7	27,600	89,400 *	65.9	278.6	21,200	107,000 *								85
90	58.7	272.7	25,100	81,200 *	63.3	276.2	19,200	95,800 *								90
95	55.8	269.4	23,000	74,200 *	60.6	273.4	17,500	86,600 *								95
100	52.8	265.7	21,100	68,200 *	57.8	270.4	15,900	78,800 *								100
105	49.8	261.6	19,300	63,000 *	54.9	267.0	14,500	72,200 *	62.6	272.3	7,400	90,200				105
110	46.5	257.1	17,800	58,400 *	51.9	263.1	13,200	66,500 *	59.9	269.5	6,500	84,600 *				110
115	43.1	251.9	16,300	54,400 *	48.7	258.9	12,100	61,500 *	57.1	266.4	5,600	77,200 *				115
120	39.4	246.1	15,000	50,800 *	45.4	254.2	11,000	57,100 *	54.2	262.9	4,900	70,800 *				120
125	35.4	239.4	13,800	47,500 *	41.9	248.8	10,000	53,200 *	51.1	259.0	4,100	65,200 *				125
130	31.0	231.6	12,700	44,600 *	38.2	242.7	9,100	49,700 *	48.0	254.6	3,500	60,400 *	56.2	261.0	64,900	130
135	25.9	222.1	11,600	42,000 *	34.1	235.7	8,200	46,600 *	44.6	249.7	2,900	56,100 *	53.2	257.4	61,900	135
140	19.6	209.8	10,600	39,500 *	29.5	227.5	7,400	43,700 *	41.1	244.2	2,300	52,300 *	50.2	253.3	59,200	140
145	9.7	189.8	9,600	36,400 *	24.0	217.3	6,600	41,200 *	37.2	238.0	1,700	48,900 *	47.0	248.8	56,600	145
150					17.0	203.5	5,900	38,800 *	33.0	230.7	1,200	45,900 *	43.6	243.8	54,200	150
155									28.2	222.0	700	43,100 *	39.9	238.0	51,300 *	155
160									22.5	211.2	200	40,600 *	36.0	231.5	48,000 *	160
165									14.9	195.9		38,300 *	31.6	223.8	45,000 *	165
170													26.6	214.6	42,400 *	170
175													20.5	202.8	39,900 *	175
180													11.5	184.6	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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
75	68.7	291.5	33,200	105,500 *												75
80	66.3	289.4	30,000	99,100 *												80
85	63.8	287.0	27,300	89,300 *	67.9	289.5	20,800	104,200 *								85
90	61.3	284.3	24,900	81,100 *	65.5	287.3	18,900	95,800 *								90
95	58.8	281.4	22,700	74,100 *	63.0	284.8	17,200	86,500 *								95
100	56.1	278.1	20,800	68,100 *	60.5	282.1	15,600	78,700 *								100
105	53.4	274.5	19,100	62,900 *	57.9	279.0	14,200	72,100 *								105
110	50.6	270.5	17,500	58,300 *	55.3	275.7	13,000	66,400 *	62.4	281.0	6,200	84,600 *				110
115	47.7	266.1	16,100	54,200 *	52.5	271.9	11,800	61,300 *	59.9	278.2	5,300	77,100 *				115
120	44.6	261.2	14,800	50,600 *	49.7	267.8	10,700	56,900 *	57.3	275.1	4,600	70,700 *				120
125	41.3	255.7	13,600	47,400 *	46.7	263.3	9,800	53,000 *	54.6	271.6	3,800	65,100 *				125
130	37.8	249.5	12,500	44,500 *	43.5	258.2	8,900	49,600 *	51.8	267.8	3,200	60,300 *				130
135	34.0	242.5	11,500	41,800 *	40.2	252.5	8,000	46,400 *	49.0	263.6	2,600	56,000 *	56.5	269.7	61,700	135
140	29.7	234.3	10,600	39,400 *	36.6	246.1	7,200	43,600 *	45.9	258.9	2,000	52,200 *	53.8	266.1	58,900	140
145	24.8	224.3	9,600	37,200 *	32.7	238.7	6,500	41,000 *	42.8	253.7	1,500	48,800 *	51.0	262.2	56,400	145
150	18.8	211.5	8,800	35,100 *	28.3	230.0	5,800	38,700 *	39.4	247.8	1,000	45,700 *	48.1	257.8	54,000	150
155	9.3	190.6	7,900	32,500 *	23.1	219.3	5,100	36,500 *	35.7	241.2	500	43,000 *	45.0	253.0	51,100 *	155
160					16.3	204.9	4,400	34,500 *	31.7	233.5		40,500 *	41.7	247.6	47,900 *	160
165									27.1	224.4		38,200 *	38.3	241.5	44,900 *	165
170									21.6	213.1		36,100 *	34.5	234.6	42,200 *	170
175									14.2	197.1		34,100 *	30.3	226.5	39,800 *	175
180													25.5	216.9	37,500 *	180
190													11.0	185.5	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
 55,000 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	Luffing Jib Capacity Pounds	
75	70.3	302.2	32,600	98,800 *												75
80	68.1	300.3	29,400	95,600 *												80
85	65.8	298.1	26,700	88,900 *												85
90	63.6	295.7	24,300	80,700 *	67.3	298.3	18,200	94,400 *								90
95	61.2	293.0	22,100	73,700 *	65.1	296.0	16,500	86,100 *								95
100	58.9	290.0	20,200	67,600 *	62.8	293.5	15,000	78,300 *								100
105	56.4	286.8	18,500	62,400 *	60.5	290.7	13,600	71,700 *								105
110	53.9	283.3	17,000	57,800 *	58.1	287.7	12,300	65,900 *								110
115	51.3	279.4	15,600	53,800 *	55.6	284.4	11,200	60,900 *	62.3	289.7	4,600	76,700 *				115
120	48.6	275.1	14,300	50,200 *	53.1	280.7	10,100	56,500 *	59.9	286.9	3,800	70,200 *				120
125	45.8	270.4	13,100	46,900 *	50.5	276.7	9,100	52,600 *	57.5	283.8	3,100	64,700 *				125
130	42.9	265.2	12,000	44,000 *	47.7	272.3	8,300	49,100 *	55.0	280.3	2,500	59,800 *				130
135	39.7	259.4	11,000	41,300 *	44.9	267.4	7,400	46,000 *	52.5	276.6	1,900	55,500 *				135
140	36.4	252.8	10,100	38,900 *	41.9	262.0	6,700	43,100 *	49.8	272.5	1,300	51,700 *	56.7	278.4	58,400	140
145	32.7	245.4	9,200	36,700 *	38.7	256.0	5,900	40,600 *	47.1	268.0	800	48,300 *	54.2	274.9	55,800	145
150	28.6	236.8	8,400	34,700 *	35.2	249.2	5,200	38,200 *	44.2	263.0	300	45,300 *	51.7	271.0	53,400	150
155	23.9	226.4	7,600	32,800 *	31.4	241.5	4,600	36,100 *	41.1	257.5		42,500 *	49.0	266.8	50,700 *	155
160	18.1	213.0	6,800	31,100 *	27.2	232.4	4,000	34,100 *	37.9	251.3		40,000 *	46.2	262.1	47,400 *	160
165	8.9	191.3	6,000	28,800 *	22.2	221.2	3,400	32,300 *	34.3	244.3		37,700 *	43.2	257.0	44,400 *	165
170					15.7	206.2	2,800	30,600 *	30.5	236.3		35,600 *	40.1	251.3	41,700 *	170
175									26.1	226.7		33,700 *	36.8	244.9	39,300 *	175
180									20.8	214.9		31,900 *	33.2	237.6	37,100 *	180
190													24.6	219.1	33,100 *	190
200													10.6	186.4	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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
80	69.6	311.0	28,800	91,900 *												80
85	67.5	309.0	26,100	89,200 *												85
90	65.4	306.8	23,700	81,500 *												90
95	63.3	304.3	21,600	74,400 *	66.9	307.0	15,900	87,000 *								95
100	61.2	301.6	19,700	68,300 *	64.8	304.7	14,300	79,100 *								100
105	58.9	298.7	18,000	63,000 *	62.6	302.2	13,000	72,300 *								105
110	56.7	295.5	16,400	58,300 *	60.4	299.4	11,700	66,500 *								110
115	54.3	292.0	15,000	54,200 *	58.2	296.4	10,600	61,400 *								115
120	51.9	288.2	13,700	50,500 *	55.9	293.1	9,500	57,000 *	62.1	298.3	3,200	70,900 *				120
125	49.4	284.0	12,600	47,300 *	53.6	289.5	8,600	53,000 *	59.9	295.5	2,500	65,200 *				125
130	46.9	279.5	11,500	44,300 *	51.1	285.6	7,700	49,500 *	57.7	292.4	1,800	60,300 *				130
135	44.2	274.5	10,500	41,600 *	48.6	281.3	6,900	46,300 *	55.4	289.1	1,300	56,000 *				135
140	41.3	269.0	9,500	39,200 *	46.0	276.6	6,100	43,400 *	53.0	285.4	700	52,100 *				140
145	38.3	262.8	8,700	36,900 *	43.3	271.4	5,400	40,800 *	50.5	281.4	200	48,700 *	57.0	287.1	55,300	145
150	35.1	256.0	7,900	34,900 *	40.4	265.7	4,700	38,400 *	48.0	277.0		45,600 *	54.6	283.6	52,900	150
155	31.5	248.3	7,100	33,000 *	37.3	259.4	4,100	36,300 *	45.4	272.2		42,800 *	52.2	279.8	50,700	155
160	27.6	239.3	6,400	31,200 *	34.0	252.3	3,500	34,300 *	42.6	266.9		40,200 *	49.8	275.7	47,700 *	160
165	23.1	228.5	5,700	29,600 *	30.3	244.2	2,900	32,400 *	39.6	261.1		37,900 *	47.2	271.2	44,700 *	165
170	17.4	214.6	5,000	28,100 *	26.2	234.7	2,400	30,700 *	36.5	254.6		35,800 *	44.5	266.3	42,000 *	170
175	8.6	192.0	4,300	24,800 *	21.4	223.1	1,800	29,100 *	33.1	247.3		33,800 *	41.7	260.8	39,500 *	175
180					15.2	207.5	1,300	27,600 *	29.4	238.9		32,000 *	38.7	254.8	37,300 *	180
190									20.1	216.7		28,800 *	32.0	240.5	33,300 *	190
200													23.7	221.1	29,900 *	200
210													10.2	187.3	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
 55,000 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	Luffing Jib Capacity Pounds	
80	70.9	321.7	28,300	84,900 *												80
85	69.0	319.8	25,500	82,300 *												85
90	67.1	317.7	23,100	79,900 *												90
95	65.1	315.5	21,000	74,700 *												95
100	63.1	313.0	19,100	68,500 *	66.4	315.7	13,700	78,900 *								100
105	61.1	310.3	17,400	63,100 *	64.5	313.4	12,300	72,600 *								105
110	59.0	307.4	15,800	58,300 *	62.5	310.8	11,000	66,700 *								110
115	56.9	304.2	14,400	54,100 *	60.4	308.1	9,900	61,500 *								115
120	54.7	300.7	13,200	50,400 *	58.3	305.0	8,900	56,900 *								120
125	52.5	297.0	12,000	47,100 *	56.2	301.8	7,900	52,900 *	62.0	307.0	1,700	65,400 *				125
130	50.2	292.9	10,900	44,100 *	54.0	298.2	7,000	49,300 *	59.9	304.2	1,100	60,400 *				130
135	47.8	288.5	9,900	41,400 *	51.7	294.4	6,200	46,100 *	57.8	301.1	500	55,900 *				135
140	45.3	283.7	9,000	38,900 *	49.4	290.2	5,500	43,200 *	55.7	297.8		52,000 *				140
145	42.7	278.4	8,100	36,600 *	47.0	285.6	4,800	40,600 *	53.4	294.1		48,500 *				145
150	39.9	272.6	7,300	34,600 *	44.5	280.7	4,100	38,200 *	51.2	290.2		45,400 *	57.2	295.7	52,400	150
155	37.0	266.2	6,600	32,700 *	41.8	275.3	3,500	36,000 *	48.8	286.0		42,600 *	55.0	292.3	50,200	155
160	33.9	259.1	5,900	30,900 *	39.0	269.3	2,900	33,900 *	46.4	281.3		40,000 *	52.8	288.6	47,600 *	160
165	30.5	251.0	5,200	29,300 *	36.1	262.7	2,400	32,100 *	43.8	276.2		37,600 *	50.5	284.6	44,500 *	165
170	26.7	241.6	4,600	27,700 *	32.8	255.3	1,800	30,400 *	41.2	270.7		35,500 *	48.1	280.2	41,800 *	170
175	22.3	230.4	3,900	26,300 *	29.3	246.8	1,300	28,800 *	38.3	264.6		33,500 *	45.6	275.4	39,300 *	175
180	16.8	216.0	3,300	25,000 *	25.4	237.0	800	27,300 *	35.3	257.8		31,700 *	43.0	270.2	37,000 *	180
190					14.7	208.8		24,600 *	28.4	241.4		28,400 *	37.4	258.2	32,900 *	190
200									19.4	218.4		25,600 *	31.0	243.2	29,500 *	200
210													22.9	223.2	26,500 *	210
220													9.9	188.1	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
 55,000 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	Luffing Jib Capacity Pounds		
85	70.3	330.5	25,200	77,600 *												85	
90	68.5	328.6	22,700	75,300 *												90	
95	66.7	326.5	20,600	72,700 *												95	
100	64.8	324.2	18,700	68,200 *	67.9	326.6	13,300	74,200 *								100	
105	62.9	321.7	17,000	62,800 *	66.1	324.4	11,900	71,600 *								105	
110	61.0	319.0	15,500	58,000 *	64.2	322.1	10,700	66,400 *								110	
115	59.1	316.0	14,100	53,800 *	62.3	319.5	9,600	61,200 *								115	
120	57.1	312.9	12,800	50,100 *	60.4	316.7	8,500	56,600 *								120	
125	55.0	309.4	11,700	46,800 *	58.4	313.7	7,600	52,600 *								125	
130	52.9	305.7	10,600	43,800 *	56.4	310.5	6,700	49,000 *	61.9	315.7	800	60,100 *				130	
135	50.8	301.8	9,600	41,100 *	54.4	307.0	5,900	45,800 *	59.9	312.8	200	55,700 *				135	
140	48.5	297.4	8,700	38,600 *	52.2	303.2	5,100	42,900 *	57.9	309.8		51,700 *				140	
145	46.2	292.8	7,800	36,300 *	50.1	299.1	4,400	40,300 *	55.9	306.5		48,200 *				145	
150	43.8	287.7	7,000	34,300 *	47.8	294.7	3,800	37,900 *	53.9	302.9		45,100 *				150	
155	41.3	282.2	6,300	32,400 *	45.5	289.9	3,200	35,700 *	51.7	299.0		42,300 *	57.3	304.4	49,900	155	
160	38.7	276.1	5,600	30,600 *	43.0	284.7	2,600	33,600 *	49.5	294.9		39,700 *	55.3	301.0	47,300 *	160	
165	35.9	269.5	4,900	29,000 *	40.5	279.0	2,100	31,800 *	47.3	290.4		37,300 *	53.2	297.4	44,200 *	165	
170	32.9	262.0	4,300	27,400 *	37.8	272.7	1,500	30,100 *	44.9	285.5		35,200 *	51.1	293.4	41,500 *	170	
175	29.6	253.6	3,700	26,000 *	34.9	265.8	1,100	28,500 *	42.4	280.2		33,200 *	48.8	289.2	39,000 *	175	
180	25.9	243.9	3,200	24,700 *	31.8	258.1	600	27,000 *	39.9	274.3		31,400 *	46.5	284.5	36,700 *	180	
190	16.3	217.4	2,100	22,300 *	24.6	239.1		24,300 *	34.2	260.9		28,100 *	41.7	274.1	32,600 *	190	
200					14.2	210.0		21,900 *	27.5	243.9		25,300 *	36.3	261.5	29,200 *	200	
210									18.8	220.0		22,800 *	30.0	245.9	26,200 *	210	
220													22.2	225.1	23,600 *	220	
230													9.5	188.9	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	69.8	339.3	22,200	70,500 *											90
95	68.0	337.3	20,000	67,700 *											95
100	66.3	335.2	18,100	65,000 *											100
105	64.6	332.9	16,400	62,200 *	67.5	335.3	11,300	66,500 *							105
110	62.8	330.3	14,900	57,500 *	65.7	333.1	10,000	63,900 *							110
115	61.0	327.6	13,500	53,300 *	64.0	330.8	8,900	60,700 *							115
120	59.1	324.7	12,200	49,600 *	62.2	328.2	7,900	56,100 *							120
125	57.2	321.5	11,100	46,300 *	60.4	325.4	6,900	52,100 *							125
130	55.3	318.2	10,000	43,300 *	58.5	322.4	6,100	48,500 *							130
135	53.3	314.5	9,000	40,500 *	56.6	319.2	5,300	45,300 *	61.8	324.3	55,100 *				135
140	51.3	310.6	8,100	38,100 *	54.7	315.7	4,500	42,400 *	59.9	321.5	51,200 *				140
145	49.2	306.4	7,300	35,800 *	52.7	312.0	3,800	39,700 *	58.1	318.4	47,700 *				145
150	47.1	301.8	6,500	33,700 *	50.7	307.9	3,200	37,300 *	56.2	315.2	44,600 *				150
155	44.9	296.9	5,700	31,800 *	48.6	303.6	2,600	35,100 *	54.2	311.6	41,700 *				155
160	42.5	291.6	5,100	30,100 *	46.4	299.0	2,000	33,100 *	52.2	307.8	39,100 *	57.5	313.1	46,700 *	160
165	40.1	285.8	4,400	28,400 *	44.1	293.9	1,500	31,200 *	50.2	303.8	36,800 *	55.6	309.7	43,700 *	165
170	37.5	279.5	3,800	26,900 *	41.8	288.5	1,000	29,500 *	48.0	299.4	34,600 *	53.6	306.1	40,900 *	170
175	34.8	272.6	3,200	25,500 *	39.3	282.6	500	27,900 *	45.8	294.6	32,700 *	51.6	302.2	38,400 *	175
180	31.9	264.9	2,700	24,200 *	36.7	276.1		26,400 *	43.6	289.5	30,800 *	49.5	298.1	36,100 *	180
190	25.1	246.2	1,600	21,800 *	30.9	260.9		23,800 *	38.7	277.9	27,600 *	45.2	288.7	32,100 *	190
200	15.9	218.8	600	19,600 *	23.9	241.2		21,400 *	33.2	263.9	24,800 *	40.4	277.8	28,700 *	200
210					13.8	211.2		19,300 *	26.7	246.2	22,300 *	35.2	264.7	25,700 *	210
220									18.3	221.6	20,100 *	29.1	248.5	23,100 *	220
230												21.6	227.0	20,800 *	230
240												9.3	189.7	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	70.9	350.0	21,600	65,700 *											90
95	69.3	348.1	19,500	63,300 *											95
100	67.6	346.1	17,600	60,800 *											100
105	66.0	343.9	15,900	58,300 *											105
110	64.3	341.6	14,400	55,800 *	67.1	344.1	9,500	59,700 *							110
115	62.6	339.0	13,000	52,800 *	65.5	341.8	8,300	57,300 *							115
120	60.9	336.3	11,700	49,100 *	63.8	339.4	7,300	54,900 *							120
125	59.2	333.4	10,500	45,800 *	62.1	336.8	6,400	51,600 *							125
130	57.4	330.2	9,500	42,800 *	60.3	334.0	5,500	48,000 *							130
135	55.6	326.9	8,500	40,000 *	58.6	331.0	4,700	44,800 *							135
140	53.7	323.3	7,600	37,600 *	56.8	327.8	4,000	41,900 *	61.7	333.0	50,700 *				140
145	51.8	319.4	6,800	35,300 *	55.0	324.4	3,300	39,200 *	59.9	330.2	47,200 *				145
150	49.8	315.3	6,000	33,200 *	53.1	320.7	2,600	36,800 *	58.2	327.1	44,100 *				150
155	47.8	310.8	5,200	31,300 *	51.2	316.8	2,000	34,600 *	56.4	323.9	41,200 *				155
160	45.7	306.1	4,500	29,600 *	49.2	312.6	1,500	32,600 *	54.5	320.4	38,700 *				160
165	43.6	300.9	3,900	27,900 *	47.2	308.0	900	30,700 *	52.6	316.6	36,300 *	57.6	321.8	43,200 *	165
170	41.3	295.4	3,300	26,400 *	45.1	303.1	400	29,000 *	50.7	312.6	34,100 *	55.8	318.4	40,400 *	170
175	39.0	289.4	2,700	25,000 *	42.9	297.9		27,400 *	48.7	308.3	32,200 *	53.9	314.9	37,900 *	175
180	36.5	282.9	2,200	23,700 *	40.6	292.2		25,900 *	46.7	303.7	30,300 *	52.1	311.0	35,600 *	180
190	31.0	267.7	1,200	21,300 *	35.7	279.3		23,300 *	42.3	293.4	27,100 *	48.1	302.6	31,600 *	190
200	24.4	248.3	200	19,100 *	30.0	263.6		20,900 *	37.6	281.3	24,300 *	43.9	292.8	28,200 *	200
210	15.4	220.1		17,200 *	23.2	243.3		18,800 *	32.3	266.8	21,800 *	39.3	281.3	25,200 *	210
220					13.4	212.4		16,900 *	26.0	248.5	19,600 *	34.2	267.8	22,600 *	220
230									17.8	223.2	17,700 *	28.3	251.0	20,400 *	230
240												21.0	228.9	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	70.3	358.8	18,900	56,900 *											95
100	68.8	356.9	17,000	54,500 *											100
105	67.3	354.8	15,300	52,200 *											105
110	65.7	352.6	13,800	49,800 *											110
115	64.1	350.2	12,400	47,400 *	66.8	352.8	7,700	51,200 *							115
120	62.5	347.7	11,100	45,100 *	65.2	350.5	6,700	48,900 *							120
125	60.9	344.9	10,000	42,900 *	63.6	348.1	5,700	46,600 *							125
130	59.2	342.0	8,900	40,800 *	62.0	345.5	4,900	44,400 *							130
135	57.5	338.9	7,900	38,800 *	60.3	342.7	4,100	42,300 *							135
140	55.8	335.6	7,000	36,800 *	58.7	339.7	3,400	40,200 *							140
145	54.0	332.0	6,200	34,900 *	57.0	336.5	2,700	38,200 *	61.6	341.7	43,600 *				145
150	52.2	328.2	5,400	33,100 *	55.2	333.1	2,000	36,300 *	59.9	338.8	41,600 *				150
155	50.4	324.1	4,700	31,100 *	53.5	329.5	1,400	34,400 *	58.3	335.8	39,600 *				155
160	48.5	319.8	4,000	29,300 *	51.6	325.6	900	32,400 *	56.5	332.5	37,700 *				160
165	46.5	315.2	3,300	27,700 *	49.8	321.5	300	30,500 *	54.8	329.1	35,900 *				165
170	44.5	310.2	2,700	26,100 *	47.9	317.0		28,800 *	53.0	325.4	34,000 *	57.7	330.4	38,600 *	170
175	42.4	304.8	2,200	24,700 *	45.9	312.3		27,200 *	51.2	321.4	32,000 *	56.0	327.1	36,800 *	175
180	40.2	299.1	1,600	23,300 *	43.9	307.2		25,700 *	49.3	317.2	30,100 *	54.3	323.6	35,100 *	180
190	35.5	286.1	600	20,900 *	39.5	295.8		22,900 *	45.4	307.9	26,800 *	50.6	315.8	31,400 *	190
200	30.2	270.4		18,700 *	34.7	282.4		20,500 *	41.2	297.2	23,900 *	46.8	306.9	27,900 *	200
210	23.8	250.4		16,700 *	29.3	266.2		18,400 *	36.6	284.6	21,400 *	42.7	296.7	24,900 *	210
220	15.0	221.4		14,900 *	22.6	245.3		16,600 *	31.4	269.6	19,200 *	38.3	284.8	22,300 *	220
230					13.1	213.5		14,700 *	25.3	250.8	17,300 *	33.3	270.8	20,000 *	230
240									17.3	224.7	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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
60	64.7	253.5	46,900 b	174,000 * b												60
65	60.0	250.7	41,900 b	147,600 * b												65
70	55.1	247.4	37,700 b	127,900 * b	64.2	251.7	28,600 b	158,000 b								70
75	49.9	243.5	34,200	112,700 *	59.5	248.9	25,800 b	145,000 b								75
80	44.2	238.6	31,100	100,400 *	54.6	245.5	23,500 b	126,000 * b								80
85	37.8	232.7	28,300	90,400 *	49.3	241.5	21,400	111,100 *								85
90	30.3	225.0	25,900	82,100 *	43.5	236.5	19,500	99,200 *	60.0	245.7	9,900 b	108,300 b				90
95	20.4	213.9	23,600	75,100 *	37.1	230.4	17,800	89,400 *	55.1	242.3	8,800 b	101,400 b				95
100					29.4	222.4	16,200	81,300 *	49.8	238.4	7,800	95,300				100
105					18.9	210.7	14,700	74,300 *	44.1	233.5	6,900	89,800				105
110									37.7	227.5	6,000	84,800	55.2	237.5	78,900 b	110
115									30.2	219.8	5,200	80,300	50.0	233.6	74,700	115
120									20.2	208.6	4,400	75,000 *	44.3	228.8	70,900	120
125													37.9	222.8	67,400	125
130													30.4	215.1	64,200	130
135													20.5	204.1	61,200	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
 55,000 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	Luffing Jib Capacity Pounds	
60	68.1	264.5	46,300 b	170,700 * b												60
65	64.1	262.2	41,400 b	148,600 * b												65
70	60.0	259.4	37,200 b	128,700 * b	67.6	262.7	27,800 b	157,400 b								70
75	55.8	256.1	33,700	113,200 *	63.7	260.4	25,100 b	144,500 b								75
80	51.3	252.3	30,600	100,900 *	59.6	257.6	22,800 b	126,700 * b								80
85	46.4	247.8	27,900	90,800 *	55.3	254.3	20,700	111,700 *								85
90	41.2	242.4	25,500	82,400 *	50.7	250.4	18,900	99,700 *								90
95	35.3	235.9	23,400	75,300 *	45.9	245.8	17,200	89,800 *	60.0	254.3	8,000 b	100,800 b				95
100	28.3	227.5	21,400	69,200 *	40.5	240.3	15,700	81,600 *	55.7	251.1	7,000	94,700				100
105	19.0	215.5	19,600	63,900 *	34.5	233.5	14,400	74,600 *	51.2	247.2	6,100	89,200				105
110					27.4	224.9	13,100	68,600 *	46.4	242.7	5,300	84,300				110
115					17.6	212.2	11,800	63,400 *	41.1	237.3	4,600	79,800	55.8	246.3	74,000	115
120									35.2	230.7	3,900	75,300 *	51.3	242.4	70,300	120
125									28.2	222.3	3,200	69,200 *	46.5	237.9	66,800	125
130									18.8	210.3	2,500	63,900 *	41.2	232.6	63,700	130
135													35.3	226.0	60,700	135
140													28.4	217.7	58,000	140
145													19.1	205.8	55,500	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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
60	70.6	275.2	45,800 b	158,200 *b												60
65	67.2	273.2	40,900 b	149,300 *b												65
70	63.7	270.8	36,700	129,200 *												70
75	60.0	268.1	33,200	113,700 *	66.8	271.5	24,500 b	144,100 b								75
80	56.3	264.9	30,200	101,200 *	63.3	269.1	22,200	127,300 *								80
85	52.3	261.1	27,500	91,100 *	59.6	266.2	20,200	112,100 *								85
90	48.1	256.9	25,200	82,600 *	55.8	263.0	18,400	100,000 *								90
95	43.6	251.9	23,100	75,500 *	51.8	259.2	16,700	90,100 *								95
100	38.7	246.0	21,200	69,400 *	47.6	254.8	15,300	81,800 *	60.0	263.0	6,400	94,200				100
105	33.1	238.8	19,500	64,000 *	43.1	249.8	14,000	74,800 *	56.2	259.8	5,600	88,800				105
110	26.6	229.8	17,900	59,400 *	38.1	243.7	12,700	68,700 *	52.2	256.0	4,800	83,900				110
115	17.8	217.1	16,400	55,200 *	32.4	236.4	11,600	63,500 *	48.0	251.8	4,100	79,400				115
120					25.7	227.1	10,600	58,900 *	43.5	246.7	3,400	75,400	56.3	255.0	69,800	120
125					16.5	213.6	9,500	54,800 *	38.6	240.8	2,800	69,300 *	52.3	251.3	66,400	125
130									33.0	233.7	2,200	64,000 *	48.1	247.0	63,200	130
135									26.5	224.6	1,600	59,400 *	43.6	242.0	60,300	135
140									17.7	211.8	1,000	55,200 *	38.7	236.1	57,700	140
145													33.2	229.0	55,200	145
150													26.6	220.0	52,800	150
155													17.9	207.3	50,600	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
 55,000 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	Luffing Jib Capacity Pounds	
65	69.6	284.0	40,300 b	138,800 * b												65
70	66.5	281.9	36,100	130,300 *												70
75	63.3	279.5	32,600	114,400 *												75
80	60.0	276.7	29,600	101,800 *	66.1	280.2	21,500	128,300 *								80
85	56.6	273.5	26,900	91,500 *	62.9	277.7	19,400	112,900 *								85
90	53.1	269.9	24,600	82,900 *	59.6	274.9	17,600	100,500 *								90
95	49.4	265.8	22,500	75,700 *	56.2	271.7	16,000	90,400 *								95
100	45.5	261.1	20,700	69,400 *	52.7	268.0	14,600	82,000 *								100
105	41.2	255.7	19,000	64,100 *	49.0	263.8	13,300	74,900 *	60.0	271.6	4,700	88,100				105
110	36.6	249.3	17,500	59,400 *	45.0	259.0	12,100	68,800 *	56.6	268.5	4,000	83,300				110
115	31.4	241.7	16,000	55,200 *	40.7	253.5	11,000	63,500 *	53.0	264.8	3,300	78,800				115
120	25.1	232.1	14,700	51,500 *	36.0	247.0	10,000	58,900 *	49.3	260.7	2,600	74,800				120
125	16.9	218.5	13,400	48,200 *	30.7	239.2	9,100	54,800 *	45.4	256.0	2,000	69,400 *	56.7	263.7	65,700	125
130					24.3	229.3	8,200	51,100 *	41.2	250.5	1,500	64,100 *	53.1	260.0	62,600	130
135					15.6	215.0	7,300	47,900 *	36.5	244.2	1,000	59,400 *	49.4	255.9	59,700	135
140									31.3	236.5	500	55,200 *	45.5	251.2	57,000	140
145									25.0	226.9		51,500 *	41.3	245.8	54,600	145
150									16.7	213.2		48,200 *	36.6	239.4	52,300	150
155													31.4	231.8	50,100	155
160													25.2	222.2	48,100	160
165													17.0	208.8	46,200	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
 55,000 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	Luffing Jib Capacity Pounds	
70	68.8	292.8	35,500	128,200 *												70
75	65.9	290.6	32,000	117,000 *												75
80	63.0	288.2	29,000	104,100 *												80
85	60.0	285.4	26,400	93,500 *	65.6	288.9	18,800	115,400 *								85
90	57.0	282.2	24,000	84,700 *	62.7	286.4	17,000	102,800 *								90
95	53.8	278.7	22,000	77,300 *	59.7	283.6	15,400	92,400 *								95
100	50.4	274.7	20,100	70,900 *	56.6	280.4	14,000	83,800 *								100
105	46.9	270.2	18,500	65,500 *	53.4	276.8	12,700	76,500 *	63.0	283.1	4,000	87,600				105
110	43.2	265.1	17,000	60,600 *	50.0	272.7	11,500	70,300 *	60.0	280.3	3,300	82,700				110
115	39.2	259.2	15,600	56,400 *	46.5	268.2	10,500	64,900 *	56.9	277.1	2,600	78,300				115
120	34.8	252.4	14,300	52,600 *	42.8	263.0	9,500	60,100 *	53.7	273.6	2,000	74,300				120
125	29.8	244.3	13,100	49,300 *	38.7	257.0	8,600	56,000 *	50.4	269.6	1,400	70,700				125
130	23.9	234.2	12,000	46,200 *	34.3	250.1	7,700	52,200 *	46.9	265.1	900	65,400 *	57.0	272.3	62,000	130
135	16.0	219.9	10,900	43,400 *	29.2	241.8	6,900	48,900 *	43.1	260.0	400	60,600 *	53.8	268.8	59,200	135
140					23.2	231.3	6,100	45,900 *	39.1	254.1		56,400 *	50.5	264.8	56,500	140
145					14.9	216.2	5,300	43,200 *	34.7	247.3		52,600 *	47.0	260.3	54,100	145
150									29.7	239.2		49,300 *	43.2	255.2	51,800	150
155									23.8	229.0		46,200 *	39.2	249.4	49,700	155
160									15.9	214.6		43,400 *	34.8	242.6	47,700	160
165													29.9	234.5	45,800	165
170													24.0	224.4	44,100	170
175													16.2	210.2	42,400	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
 55,000 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	Luffing Jib Capacity Pounds	
70	70.6	303.5	34,900	118,200 *												70
75	68.0	301.5	31,400	113,900 *												75
80	65.4	299.3	28,400	104,700 *												80
85	62.8	296.8	25,700	93,900 *	67.7	299.8	18,100	113,400 *								85
90	60.0	294.0	23,400	85,000 *	65.1	297.6	16,300	103,400 *								90
95	57.2	290.9	21,400	77,500 *	62.5	295.1	14,700	92,800 *								95
100	54.3	287.4	19,500	71,000 *	59.7	292.2	13,300	84,100 *								100
105	51.3	283.6	17,900	65,400 *	56.9	289.1	12,000	76,700 *								105
110	48.1	279.2	16,400	60,600 *	54.0	285.5	10,900	70,400 *	62.7	291.8	2,500	82,100				110
115	44.8	274.4	15,000	56,300 *	50.9	281.6	9,800	64,900 *	60.0	289.0	1,800	77,700				115
120	41.3	268.9	13,800	52,500 *	47.7	277.2	8,900	60,100 *	57.2	285.8	1,200	73,700				120
125	37.4	262.7	12,600	49,100 *	44.4	272.3	8,000	55,800 *	54.3	282.3	700	70,100				125
130	33.2	255.4	11,600	46,000 *	40.8	266.7	7,100	52,100 *	51.2	278.5	100	65,400 *				130
135	28.5	246.9	10,600	43,200 *	37.0	260.4	6,300	48,700 *	48.1	274.1		60,500 *	57.2	281.0	58,500	135
140	22.9	236.2	9,600	40,700 *	32.7	253.1	5,600	45,700 *	44.7	269.2		56,300 *	54.3	277.5	55,900	140
145	15.3	221.2	8,700	38,400 *	27.9	244.3	4,900	42,900 *	41.2	263.8		52,500 *	51.3	273.7	53,500	145
150					22.1	233.3	4,200	40,400 *	37.4	257.5		49,100 *	48.2	269.3	51,200	150
155					14.2	217.5	3,600	38,100 *	33.2	250.3		46,000 *	44.8	264.5	49,100	155
160									28.4	241.7		43,200 *	41.3	259.0	47,100	160
165									22.8	231.0		40,700 *	37.5	252.8	45,300	165
170									15.2	215.9		38,400 *	33.3	245.6	43,500	170
175													28.6	237.0	41,900	175
180													22.9	226.4	40,300	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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
75	69.8	312.3	31,100	107,100 *												75
80	67.4	310.3	28,100	103,400 *												80
85	65.0	308.0	25,500	93,900 *												85
90	62.6	305.5	23,100	84,900 *	67.2	308.6	15,900	102,900 *								90
95	60.0	302.7	21,100	77,400 *	64.7	306.3	14,400	92,800 *								95
100	57.4	299.6	19,300	70,900 *	62.3	303.7	13,000	84,000 *								100
105	54.8	296.2	17,600	65,300 *	59.7	300.9	11,700	76,600 *								105
110	52.0	292.4	16,200	60,500 *	57.1	297.7	10,600	70,300 *								110
115	49.1	288.2	14,800	56,200 *	54.4	294.3	9,500	64,800 *	62.5	300.4	1,500	77,500				115
120	46.1	283.5	13,600	52,300 *	51.7	290.4	8,600	60,000 *	60.0	297.6	900	73,500				120
125	42.9	278.3	12,400	48,900 *	48.8	286.2	7,700	55,700 *	57.4	294.5	400	69,900				125
130	39.5	272.5	11,400	45,900 *	45.7	281.5	6,900	51,900 *	54.7	291.1		65,300 *				130
135	35.9	265.9	10,400	43,100 *	42.5	276.2	6,100	48,600 *	51.9	287.3		60,400 *				135
140	31.9	258.3	9,500	40,600 *	39.1	270.3	5,400	45,500 *	49.1	283.1		56,100 *	57.5	289.7	55,700	140
145	27.3	249.3	8,600	38,200 *	35.5	263.6	4,700	42,800 *	46.1	278.4		52,300 *	54.8	286.3	53,200	145
150	21.9	238.1	7,800	36,100 *	31.4	255.9	4,100	40,300 *	42.9	273.2		48,900 *	52.0	282.5	51,000	150
155	14.7	222.5	7,000	34,200 *	26.8	246.7	3,500	38,000 *	39.5	267.4		45,900 *	49.1	278.3	48,900	155
160					21.2	235.1	2,900	35,900 *	35.8	260.8		43,100 *	46.1	273.6	46,900	160
165					13.6	218.6	2,300	34,000 *	31.8	253.1		40,600 *	43.0	268.5	45,100	165
170									27.3	244.1		38,300 *	39.6	262.6	43,400	170
175									21.8	232.9		36,100 *	35.9	256.1	41,700	175
180									14.6	217.1		34,200 *	31.9	248.5	40,200	180
190													22.0	228.3	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
 55,000 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	Luffing Jib Capacity Pounds	
80	69.1	321.1	27,500	97,000 *												80
85	66.9	319.0	24,800	93,500 *												85
90	64.7	316.7	22,500	84,500 *												90
95	62.4	314.2	20,500	76,900 *	66.7	317.3	13,700	92,400 *								95
100	60.0	311.4	18,700	70,500 *	64.4	315.0	12,300	83,600 *								100
105	57.6	308.3	17,000	64,900 *	62.1	312.4	11,000	76,200 *								105
110	55.1	304.9	15,600	60,000 *	59.8	309.5	9,900	69,800 *								110
115	52.6	301.2	14,200	55,700 *	57.3	306.4	8,900	64,300 *								115
120	50.0	297.1	13,000	51,900 *	54.9	303.0	7,900	59,500 *	62.3	309.1	100	72,900				120
125	47.2	292.6	11,900	48,500 *	52.3	299.2	7,100	55,300 *	60.0	306.3		69,300				125
130	44.3	287.6	10,800	45,400 *	49.6	295.1	6,300	51,500 *	57.6	303.2		64,900 *				130
135	41.3	282.1	9,900	42,600 *	46.9	290.6	5,500	48,100 *	55.1	299.8		60,000 *				135
140	38.0	276.0	9,000	40,100 *	44.0	285.5	4,800	45,100 *	52.6	296.1		55,700 *				140
145	34.5	269.0	8,200	37,800 *	40.9	280.0	4,200	42,300 *	49.9	292.0		51,900 *	57.6	298.4	52,600	145
150	30.7	261.0	7,400	35,700 *	37.6	273.7	3,500	39,800 *	47.2	287.5		48,500 *	55.2	295.0	50,400	150
155	26.3	251.6	6,600	33,700 *	34.1	266.7	3,000	37,500 *	44.3	282.5		45,400 *	52.6	291.3	48,300	155
160	21.1	240.0	5,900	31,900 *	30.2	258.6	2,400	35,500 *	41.2	277.0		42,600 *	50.0	287.2	46,300	160
165	14.1	223.7	5,200	30,200 *	25.8	248.9	1,900	33,500 *	38.0	270.8		40,100 *	47.2	282.7	44,500	165
170					20.4	236.9	1,300	31,700 *	34.5	263.9		37,800 *	44.3	277.7	42,800	170
175					13.1	219.8	800	30,100 *	30.6	255.9		35,700 *	41.3	272.3	41,200	175
180									26.2	246.4		33,700 *	38.1	266.1	39,700	180
190									14.0	218.3		30,200 *	30.7	251.2	35,800 *	190
200													21.2	230.2	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	70.6	331.8	26,900	93,000 *											80
85	68.5	329.9	24,200	90,300 *											85
90	66.5	327.7	21,900	85,400 *											90
95	64.4	325.4	19,900	77,700 *											95
100	62.2	322.8	18,100	71,100 *	66.2	326.0	11,700	84,400 *							100
105	60.0	320.0	16,500	65,500 *	64.1	323.6	10,400	76,900 *							105
110	57.8	316.9	15,000	60,500 *	62.0	321.0	9,300	70,500 *							110
115	55.5	313.6	13,700	56,200 *	59.8	318.2	8,300	64,900 *							115
120	53.1	309.9	12,400	52,300 *	57.5	315.1	7,300	60,000 *							120
125	50.7	305.9	11,300	48,800 *	55.2	311.7	6,500	55,700 *	62.2	317.8	68,800				125
130	48.1	301.6	10,300	45,700 *	52.8	308.0	5,700	51,900 *	60.0	314.9	65,400 *				130
135	45.5	296.8	9,300	42,900 *	50.4	304.0	4,900	48,500 *	57.7	311.9	60,500 *				135
140	42.7	291.6	8,500	40,300 *	47.8	299.6	4,200	45,400 *	55.4	308.5	56,100 *				140
145	39.8	285.8	7,600	38,000 *	45.2	294.7	3,600	42,600 *	53.1	304.8	52,300 *				145
150	36.7	279.3	6,900	35,900 *	42.4	289.4	3,000	40,100 *	50.6	300.8	48,800 *	57.8	307.1	49,900	150
155	33.3	272.0	6,100	33,900 *	39.5	283.6	2,400	37,800 *	48.1	296.5	45,700 *	55.5	303.7	47,800	155
160	29.6	263.7	5,400	32,100 *	36.3	277.0	1,900	35,600 *	45.5	291.7	42,900 *	53.1	300.0	45,800	160
165	25.4	253.9	4,800	30,400 *	32.9	269.6	1,400	33,700 *	42.7	286.4	40,300 *	50.7	296.1	44,000	165
170	20.4	241.7	4,100	28,800 *	29.1	261.2	900	31,900 *	39.8	280.6	38,000 *	48.2	291.7	42,300	170
175	13.6	224.9	3,500	27,100 *	24.9	251.1	400	30,200 *	36.6	274.2	35,900 *	45.5	286.9	40,700	175
180					19.7	238.6		28,700 *	33.3	266.9	33,900 *	42.8	281.7	39,200	180
190									25.3	248.7	30,400 *	36.7	269.4	35,900 *	190
200									13.5	219.5	27,400 *	29.6	253.9	32,200 *	200
210												20.4	231.9	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	69.9	340.6	23,600	83,400 *											85
90	68.0	338.6	21,300	80,900 *											90
95	66.1	336.5	19,300	78,100 *											95
100	64.1	334.1	17,500	71,400 *	67.8	336.9	11,000	80,300 *							100
105	62.1	331.5	15,900	65,600 *	65.8	334.7	9,700	77,300 *							105
110	60.0	328.7	14,400	60,600 *	63.9	332.3	8,600	70,700 *							110
115	57.9	325.6	13,100	56,100 *	61.8	329.7	7,600	65,000 *							115
120	55.8	322.3	11,800	52,200 *	59.8	326.9	6,700	60,000 *							120
125	53.6	318.7	10,700	48,700 *	57.7	323.8	5,800	55,700 *							125
130	51.3	314.8	9,700	45,500 *	55.5	320.4	5,000	51,800 *	62.0	326.4	64,900				130
135	48.9	310.5	8,800	42,700 *	53.3	316.8	4,300	48,300 *	60.0	323.6	60,500 *				135
140	46.5	305.9	7,900	40,100 *	51.0	312.8	3,600	45,200 *	57.9	320.5	56,100 *				140
145	44.0	300.9	7,100	37,700 *	48.7	308.5	3,000	42,400 *	55.7	317.2	52,200 *				145
150	41.3	295.3	6,300	35,600 *	46.2	303.9	2,400	39,800 *	53.5	313.6	48,700 *				150
155	38.5	289.3	5,600	33,600 *	43.7	298.8	1,800	37,500 *	51.3	309.7	45,500 *	57.9	315.7	47,200	155
160	35.5	282.5	4,900	31,700 *	41.0	293.2	1,300	35,300 *	48.9	305.4	42,700 *	55.8	312.4	45,200	160
165	32.2	274.9	4,300	30,000 *	38.1	287.0	800	33,400 *	46.5	300.8	40,100 *	53.6	308.8	43,400	165
170	28.6	266.2	3,700	28,500 *	35.1	280.2	300	31,500 *	43.9	295.8	37,700 *	51.3	304.9	41,700	170
175	24.6	256.0	3,100	27,000 *	31.8	272.5		29,900 *	41.2	290.2	35,600 *	49.0	300.6	40,100	175
180	19.7	243.5	2,500	25,600 *	28.2	263.7		28,300 *	38.4	284.1	33,600 *	46.5	296.0	38,600	180
190					19.1	240.3		25,500 *	32.2	269.8	30,000 *	41.3	285.5	35,600 *	190
200									24.5	250.8	27,000 *	35.5	272.7	31,800 *	200
210									13.1	220.6	24,300 *	28.7	256.4	28,500 *	210
220												19.8	233.7	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	69.4	349.4	21,000	76,200 *											90
95	67.6	347.4	18,900	74,000 *											95
100	65.7	345.2	17,100	71,100 *											100
105	63.9	342.8	15,500	65,300 *	67.4	345.7	9,400	73,300 *							105
110	62.0	340.2	14,000	60,300 *	65.5	343.4	8,200	70,400 *							110
115	60.0	337.3	12,700	55,800 *	63.6	341.0	7,200	64,700 *							115
120	58.0	334.3	11,500	51,900 *	61.7	338.4	6,300	59,700 *							120
125	56.0	331.0	10,400	48,400 *	59.8	335.5	5,400	55,400 *							125
130	54.0	327.4	9,400	45,200 *	57.8	332.4	4,700	51,500 *							130
135	51.8	323.6	8,400	42,400 *	55.8	329.1	3,900	48,000 *	61.9	335.1	60,200 *				135
140	49.6	319.4	7,600	39,800 *	53.7	325.5	3,300	44,900 *	60.0	332.3	55,800 *				140
145	47.4	314.9	6,800	37,400 *	51.6	321.7	2,600	42,100 *	58.0	329.2	51,900 *				145
150	45.0	310.1	6,000	35,300 *	49.4	317.5	2,000	39,500 *	56.0	325.9	48,400 *				150
155	42.6	304.8	5,300	33,300 *	47.1	312.9	1,500	37,200 *	53.9	322.3	45,200 *				155
160	40.0	299.0	4,600	31,400 *	44.7	308.0	1,000	35,000 *	51.8	318.5	42,400 *				160
165	37.3	292.6	4,000	29,700 *	42.3	302.7	500	33,100 *	49.6	314.3	39,800 *	56.0	321.1	43,100	165
170	34.4	285.6	3,400	28,200 *	39.7	296.8		31,200 *	47.3	309.8	37,400 *	54.0	317.5	41,400	170
175	31.2	277.7	2,900	26,700 *	36.9	290.4		29,600 *	45.0	305.0	35,300 *	51.9	313.7	39,900	175
180	27.7	268.7	2,300	25,300 *	34.0	283.3		28,000 *	42.5	299.7	33,300 *	49.7	309.6	38,400	180
190	19.1	245.1	1,300	22,800 *	27.3	266.1		25,200 *	37.2	287.5	29,700 *	45.0	300.2	35,300 *	190
200					18.5	241.9		22,700 *	31.2	272.5	26,700 *	40.0	289.1	31,500 *	200
210									23.7	252.9	24,100 *	34.4	275.8	28,200 *	210
220									12.7	221.7	21,700 *	27.8	258.9	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	70.6	360.1	20,300	71,500 *											90
95	68.9	358.2	18,300	68,900 *											95
100	67.2	356.1	16,500	66,200 *											100
105	65.4	353.9	14,900	63,500 *											105
110	63.6	351.4	13,400	59,700 *	67.0	354.4	7,600	65,600 *							110
115	61.8	348.8	12,100	55,300 *	65.2	352.1	6,600	63,100 *							115
120	60.0	346.0	10,900	51,400 *	63.4	349.7	5,600	59,200 *							120
125	58.2	343.0	9,800	47,800 *	61.6	347.0	4,800	54,800 *							125
130	56.3	339.7	8,800	44,700 *	59.8	344.2	4,000	50,900 *							130
135	54.3	336.2	7,900	41,800 *	57.9	341.1	3,300	47,500 *							135
140	52.3	332.4	7,000	39,200 *	56.0	337.8	2,600	44,400 *	61.8	343.8	55,300 *				140
145	50.3	328.3	6,200	36,900 *	54.1	334.3	2,000	41,500 *	60.0	340.9	51,300 *				145
150	48.1	323.9	5,400	34,700 *	52.1	330.5	1,400	39,000 *	58.1	337.9	47,800 *				150
155	46.0	319.2	4,700	32,700 *	50.0	326.4	900	36,600 *	56.2	334.6	44,700 *				155
160	43.7	314.1	4,100	30,900 *	47.9	321.9	400	34,500 *	54.3	331.1	41,800 *				160
165	41.3	308.6	3,500	29,200 *	45.7	317.2		32,500 *	52.3	327.3	39,200 *				165
170	38.8	302.5	2,900	27,600 *	43.4	312.0		30,700 *	50.2	323.2	36,900 *	56.3	329.8	40,900	170
175	36.2	295.9	2,300	26,200 *	41.0	306.4		29,000 *	48.1	318.8	34,700 *	54.3	326.3	39,300	175
180	33.3	288.6	1,800	24,800 *	38.5	300.3		27,500 *	45.9	314.1	32,700 *	52.3	322.5	37,800	180
190	26.9	271.1	800	22,300 *	33.0	286.2		24,700 *	41.3	303.5	29,200 *	48.2	314.1	34,800 *	190
200	18.5	246.7		20,100 *	26.5	268.5		22,200 *	36.1	290.8	26,200 *	43.7	304.2	31,000 *	200
210					17.9	243.5		20,000 *	30.2	275.3	23,500 *	38.8	292.7	27,700 *	210
220									23.0	255.0	21,200 *	33.4	278.8	24,900 *	220
230									12.3	222.8	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	70.0	368.9	17,700	64,400 *											95
100	68.4	366.9	15,900	62,000 *											100
105	66.8	364.8	14,300	59,500 *											105
110	65.1	362.6	12,900	56,900 *											110
115	63.5	360.1	11,600	54,400 *	66.6	363.1	6,000	58,900 *							115
120	61.7	357.5	10,400	50,900 *	64.9	360.8	5,100	56,500 *							120
125	60.0	354.7	9,300	47,300 *	63.3	358.4	4,200	54,100 *							125
130	58.3	351.6	8,200	44,200 *	61.6	355.7	3,400	50,500 *							130
135	56.5	348.4	7,300	41,300 *	59.8	352.8	2,700	47,000 *							135
140	54.6	344.9	6,500	38,700 *	58.0	349.8	2,100	43,900 *							140
145	52.7	341.2	5,700	36,400 *	56.2	346.5	1,400	41,000 *	61.7	352.4	50,900 *				145
150	50.8	337.2	4,900	34,200 *	54.4	343.0	900	38,500 *	60.0	349.6	47,300 *				150
155	48.8	332.9	4,200	32,200 *	52.5	339.2	300	36,100 *	58.2	346.5	44,200 *				155
160	46.8	328.3	3,600	30,400 *	50.6	335.2		34,000 *	56.4	343.3	41,300 *				160
165	44.7	323.3	2,900	28,700 *	48.6	330.9		32,000 *	54.6	339.8	38,700 *				165
170	42.4	318.0	2,400	27,100 *	46.5	326.3		30,200 *	52.7	336.1	36,400 *				170
175	40.1	312.2	1,800	25,700 *	44.4	321.3		28,500 *	50.8	332.1	34,200 *	56.5	338.5	38,800	175
180	37.7	306.0	1,300	24,300 *	42.2	315.9		27,000 *	48.8	327.8	32,200 *	54.6	335.0	37,300	180
190	32.4	291.5	300	21,800 *	37.4	303.7		24,200 *	44.6	318.2	28,700 *	50.8	327.3	34,300 *	190
200	26.2	273.4		19,600 *	32.1	289.1		21,700 *	40.1	307.1	25,700 *	46.8	318.4	30,500 *	200
210	18.0	248.3		17,700 *	25.8	270.7		19,500 *	35.1	294.0	23,000 *	42.5	308.1	27,200 *	210
220					17.4	245.0		17,600 *	29.4	277.9	20,700 *	37.8	296.1	24,400 *	220
230									22.4	256.9	18,600 *	32.5	281.7	21,900 *	230
240									12.0	223.8	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	69.6	377.7	15,300	55,600 *											100
105	68.0	375.7	13,700	53,300 *											105
110	66.5	373.6	12,300	50,900 *											110
115	64.9	371.3	11,000	48,500 *	67.8	374.0	5,300	52,700 *							115
120	63.3	368.8	9,800	46,200 *	66.3	371.8	4,400	50,500 *							120
125	61.7	366.2	8,700	44,000 *	64.7	369.5	3,600	48,200 *							125
130	60.0	363.3	7,600	41,800 *	63.1	367.0	2,800	45,900 *							130
135	58.3	360.3	6,700	39,800 *	61.5	364.4	2,100	43,800 *							135
140	56.6	357.1	5,900	37,700 *	59.8	361.5	1,400	41,700 *							140
145	54.9	353.6	5,100	35,800 *	58.1	358.5	800	39,600 *							145
150	53.1	349.9	4,300	33,900 *	56.4	355.2	200	37,600 *	61.6	361.1	43,600 *				150
155	51.3	346.0	3,600	32,100 *	54.7	351.7		35,700 *	60.0	358.2	41,600 *				155
160	49.4	341.8	3,000	30,200 *	52.9	348.0		33,900 *	58.3	355.2	39,700 *				160
165	47.5	337.3	2,400	28,500 *	51.1	344.1		31,800 *	56.6	352.0	37,800 *				165
170	45.5	332.5	1,800	26,900 *	49.2	339.8		30,000 *	54.9	348.5	35,900 *				170
175	43.5	327.4	1,200	25,400 *	47.3	335.3		28,300 *	53.1	344.8	34,100 *				175
180	41.3	321.8	700	24,000 *	45.3	330.5		26,700 *	51.3	340.9	32,100 *	56.7	347.2	36,700	180
190	36.7	309.3		21,500 *	41.1	319.7		23,800 *	47.5	332.2	28,500 *	53.1	340.0	34,000 *	190
200	31.6	294.4		19,300 *	36.4	307.0		21,300 *	43.4	322.2	25,400 *	49.4	331.9	30,300 *	200
210	25.5	275.7		17,300 *	31.3	291.9		19,100 *	39.0	310.7	22,700 *	45.5	322.6	26,900 *	210
220	17.6	249.8		15,300 *	25.1	273.0		17,200 *	34.2	297.0	20,300 *	41.3	311.9	24,000 *	220
230					17.0	246.5		15,300 *	28.6	280.4	18,300 *	36.8	299.4	21,500 *	230
240									21.8	258.9	16,400 *	31.6	284.5	19,300 *	240
250									11.6	224.8	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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
65	62.3	272.0	40,600 b	159,500 * b												65
70	57.6	269.0	36,600 b	136,900 * b												70
75	52.5	265.3	33,100 b	119,700 * b	62.8	270.6	23,600 b	143,100 b								75
80	47.1	260.9	30,100	106,100 *	58.0	267.6	21,400 b	132,200 b								80
85	41.1	255.6	27,400	95,100 *	53.0	264.1	19,500 b	121,100 * b								85
90	34.2	248.8	25,000	86,000 *	47.6	259.8	17,700	107,200 *								90
95	25.7	239.8	22,900	78,400 *	41.6	254.5	16,100	96,000 *	60.1	265.1	5,800 b	98,900 b				95
100	12.4	224.4	20,800	71,800 *	34.9	247.9	14,700	86,800 *	55.2	261.8	5,000 b	93,000 b				100
105					26.6	239.1	13,400	79,000 *	50.0	257.8	4,200	87,600				105
110					14.2	224.9	12,000	72,400 *	44.3	253.0	3,500	82,800				110
115									38.0	247.1	2,900	78,400	57.0	257.6	71,900 b	115
120									30.5	239.4	2,200	74,400	51.9	253.9	68,300	120
125									20.6	228.5	1,600	70,700	46.4	249.4	64,900	125
130													40.4	243.9	61,900	130
135													33.4	237.0	59,000	135
140													24.6	227.6	56,400	140
145													9.9	210.4	53,800	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
 55,000 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	Luffing Jib Capacity Pounds	
65	66.1	283.2	40,000 b	160,500 * b												65
70	62.1	280.6	36,000 b	137,700 * b												70
75	57.9	277.7	32,500 b	120,300 * b	66.4	281.8	22,900 b	142,500 b								75
80	53.5	274.1	29,500	106,600 *	62.4	279.3	20,700 b	131,600 b								80
85	48.8	270.0	26,900	95,500 *	58.3	276.3	18,800 b	121,800 * b								85
90	43.8	265.0	24,600	86,300 *	53.9	272.8	17,000	107,800 *								90
95	38.2	259.1	22,500	78,600 *	49.3	268.7	15,500	96,400 *								95
100	31.9	251.7	20,600	72,100 *	44.3	263.9	14,100	87,100 *	60.1	273.7	4,100 b	92,300 b				100
105	24.0	241.9	18,900	66,400 *	38.8	258.1	12,800	79,300 *	55.9	270.5	3,400	87,000				105
110	11.6	225.4	17,200	61,400 *	32.5	250.8	11,700	72,700 *	51.4	266.7	2,700	82,200				110
115					24.8	241.3	10,600	66,900 *	46.5	262.2	2,100	77,800				115
120					13.2	226.0	9,400	61,900 *	41.3	256.8	1,600	73,900	57.4	266.3	67,600	120
125									35.4	250.3	1,000	70,300	53.0	262.7	64,300	125
130									28.4	242.0	500	66,900	48.3	258.5	61,200	130
135									19.2	230.1		63,800	43.2	253.4	58,400	135
140													37.6	247.4	55,800	140
145													31.1	239.8	53,400	145
150													22.9	229.6	51,100	150
155													9.2	211.1	48,900	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
 55,000 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 Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	Jib Oper. Rad. Feet
65	68.9	294.1	39,500 b	151,900 *b												65
70	65.4	291.9	35,500 b	138,300 *b												70
75	61.8	289.3	32,000	120,800 *												75
80	58.1	286.3	29,100	107,000 *	65.7	290.5	20,100 b	131,100 b								80
85	54.2	282.9	26,500	95,800 *	62.2	287.9	18,200	121,700								85
90	50.2	278.9	24,200	86,600 *	58.5	285.0	16,500	108,100 *								90
95	45.8	274.2	22,200	78,800 *	54.6	281.6	15,000	96,800 *								95
100	41.1	268.8	20,300	72,200 *	50.6	277.6	13,600	87,400 *								100
105	35.9	262.4	18,700	66,500 *	46.2	273.1	12,400	79,500 *	60.1	282.4	2,800	86,500				105
110	29.9	254.4	17,200	61,600 *	41.6	267.7	11,300	72,800 *	56.3	279.2	2,200	81,700				110
115	22.5	243.9	15,700	57,200 *	36.4	261.4	10,200	67,100 *	52.4	275.5	1,600	77,400				115
120	10.9	226.3	14,300	53,300 *	30.5	253.6	9,300	62,000 *	48.2	271.2	1,000	73,500				120
125					23.3	243.4	8,300	57,600 *	43.7	266.3	500	69,900	57.7	275.0	63,800	125
130					12.4	227.0	7,400	53,700 *	38.8	260.4		66,600	53.8	271.5	60,800	130
135									33.3	253.3		63,500	49.7	267.4	58,000	135
140									26.7	244.3		59,500 *	45.3	262.7	55,400	140
145									18.1	231.7		55,400 *	40.6	257.2	53,000	145
150													35.3	250.6	50,800	150
155													29.2	242.4	48,700	155
160													21.6	231.5	46,700	160
165													8.6	211.8	44,800	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
 55,000 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	Luffing Jib Capacity Pounds	
70	68.0	302.8	34,800 b	133,700 *b												70
75	64.9	300.6	31,400	121,700 *												75
80	61.6	298.0	28,400	107,600 *												80
85	58.3	295.0	25,900	96,300 *	65.2	299.2	17,400	121,100								85
90	54.8	291.6	23,600	86,900 *	61.9	296.6	15,700	108,800 *								90
95	51.2	287.7	21,600	79,000 *	58.6	293.7	14,300	97,300 *								95
100	47.4	283.3	19,800	72,400 *	55.2	290.3	12,900	87,700 *								100
105	43.3	278.3	18,100	66,600 *	51.6	286.5	11,700	79,700 *								105
110	38.9	272.4	16,700	61,600 *	47.8	282.1	10,600	73,000 *	60.1	291.1	1,300	81,100				110
115	34.0	265.4	15,300	57,200 *	43.7	277.1	9,600	67,100 *	56.7	287.9	700	76,800				115
120	28.3	256.9	14,000	53,300 *	39.3	271.3	8,700	62,100 *	53.2	284.3	200	72,900				120
125	21.3	245.7	12,800	49,800 *	34.5	264.5	7,800	57,600 *	49.5	280.2		69,300				125
130	10.3	227.1	11,600	46,600 *	28.9	256.1	6,900	53,600 *	45.5	275.5		66,000	57.9	283.7	60,000	130
135					22.0	245.3	6,100	50,100 *	41.3	270.1		63,000	54.5	280.2	57,300	135
140					11.7	228.0	5,300	46,900 *	36.7	263.7		59,500 *	50.8	276.3	54,700	140
145									31.5	256.1		55,400 *	47.0	271.8	52,400	145
150									25.3	246.6		51,700 *	42.9	266.7	50,200	150
155									17.1	233.1		48,300 *	38.4	260.7	48,100	155
160													33.4	253.6	46,200	160
165													27.7	244.9	44,300	165
170													20.4	233.2	42,600	170
175													8.1	212.5	40,900	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	70.1	313.6	34,200 b	128,200 *b											70
75	67.3	311.6	30,800	123,700 *											75
80	64.4	309.3	27,800	110,000 *											80
85	61.5	306.6	25,300	98,400 *	67.6	310.1	16,700	120,600							85
90	58.5	303.7	23,000	88,800 *	64.7	307.9	15,100	111,300 *							90
95	55.3	300.3	21,000	80,800 *	61.8	305.3	13,600	99,400 *							95
100	52.1	296.6	19,200	73,900 *	58.7	302.3	12,300	89,700 *							100
105	48.7	292.3	17,600	68,000 *	55.6	299.0	11,100	81,500 *							105
110	45.0	287.5	16,100	62,900 *	52.4	295.3	10,000	74,500 *							110
115	41.2	282.0	14,800	58,400 *	49.0	291.1	9,000	68,600 *	60.1	299.7	76,200				115
120	37.0	275.7	13,600	54,400 *	45.4	286.4	8,100	63,400 *	57.0	296.6	72,300				120
125	32.3	268.3	12,400	50,900 *	41.6	281.0	7,200	58,800 *	53.8	293.0	68,800				125
130	27.0	259.3	11,400	47,700 *	37.4	274.7	6,400	54,800 *	50.5	289.1	65,500				130
135	20.3	247.5	10,300	44,800 *	32.8	267.4	5,700	51,200 *	47.0	284.6	62,500				135
140	9.7	227.9	9,300	41,600 *	27.5	258.6	5,000	48,000 *	43.3	279.5	59,700	55.0	288.9	54,200	140
145					21.0	247.1	4,300	45,000 *	39.3	273.7	56,500 *	51.7	285.1	51,800	145
150					11.2	229.0	3,600	42,400 *	34.9	266.9	52,800 *	48.3	280.8	49,600	150
155									29.9	258.8	49,400 *	44.6	276.0	47,600	155
160									24.1	248.7	46,300 *	40.7	270.4	45,700	160
165									16.2	234.5	43,500 *	36.5	264.0	43,900	165
170												31.8	256.5	42,200	170
175												26.3	247.2	40,600	175
180												19.4	234.9	39,100	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	69.3	322.4	30,100	114,100 *											75
80	66.7	320.3	27,200	110,200 *											80
85	64.1	317.9	24,600	98,900 *											85
90	61.4	315.3	22,400	89,200 *	67.0	318.9	14,300	110,500 *							90
95	58.6	312.3	20,400	81,000 *	64.3	316.5	12,900	99,900 *							95
100	55.7	309.0	18,600	74,000 *	61.6	313.9	11,600	90,000 *							100
105	52.8	305.3	17,000	68,100 *	58.9	311.0	10,400	81,700 *							105
110	49.7	301.2	15,600	62,900 *	56.0	307.7	9,300	74,700 *							110
115	46.4	296.6	14,200	58,300 *	53.0	304.1	8,300	68,600 *	62.8	311.2	75,600				115
120	43.0	291.5	13,000	54,300 *	50.0	300.0	7,400	63,300 *	60.1	308.4	71,700				120
125	39.3	285.6	11,900	50,700 *	46.7	295.5	6,600	58,700 *	57.3	305.3	68,200				125
130	35.3	278.9	10,900	47,500 *	43.3	290.4	5,800	54,600 *	54.4	301.8	64,900				130
135	30.9	271.1	9,900	44,500 *	39.7	284.6	5,100	51,000 *	51.3	297.9	61,900				135
140	25.8	261.6	9,000	41,900 *	35.7	278.0	4,400	47,800 *	48.2	293.6	59,200				140
145	19.4	249.2	8,100	39,500 *	31.3	270.2	3,800	44,800 *	44.9	288.7	56,400 *	55.4	297.7	51,200	145
150	9.3	228.7	7,200	36,800 *	26.3	260.9	3,200	42,100 *	41.3	283.3	52,600 *	52.4	293.9	49,000	150
155					20.0	248.9	2,600	39,700 *	37.5	277.1	49,200 *	49.3	289.8	47,000	155
160					10.7	229.9	1,900	37,500 *	33.3	269.9	46,100 *	46.1	285.1	45,100	160
165									28.6	261.3	43,300 *	42.6	279.9	43,300	165
170									23.0	250.7	40,800 *	38.9	274.0	41,600	170
175									15.5	235.9	38,500 *	34.9	267.2	40,100	175
180												30.4	259.2	38,600	180
190												18.5	236.5	35,800	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	71.0	333.0	29,800	106,900 *											75
80	68.6	331.2	26,900	103,500 *											80
85	66.2	329.0	24,300	98,900 *											85
90	63.8	326.6	22,100	89,100 *											90
95	61.3	324.0	20,100	80,900 *	66.4	327.6	12,500	99,900 *							95
100	58.7	321.0	18,300	73,900 *	64.0	325.2	11,200	90,000 *							100
105	56.1	317.7	16,700	68,000 *	61.5	322.6	10,100	81,600 *							105
110	53.4	314.1	15,300	62,800 *	58.9	319.6	9,000	74,600 *							110
115	50.5	310.1	14,000	58,200 *	56.3	316.4	8,000	68,500 *							115
120	47.6	305.7	12,800	54,100 *	53.6	312.8	7,100	63,200 *	62.6	319.8	71,500				120
125	44.5	300.8	11,700	50,500 *	50.8	308.9	6,300	58,600 *	60.1	317.0	67,900				125
130	41.2	295.3	10,700	47,300 *	47.9	304.5	5,600	54,500 *	57.5	313.9	64,700				130
135	37.7	289.1	9,700	44,400 *	44.8	299.6	4,900	50,900 *	54.8	310.5	61,700				135
140	33.9	282.0	8,900	41,800 *	41.5	294.2	4,200	47,600 *	52.0	306.7	58,900				140
145	29.6	273.7	8,000	39,400 *	38.0	288.1	3,600	44,700 *	49.2	302.5	56,300 *				145
150	24.7	263.8	7,200	37,100 *	34.3	281.1	3,000	42,000 *	46.2	297.9	52,500 *	55.8	306.4	48,800	150
155	18.6	250.8	6,500	35,100 *	30.1	272.9	2,400	39,600 *	43.0	292.7	49,000 *	53.0	302.7	46,700	155
160	8.9	229.4	5,700	32,800 *	25.2	263.1	1,900	37,400 *	39.6	286.9	46,000 *	50.2	298.7	44,900	160
165					19.2	250.6	1,400	35,300 *	36.0	280.3	43,200 *	47.3	294.2	43,100	165
170					10.2	230.7	800	33,400 *	32.0	272.7	40,600 *	44.1	289.2	41,400	170
175									27.4	263.8	38,300 *	40.9	283.7	39,900	175
180									22.1	252.6	36,200 *	37.3	277.4	38,400	180
190												29.1	261.8	35,700	190
200												17.8	238.1	33,200	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	70.2	341.9	26,200	96,800 *											80
85	68.0	339.9	23,700	93,900 *											85
90	65.8	337.7	21,500	88,700 *											90
95	63.5	335.3	19,500	80,500 *											95
100	61.2	332.6	17,700	73,500 *	66.0	336.3	10,500	89,500 *							100
105	58.8	329.7	16,100	67,500 *	63.7	333.9	9,400	81,200 *							105
110	56.4	326.4	14,700	62,300 *	61.4	331.2	8,300	74,100 *							110
115	53.8	322.9	13,400	57,700 *	59.0	328.3	7,400	68,100 *							115
120	51.3	319.0	12,200	53,700 *	56.6	325.1	6,500	62,800 *							120
125	48.6	314.7	11,100	50,100 *	54.1	321.6	5,700	58,200 *	62.4	328.5	67,300				125
130	45.7	309.9	10,100	46,800 *	51.5	317.7	4,900	54,100 *	60.1	325.7	64,100				130
135	42.8	304.7	9,200	43,900 *	48.8	313.5	4,200	50,400 *	57.7	322.6	61,100				135
140	39.6	298.9	8,300	41,300 *	46.0	308.8	3,600	47,200 *	55.2	319.2	58,300				140
145	36.3	292.4	7,500	38,900 *	43.1	303.6	3,000	44,200 *	52.6	315.5	55,800				145
150	32.6	284.9	6,700	36,700 *	39.9	297.8	2,400	41,500 *	50.0	311.4	52,000 *				150
155	28.5	276.3	6,000	34,700 *	36.6	291.4	1,900	39,100 *	47.3	307.0	48,600 *	56.1	315.1	46,100	155
160	23.8	265.9	5,300	32,800 *	33.0	284.0	1,300	36,900 *	44.4	302.0	45,500 *	53.6	311.5	44,200	160
165	17.9	252.3	4,700	31,000 *	28.9	275.5	900	34,800 *	41.3	296.5	42,700 *	51.0	307.5	42,500	165
170	8.6	230.1	3,900	29,100 *	24.3	265.3	400	33,000 *	38.1	290.4	40,200 *	48.3	303.2	40,800	170
175					18.5	252.2		31,200 *	34.6	283.5	37,900 *	45.4	298.4	39,300	175
180					9.8	231.5		29,600 *	30.8	275.5	35,800 *	42.4	293.1	37,800	180
190									21.2	254.5	32,000 *	35.9	280.6	35,100	190
200												28.0	264.3	32,700	200
210												17.1	239.6	30,500	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	69.5	350.7	23,100	88,700 *											85
90	67.5	348.7	20,900	86,200 *											90
95	65.4	346.4	18,900	82,300 *											95
100	63.3	344.0	17,100	75,000 *	67.7	347.2	9,900	86,000 *							100
105	61.1	341.3	15,500	68,800 *	65.6	345.0	8,700	83,000 *							105
110	58.9	338.3	14,100	63,500 *	63.5	342.6	7,700	75,700 *							110
115	56.6	335.1	12,800	58,700 *	61.3	339.9	6,700	69,400 *							115
120	54.3	331.6	11,600	54,600 *	59.1	337.0	5,900	63,900 *							120
125	51.9	327.8	10,500	50,900 *	56.8	333.8	5,000	59,200 *							125
130	49.4	323.6	9,600	47,500 *	54.5	330.3	4,300	55,000 *	62.3	337.2	63,500				130
135	46.8	319.0	8,600	44,600 *	52.1	326.5	3,600	51,200 *	60.1	334.4	60,600				135
140	44.1	314.0	7,800	41,800 *	49.6	322.4	3,000	47,800 *	57.8	331.3	57,800				140
145	41.2	308.5	7,000	39,400 *	47.0	317.8	2,400	44,800 *	55.5	327.9	55,300				145
150	38.2	302.4	6,200	37,100 *	44.3	312.9	1,800	42,100 *	53.2	324.3	52,800 *				150
155	35.0	295.5	5,500	35,000 *	41.5	307.4	1,300	39,600 *	50.7	320.3	49,300 *				155
160	31.5	287.8	4,900	33,100 *	38.5	301.3	800	37,300 *	48.2	316.0	46,100 *	56.4	323.8	43,700	160
165	27.5	278.7	4,200	31,400 *	35.3	294.6	300	35,200 *	45.5	311.2	43,300 *	54.0	320.2	42,000	165
170	22.9	267.9	3,600	29,700 *	31.8	286.9		33,300 *	42.8	305.9	40,700 *	51.6	316.4	40,300	170
175	17.3	253.8	3,000	28,200 *	27.9	278.0		31,500 *	39.9	300.2	38,300 *	49.1	312.1	38,800	175
180	8.3	230.8	2,400	25,200 *	23.4	267.3		29,900 *	36.7	293.7	36,200 *	46.5	307.5	37,300	180
190					9.5	232.3		26,400 *	29.7	278.2	32,300 *	40.9	296.9	34,700	190
200									20.5	256.3	29,000 *	34.6	283.8	32,300	200
210												27.1	266.7	30,100	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	70.9	361.3	22,400	83,000 *											85
90	69.0	359.5	20,200	80,700 *											90
95	67.0	357.4	18,200	78,500 *											95
100	65.1	355.1	16,500	74,500 *											100
105	63.1	352.6	14,900	68,300 *	67.2	356.0	8,000	78,300 *							105
110	61.0	349.9	13,500	62,900 *	65.2	353.7	7,000	75,200 *							110
115	58.9	347.0	12,200	58,200 *	63.2	351.2	6,000	68,900 *							115
120	56.8	343.8	11,000	54,000 *	61.2	348.6	5,200	63,400 *							120
125	54.6	340.3	9,900	50,300 *	59.1	345.6	4,400	58,600 *							125
130	52.4	336.6	8,900	47,000 *	57.0	342.5	3,600	54,400 *							130
135	50.1	332.5	8,000	44,000 *	54.9	339.0	3,000	50,700 *	62.1	345.8	60,000				135
140	47.7	328.1	7,200	41,300 *	52.6	335.3	2,300	47,300 *	60.1	343.0	57,300				140
145	45.2	323.2	6,400	38,800 *	50.3	331.3	1,700	44,300 *	58.0	340.0	54,700				145
150	42.6	318.0	5,700	36,600 *	47.9	326.9	1,200	41,600 *	55.8	336.6	52,300 *				150
155	39.9	312.2	5,000	34,500 *	45.4	322.1	700	39,100 *	53.6	333.0	48,800 *				155
160	37.0	305.7	4,300	32,600 *	42.9	316.8	200	36,800 *	51.3	329.1	45,600 *				160
165	33.8	298.6	3,700	30,900 *	40.1	311.1		34,700 *	49.0	324.9	42,800 *	56.6	332.5	41,300	165
170	30.4	290.5	3,100	29,200 *	37.2	304.7		32,800 *	46.6	320.3	40,200 *	54.4	329.0	39,700	170
175	26.6	281.1	2,600	27,700 *	34.1	297.6		31,000 *	44.0	315.3	37,800 *	52.2	325.2	38,200	175
180	22.2	269.8	2,000	26,300 *	30.7	289.6		29,400 *	41.3	309.7	35,600 *	49.8	321.0	36,700	180
190	8.0	231.5	900	22,300 *	22.6	269.3		26,400 *	35.5	296.9	31,800 *	44.9	311.7	34,100	190
200					9.1	233.1		23,400 *	28.7	280.7	28,500 *	39.6	300.5	31,700	200
210									19.8	258.0	25,700 *	33.5	286.8	29,500	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	70.3	370.2	19,800	76,000 *											90
95	68.5	368.2	17,900	73,900 *											95
100	66.6	366.1	16,100	71,700 *											100
105	64.8	363.8	14,500	68,000 *											105
110	62.9	361.3	13,100	62,600 *	66.8	364.7	6,600	71,500 *							110
115	61.0	358.6	11,800	57,900 *	64.9	362.4	5,700	68,600 *							115
120	59.0	355.7	10,700	53,800 *	63.1	359.9	4,800	63,100 *							120
125	57.0	352.5	9,600	50,000 *	61.1	357.2	4,000	58,400 *							125
130	55.0	349.1	8,600	46,700 *	59.2	354.3	3,300	54,100 *							130
135	52.9	345.4	7,700	43,700 *	57.2	351.2	2,600	50,400 *							135
140	50.7	341.4	6,900	41,000 *	55.2	347.7	2,000	47,000 *	62.0	354.5	57,000				140
145	48.5	337.0	6,100	38,500 *	53.1	344.1	1,400	44,000 *	60.1	351.7	54,400				145
150	46.2	332.4	5,300	36,300 *	50.9	340.1	900	41,300 *	58.1	348.6	52,000 *				150
155	43.8	327.3	4,700	34,200 *	48.7	335.8	300	38,800 *	56.1	345.3	48,500 *				155
160	41.3	321.7	4,000	32,300 *	46.4	331.2		36,500 *	54.0	341.8	45,300 *				160
165	38.6	315.7	3,400	30,500 *	44.0	326.1		34,400 *	51.9	338.0	42,500 *				165
170	35.8	309.0	2,800	28,900 *	41.5	320.6		32,500 *	49.7	333.8	39,900 *	56.8	341.1	39,400	170
175	32.8	301.5	2,300	27,400 *	38.9	314.6		30,700 *	47.4	329.3	37,500 *	54.7	337.7	37,900	175
180	29.5	293.1	1,800	26,000 *	36.1	308.0		29,100 *	45.1	324.5	35,300 *	52.6	333.9	36,500	180
190	21.5	271.7	800	23,400 *	29.8	292.3		26,100 *	40.0	313.4	31,500 *	48.2	325.6	33,800	190
200	7.7	232.1		19,800 *	21.9	271.3		23,500 *	34.4	300.0	28,200 *	43.5	315.7	31,400	200
210					8.9	233.9		20,900 *	27.8	283.2	25,400 *	38.3	304.0	29,300	210
220									19.2	259.7	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	69.7	379.0	17,200	69,200 *											95
100	68.0	377.0	15,500	66,700 *											100
105	66.3	374.8	13,900	64,200 *											105
110	64.5	372.5	12,500	61,700 *											110
115	62.7	370.0	11,200	57,400 *	66.4	373.4	5,000	64,000 *							115
120	60.9	367.3	10,100	53,200 *	64.7	371.1	4,100	61,700 *							120
125	59.1	364.3	9,000	49,500 *	62.9	368.6	3,300	57,800 *							125
130	57.2	361.2	8,000	46,200 *	61.1	365.9	2,600	53,600 *							130
135	55.3	357.8	7,100	43,200 *	59.2	363.0	1,900	49,900 *							135
140	53.3	354.1	6,300	40,500 *	57.4	359.8	1,300	46,500 *							140
145	51.3	350.2	5,500	38,000 *	55.4	356.5	800	43,500 *	61.9	363.2	53,900				145
150	49.2	346.0	4,800	35,800 *	53.5	352.8	200	40,700 *	60.1	360.3	51,500 *				150
155	47.0	341.4	4,100	33,700 *	51.5	348.9		38,200 *	58.2	357.3	48,000 *				155
160	44.8	336.5	3,400	31,800 *	49.4	344.7		36,000 *	56.3	354.0	44,800 *				160
165	42.5	331.2	2,800	30,000 *	47.2	340.2		33,900 *	54.3	350.5	41,900 *				165
170	40.0	325.4	2,300	28,400 *	45.0	335.3		32,000 *	52.4	346.7	39,300 *				170
175	37.5	319.1	1,700	26,900 *	42.7	330.1		30,200 *	50.3	342.7	37,000 *	57.0	349.8	37,300	175
180	34.8	312.1	1,200	25,500 *	40.3	324.3		28,500 *	48.2	338.3	34,800 *	55.0	346.4	35,900	180
190	28.6	295.7	300	22,900 *	35.0	311.2		25,600 *	43.7	328.5	31,000 *	51.0	338.8	33,200	190
200	20.9	273.5		20,600 *	28.9	294.9		23,000 *	38.9	317.0	27,700 *	46.8	329.9	30,900	200
210	7.5	232.8		17,400 *	21.3	273.1		20,700 *	33.4	303.0	24,900 *	42.2	319.6	28,800	210
220					8.6	234.6		18,400 *	27.0	285.6	22,400 *	37.2	307.4	26,800 *	220
230									18.6	261.3	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	70.8	389.6	16,600	64,400 *											95
100	69.2	387.8	14,900	62,300 *											100
105	67.6	385.7	13,300	60,000 *											105
110	65.9	383.6	11,900	57,600 *											110
115	64.3	381.2	10,700	55,200 *	67.7	384.3	4,400	59,700 *							115
120	62.6	378.6	9,500	52,700 *	66.1	382.1	3,500	57,600 *							120
125	60.9	375.9	8,400	49,000 *	64.4	379.8	2,700	55,300 *							125
130	59.1	373.0	7,500	45,700 *	62.7	377.3	2,000	53,000 *							130
135	57.3	369.8	6,600	42,700 *	61.0	374.5	1,400	49,400 *							135
140	55.5	366.5	5,700	40,000 *	59.3	371.6	800	46,000 *							140
145	53.7	362.9	4,900	37,500 *	57.5	368.5	200	43,000 *							145
150	51.8	359.0	4,200	35,300 *	55.7	365.2		40,200 *	61.8	371.8	51,000 *				150
155	49.8	354.9	3,600	33,200 *	53.8	361.6		37,700 *	60.1	369.0	47,500 *				155
160	47.8	350.4	2,900	31,300 *	51.9	357.7		35,500 *	58.3	366.0	44,300 *				160
165	45.7	345.7	2,300	29,500 *	50.0	353.6		33,400 *	56.5	362.7	41,400 *				165
170	43.5	340.5	1,800	27,900 *	48.0	349.2		31,500 *	54.7	359.2	38,800 *				170
175	41.3	335.0	1,200	26,400 *	45.9	344.5		29,700 *	52.8	355.5	36,500 *				175
180	38.9	328.9	700	25,000 *	43.7	339.4		28,000 *	50.8	351.5	34,300 *	57.1	358.5	35,400	180
190	33.8	315.2		22,400 *	39.1	327.9		25,100 *	46.8	342.7	30,500 *	53.5	351.5	32,800	190
200	27.8	298.1		20,100 *	34.0	314.2		22,500 *	42.5	332.4	27,200 *	49.6	343.4	30,400	200
210	20.3	275.3		18,100 *	28.1	297.4		20,300 *	37.8	320.4	24,400 *	45.5	334.1	28,300	210
220	7.3	233.4		15,200 *	20.7	275.0		18,200 *	32.5	306.0	21,900 *	41.0	323.4	26,300 *	220
230					8.4	235.3		16,200 *	26.3	287.9	19,700 *	36.2	310.6	23,500 *	230
240									18.1	262.9	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	70.3	398.4	14,300	56,000 *											100
105	68.8	396.5	12,700	53,800 *											105
110	67.2	394.5	11,300	51,600 *											110
115	65.7	392.3	10,000	49,300 *											115
120	64.1	389.9	8,900	47,000 *	67.4	393.0	2,800	51,500 *							120
125	62.5	387.3	7,800	44,900 *	65.8	390.8	2,100	49,400 *							125
130	60.8	384.6	6,800	42,700 *	64.2	388.5	1,300	47,200 *							130
135	59.2	381.6	5,900	40,700 *	62.6	385.9	700	45,000 *							135
140	57.5	378.5	5,100	38,700 *	61.0	383.2	100	43,000 *							140
145	55.7	375.2	4,300	36,700 *	59.3	380.3		40,900 *							145
150	54.0	371.6	3,600	34,900 *	57.6	377.2		38,900 *							150
155	52.2	367.8	3,000	33,000 *	55.9	373.9		37,000 *	61.7	380.5	43,400 *				155
160	50.3	363.7	2,300	31,100 *	54.2	370.3		35,200 *	60.0	377.7	41,500 *				160
165	48.4	359.4	1,700	29,300 *	52.4	366.5		33,200 *	58.4	374.6	39,600 *				165
170	46.5	354.7	1,200	27,600 *	50.5	362.5		31,300 *	56.7	371.4	37,700 *				170
175	44.5	349.8	700	26,100 *	48.6	358.2		29,500 *	54.9	368.0	35,900 *				175
180	42.4	344.4	200	24,600 *	46.7	353.6		27,800 *	53.2	364.3	34,200 *				180
190	37.9	332.4		22,100 *	42.6	343.3		24,800 *	49.5	356.2	30,300 *	55.6	363.8	32,200	190
200	32.9	318.1		19,800 *	38.1	331.4		22,200 *	45.6	346.9	26,900 *	52.0	356.4	29,800	200
210	27.1	300.5		17,700 *	33.1	317.2		19,900 *	41.4	336.2	24,000 *	48.2	347.9	27,700	210
220	19.8	277.1		15,800 *	27.4	299.8		17,800 *	36.8	323.7	21,500 *	44.2	338.2	25,800	220
230	7.1	234.0		13,300 *	20.2	276.7		16,000 *	31.6	308.8	19,300 *	39.9	327.0	23,200 *	230
240					8.1	236.0		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
 55,000 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	Luffing Jib Capacity Pounds		
65	64.6	293.1	39,000 b	173,200 * b												65	
70	59.9	290.4	35,100 b	147,100 * b												70	
75	55.0	287.0	31,700 b	127,500 * b	66.0	292.0	21,200 b	140,900 b								75	
80	49.8	283.0	28,800	112,300 *	61.3	289.5	19,100 b	130,100 b								80	
85	44.1	278.2	26,200	100,200 *	56.5	286.3	17,300 b	120,800 b								85	
90	37.7	272.2	24,000	90,200 *	51.4	282.5	15,700 b	112,700 b								90	
95	30.1	264.4	21,900	81,900 *	45.8	278.0	14,300	103,600 *								95	
100	20.1	253.2	20,000	74,900 *	39.7	272.3	13,000	93,000 *	60.3	284.5	2,000 b	90,500 b				100	
105					32.6	265.2	11,800	84,300 *	55.4	281.2	1,400 b	85,300 b				105	
110					23.5	255.4	10,600	76,900 *	50.2	277.3	900	80,600				110	
115					6.5	235.3	9,300	70,500 *	44.5	272.5	400	76,300				115	
120									38.2	266.6		72,400				120	
125									30.8	259.1		68,900	53.8	274.2	62,300 b	125	
130									21.0	248.3		65,600	48.5	270.0	59,400	130	
135													42.7	264.9	56,700	135	
140													36.1	258.6	54,100	140	
145													28.1	250.3	51,800	145	
150													16.9	237.6	49,500	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
 55,000 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	Luffing Jib Capacity Pounds	
65	68.0	304.1	38,400 b	163,700 * b												65
70	64.0	301.8	34,400 b	148,000 * b												70
75	59.9	299.0	31,100 b	128,200 * b												75
80	55.7	295.8	28,200	112,900 *	65.2	300.7	18,400 b	129,500 b								80
85	51.1	291.9	25,700	100,600 *	61.2	298.1	16,600 b	120,300 b								85
90	46.3	287.4	23,500	90,600 *	57.0	295.0	15,000	112,100								90
95	41.0	282.0	21,500	82,200 *	52.5	291.4	13,600	104,100 *								95
100	35.1	275.4	19,600	75,200 *	47.8	287.0	12,300	93,400 *								100
105	28.1	266.9	18,000	69,100 *	42.7	281.9	11,200	84,600 *	60.3	293.2	500 b	84,600 b				105
110	18.7	254.8	16,400	63,800 *	37.0	275.7	10,100	77,200 *	56.0	289.9		79,900				110
115					30.3	267.9	9,100	70,800 *	51.5	286.2		75,700				115
120					21.9	257.3	8,100	65,300 *	46.7	281.7		71,900				120
125					6.0	235.7	7,000	60,400 *	41.5	276.4		68,300				125
130									35.6	269.9		65,100	54.7	282.9	58,700	130
135									28.7	261.6		62,100	50.1	278.9	56,000	135
140									19.6	250.0		59,300	45.1	274.2	53,500	140
145													39.7	268.6	51,200	145
150													33.6	261.6	49,000	150
155													26.2	252.6	47,000	155
160													15.8	238.9	45,000	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	70.5	314.9	37,800 b	150,800 * b											65
70	67.1	312.8	33,900 b	144,900 * b											70
75	63.6	310.5	30,600 b	128,800 * b											75
80	59.9	307.7	27,700	113,300 *											80
85	56.2	304.5	25,200	101,000 *	64.7	309.4	16,000 b	119,800 b							85
90	52.2	300.7	23,000	90,900 *	61.0	306.8	14,400	111,700							90
95	48.0	296.4	21,100	82,400 *	57.3	303.7	13,000	104,400 *							95
100	43.5	291.4	19,300	75,300 *	53.4	300.1	11,800	93,700 *							100
105	38.5	285.5	17,700	69,200 *	49.3	296.0	10,700	84,800 *							105
110	33.0	278.4	16,200	63,900 *	44.9	291.2	9,600	77,400 *	60.2	301.8	79,400				110
115	26.4	269.3	14,900	59,300 *	40.1	285.6	8,700	71,000 *	56.5	298.6	75,200				115
120	17.6	256.4	13,600	55,200 *	34.7	278.9	7,800	65,500 *	52.5	295.0	71,400				120
125					28.5	270.5	6,900	60,600 *	48.3	290.7	67,900				125
130					20.6	259.1	6,100	56,400 *	43.9	285.8	64,700				130
135					5.6	236.1	5,200	52,500 *	39.0	279.9	61,700	55.3	291.6	55,500	135
140									33.5	272.9	59,000	51.3	287.8	53,000	140
145									27.0	264.0	56,400	47.0	283.3	50,700	145
150									18.4	251.6	54,000	42.4	278.1	48,600	150
155												37.3	272.0	46,600	155
160												31.6	264.4	44,700	160
165												24.6	254.8	43,000	165
170												14.8	240.2	41,300	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	69.5	323.7	33,200 b	132,800 *b											70
75	66.4	321.6	29,900 b	127,900 *b											75
80	63.2	319.1	27,100	114,100 *											80
85	59.9	316.3	24,600	101,500 *	67.4	320.4	15,200 b	119,200 b							85
90	56.6	313.2	22,400	91,300 *	64.2	318.1	13,600	111,100							90
95	53.0	309.5	20,400	82,700 *	60.9	315.4	12,300	104,000							95
100	49.3	305.4	18,700	75,500 *	57.6	312.4	11,000	94,200 *							100
105	45.4	300.7	17,100	69,300 *	54.1	308.9	9,900	85,100 *							105
110	41.1	295.2	15,700	64,000 *	50.4	304.9	8,900	77,600 *							110
115	36.5	288.8	14,400	59,300 *	46.6	300.4	8,000	71,100 *	60.2	310.5	74,600				115
120	31.2	281.2	13,200	55,100 *	42.4	295.1	7,100	65,500 *	56.8	307.3	70,700				120
125	25.0	271.5	12,000	51,400 *	37.9	289.1	6,300	60,600 *	53.3	303.7	67,300				125
130	16.6	257.8	10,900	48,100 *	32.9	281.8	5,600	56,300 *	49.6	299.7	64,100				130
135					27.0	272.9	4,900	52,500 *	45.7	295.0	61,100				135
140					19.5	260.8	4,100	49,100 *	41.5	289.6	58,400	55.8	300.3	52,300	140
145					5.3	236.5	3,300	46,000 *	36.9	283.3	55,900	52.2	296.6	50,000	145
150									31.7	275.7	53,600	48.4	292.3	47,900	150
155									25.5	266.3	51,300	44.4	287.5	46,000	155
160									17.4	253.1	48,400 *	40.1	281.8	44,100	160
165												35.3	275.2	42,400	165
170												29.9	267.1	40,700	170
175												23.3	256.8	39,200	175
180												14.0	241.4	37,700	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	68.7	332.4	29,300	122,500 *											75
80	65.8	330.3	26,400	116,700 *											80
85	62.9	327.8	24,000	103,800 *											85
90	60.0	325.0	21,800	93,300 *	66.7	329.2	13,000	110,600							90
95	56.9	321.9	19,800	84,500 *	63.8	326.8	11,600	103,400							95
100	53.7	318.3	18,100	77,100 *	60.9	324.1	10,400	96,200 *							100
105	50.3	314.3	16,600	70,800 *	57.8	321.0	9,300	87,000 *							105
110	46.8	309.8	15,200	65,300 *	54.6	317.6	8,300	79,200 *							110
115	43.1	304.7	13,900	60,500 *	51.4	313.8	7,400	72,600 *							115
120	39.1	298.8	12,700	56,300 *	47.9	309.4	6,500	66,900 *	60.2	319.1	70,200				120
125	34.7	292.0	11,600	52,600 *	44.2	304.5	5,800	61,900 *	57.1	316.0	66,700				125
130	29.7	283.8	10,600	49,200 *	40.3	298.8	5,000	57,500 *	53.9	312.5	63,600				130
135	23.8	273.6	9,600	46,100 *	36.0	292.3	4,400	53,600 *	50.6	308.5	60,600				135
140	15.8	259.1	8,600	43,400 *	31.3	284.6	3,700	50,200 *	47.1	304.1	57,900				140
145					25.7	275.1	3,100	47,000 *	43.4	299.0	55,400	56.2	309.0	49,500	145
150					18.5	262.4	2,500	44,200 *	39.4	293.2	53,100	52.9	305.4	47,400	150
155					5.0	236.9	1,700	40,600 *	35.0	286.5	50,900	49.6	301.3	45,400	155
160									30.1	278.4	48,900	46.0	296.6	43,600	160
165									24.3	268.4	46,400 *	42.2	291.3	41,900	165
170									16.6	254.5	43,600 *	38.1	285.3	40,300	170
175												33.6	278.2	38,700	175
180												28.4	269.7	37,300	180
190												13.3	242.5	34,600	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	70.5	343.1	28,600	112,600 *											75
80	68.0	341.2	25,800	109,200 *											80
85	65.4	339.0	23,300	104,400 *											85
90	62.7	336.5	21,100	93,700 *											90
95	60.0	333.7	19,200	84,800 *	66.2	337.9	10,800	102,900							95
100	57.1	330.5	17,500	77,300 *	63.5	335.5	9,600	96,600							100
105	54.2	327.0	15,900	70,900 *	60.8	332.8	8,600	87,300 *							105
110	51.2	323.1	14,500	65,300 *	58.0	329.7	7,600	79,400 *							110
115	48.0	318.8	13,300	60,500 *	55.1	326.3	6,700	72,700 *							115
120	44.7	313.9	12,100	56,200 *	52.1	322.6	5,900	66,900 *	62.9	330.6	69,600				120
125	41.2	308.4	11,000	52,400 *	49.0	318.4	5,100	61,900 *	60.2	327.8	66,100				125
130	37.3	302.2	10,000	49,000 *	45.7	313.7	4,400	57,400 *	57.4	324.7	62,900				130
135	33.1	294.9	9,100	45,900 *	42.2	308.4	3,700	53,500 *	54.5	321.2	60,000				135
140	28.4	286.3	8,200	43,200 *	38.5	302.4	3,100	50,000 *	51.5	317.4	57,300				140
145	22.7	275.6	7,400	40,600 *	34.4	295.4	2,500	46,800 *	48.3	313.1	54,900				145
150	15.1	260.4	6,600	38,300 *	29.9	287.3	2,000	44,000 *	45.0	308.2	52,500	56.5	317.7	46,700	150
155					24.5	277.3	1,400	41,400 *	41.5	302.8	50,400	53.5	314.1	44,800	155
160					17.7	263.9	900	39,000 *	37.7	296.6	48,400	50.5	310.2	43,000	160
165					4.7	237.3	200	36,000 *	33.5	289.5	46,200 *	47.3	305.7	41,300	165
170									28.8	281.0	43,400 *	43.9	300.7	39,700	170
175									23.2	270.4	40,900 *	40.3	295.0	38,200	175
180									15.8	255.9	38,500 *	36.4	288.6	36,700	180
190												27.2	272.1	34,100	190
200												12.7	243.6	31,700	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	69.8	352.0	25,400	102,300 *											80
85	67.4	349.9	23,000	99,300 *											85
90	65.0	347.7	20,800	93,700 *											90
95	62.5	345.1	18,900	84,700 *											95
100	60.0	342.3	17,200	77,200 *	65.7	346.6	9,300	96,300							100
105	57.4	339.2	15,700	70,800 *	63.2	344.1	8,200	87,300 *							105
110	54.7	335.8	14,300	65,200 *	60.7	341.4	7,300	79,400 *							110
115	51.9	332.0	13,000	60,300 *	58.2	338.4	6,400	72,600 *							115
120	49.0	327.8	11,900	56,100 *	55.5	335.1	5,600	66,800 *							120
125	46.0	323.1	10,800	52,300 *	52.8	331.4	4,800	61,800 *	62.7	339.3	65,800				125
130	42.8	317.9	9,800	48,900 *	49.9	327.3	4,100	57,300 *	60.2	336.5	62,700				130
135	39.5	312.1	8,900	45,800 *	46.9	322.8	3,500	53,400 *	57.6	333.4	59,800				135
140	35.8	305.4	8,100	43,000 *	43.8	317.7	2,900	49,800 *	54.9	330.0	57,100				140
145	31.8	297.8	7,300	40,500 *	40.5	312.1	2,300	46,700 *	52.1	326.2	54,600				145
150	27.2	288.7	6,500	38,200 *	36.9	305.7	1,800	43,800 *	49.3	322.0	52,300				150
155	21.8	277.5	5,800	36,100 *	33.0	298.4	1,300	41,200 *	46.3	317.4	50,200	56.8	326.4	44,500	155
160	14.5	261.7	5,100	34,100 *	28.7	289.9	800	38,900 *	43.1	312.2	48,200	54.1	322.9	42,700	160
165					23.5	279.4	300	36,700 *	39.7	306.4	46,100 *	51.3	319.0	41,000	165
170					17.0	265.4		34,700 *	36.1	299.9	43,300 *	48.4	314.7	39,400	170
175					4.5	237.6		32,100 *	32.1	292.4	40,700 *	45.3	309.9	37,900	175
180									27.6	283.4	38,400 *	42.1	304.6	36,500	180
190									15.2	257.2	34,300 *	34.9	291.7	33,900	190
200												26.1	274.4	31,600	200
210												12.2	244.6	29,400	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	69.1	360.7	22,300	92,700 *											85
90	66.9	358.7	20,200	90,100 *											90
95	64.6	356.4	18,200	84,300 *											95
100	62.3	353.8	16,500	76,800 *	67.5	357.5	8,600	90,300 *							100
105	60.0	351.0	15,000	70,300 *	65.3	355.3	7,500	86,900 *							105
110	57.6	347.9	13,600	64,800 *	63.0	352.8	6,500	78,900 *							110
115	55.1	344.5	12,400	59,900 *	60.7	350.1	5,700	72,200 *							115
120	52.5	340.8	11,300	55,600 *	58.3	347.1	4,900	66,400 *							120
125	49.9	336.7	10,200	51,800 *	55.8	343.8	4,100	61,300 *							125
130	47.1	332.2	9,200	48,400 *	53.3	340.1	3,400	56,900 *	62.5	347.9	62,100				130
135	44.2	327.2	8,300	45,300 *	50.7	336.1	2,800	52,900 *	60.2	345.1	59,200				135
140	41.2	321.7	7,500	42,600 *	48.0	331.8	2,200	49,400 *	57.8	342.1	56,500				140
145	37.9	315.5	6,700	40,000 *	45.1	326.9	1,700	46,200 *	55.3	338.7	54,000				145
150	34.4	308.5	6,000	37,700 *	42.1	321.6	1,100	43,400 *	52.7	335.0	51,700				150
155	30.6	300.5	5,300	35,600 *	38.9	315.6	600	40,800 *	50.1	330.9	49,600				155
160	26.2	291.1	4,700	33,700 *	35.5	308.9	200	38,400 *	47.4	326.4	47,600	57.0	335.1	42,100	160
165	21.0	279.3	4,000	31,900 *	31.8	301.3		36,300 *	44.5	321.5	45,600 *	54.5	331.6	40,400	165
170	13.9	262.9	3,400	30,200 *	27.6	292.3		34,300 *	41.4	316.0	42,800 *	51.9	327.8	38,800	170
175					22.7	281.4		32,400 *	38.2	309.9	40,300 *	49.3	323.6	37,300	175
180					16.4	266.8		30,700 *	34.7	303.0	38,000 *	46.5	319.0	35,900	180
190									26.6	285.8	33,900 *	40.5	308.3	33,300	190
200									14.6	258.4	30,400 *	33.6	294.8	31,000	200
210												25.1	276.6	28,900	210
220												11.7	245.6	27,000	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	70.5	371.4	21,700	87,300 *											85
90	68.5	369.5	19,500	85,000 *											90
95	66.4	367.4	17,600	82,900 *											95
100	64.3	365.0	15,900	78,400 *											100
105	62.2	362.5	14,400	71,700 *	67.0	366.3	6,800	83,000 *							105
110	60.0	359.6	13,000	66,000 *	64.9	364.0	5,900	80,600 *							110
115	57.7	356.6	11,800	61,000 *	62.8	361.5	5,000	73,700 *							115
120	55.4	353.2	10,700	56,500 *	60.6	358.7	4,200	67,600 *							120
125	53.1	349.5	9,600	52,600 *	58.4	355.7	3,500	62,400 *							125
130	50.6	345.5	8,700	49,100 *	56.1	352.5	2,800	57,800 *							130
135	48.1	341.2	7,800	46,000 *	53.8	348.9	2,200	53,800 *	62.3	356.6	58,600				135
140	45.4	336.4	7,000	43,100 *	51.3	345.0	1,600	50,100 *	60.1	353.8	56,000				140
145	42.7	331.1	6,200	40,500 *	48.8	340.7	1,100	46,900 *	57.9	350.7	53,500				145
150	39.7	325.3	5,500	38,200 *	46.2	336.1	600	44,000 *	55.6	347.4	51,200				150
155	36.6	318.8	4,800	36,000 *	43.5	331.0	100	41,300 *	53.2	343.7	49,100				155
160	33.2	311.5	4,200	34,100 *	40.6	325.3		38,900 *	50.8	339.8	47,100				160
165	29.5	303.2	3,600	32,200 *	37.6	319.1		36,700 *	48.3	335.4	45,200	57.2	343.8	39,800	165
170	25.3	293.3	3,000	30,500 *	34.3	312.0		34,600 *	45.6	330.7	43,400 *	54.9	340.4	38,300	170
175	20.2	281.1	2,400	28,900 *	30.7	304.0		32,800 *	42.9	325.5	40,800 *	52.5	336.6	36,800	175
180	13.4	264.0	1,800	27,400 *	26.6	294.7		31,000 *	40.0	319.7	38,400 *	50.0	332.5	35,400	180
190					15.8	268.2		27,900 *	33.5	306.1	34,200 *	44.8	323.2	32,800	190
200									25.6	288.1	30,700 *	39.0	311.8	30,500	200
210									14.1	259.6	27,600 *	32.4	297.7	28,500	210
220												24.2	278.7	26,600	220
230												11.3	246.6	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	69.9	380.2	18,900	79,500 *											90
95	68.0	378.3	17,000	77,500 *											95
100	66.0	376.1	15,300	75,600 *											100
105	64.0	373.7	13,800	71,200 *											105
110	62.0	371.1	12,400	65,500 *	66.6	375.0	5,200	75,600 *							110
115	60.0	368.3	11,200	60,400 *	64.6	372.7	4,300	73,100 *							115
120	57.9	365.2	10,000	56,000 *	62.6	370.1	3,500	67,100 *							120
125	55.7	361.9	9,000	52,100 *	60.6	367.4	2,800	61,900 *							125
130	53.5	358.3	8,000	48,600 *	58.5	364.4	2,100	57,300 *							130
135	51.2	354.4	7,200	45,400 *	56.4	361.1	1,500	53,200 *							135
140	48.9	350.1	6,300	42,600 *	54.2	357.6	900	49,600 *	62.2	365.3	55,400				140
145	46.4	345.5	5,600	40,000 *	51.9	353.8	400	46,400 *	60.1	362.4	52,900				145
150	43.9	340.4	4,900	37,700 *	49.6	349.6		43,400 *	58.0	359.4	50,600				150
155	41.2	334.9	4,200	35,500 *	47.2	345.1		40,800 *	55.9	356.1	48,500				155
160	38.4	328.8	3,600	33,500 *	44.7	340.2		38,400 *	53.7	352.5	46,500				160
165	35.4	322.0	3,000	31,700 *	42.0	334.8		36,100 *	51.4	348.6	44,700				165
170	32.1	314.4	2,400	30,000 *	39.3	328.9		34,100 *	49.1	344.4	42,900 *	57.4	352.5	37,600	170
175	28.5	305.7	1,900	28,400 *	36.3	322.3		32,200 *	46.6	339.8	40,300 *	55.2	349.1	36,200	175
180	24.4	295.5	1,400	27,000 *	33.1	315.0		30,500 *	44.1	334.8	37,900 *	53.0	345.4	34,800	180
190	13.0	265.1	400	24,300 *	25.7	296.9		27,400 *	38.6	323.2	33,700 *	48.3	337.1	32,200	190
200					15.3	269.5		24,700 *	32.4	309.0	30,200 *	43.3	327.2	30,000	200
210									24.8	290.3	27,100 *	37.7	315.3	27,900	210
220									13.6	260.8	24,400 *	31.3	300.5	26,000	220
230												23.4	280.8	24,300	230
240												10.9	247.5	22,700	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	69.3	389.0	16,600	72,900 *											95
100	67.5	387.0	14,900	71,100 *											100
105	65.7	384.8	13,400	69,000 *											105
110	63.8	382.4	12,000	65,200 *											110
115	61.9	379.8	10,800	60,200 *	66.2	383.7	3,900	69,200 *							115
120	60.0	377.0	9,700	55,700 *	64.4	381.4	3,100	66,800 *							120
125	58.0	373.9	8,600	51,800 *	62.5	378.8	2,400	61,600 *							125
130	56.0	370.6	7,700	48,300 *	60.6	376.1	1,800	57,000 *							130
135	53.9	367.0	6,800	45,100 *	58.6	373.1	1,200	52,900 *							135
140	51.8	363.2	6,000	42,300 *	56.6	369.8	600	49,300 *							140
145	49.6	359.0	5,300	39,700 *	54.5	366.3	100	46,100 *	62.1	373.9	52,600				145
150	47.3	354.5	4,600	37,400 *	52.4	362.6		43,100 *	60.1	371.1	50,300				150
155	45.0	349.7	3,900	35,200 *	50.2	358.5		40,500 *	58.2	368.1	48,200				155
160	42.5	344.3	3,300	33,200 *	48.0	354.1		38,100 *	56.1	364.8	46,200				160
165	39.9	338.6	2,700	31,400 *	45.7	349.4		35,800 *	54.1	361.2	44,400				165
170	37.2	332.2	2,200	29,700 *	43.3	344.2		33,800 *	52.0	357.4	42,600 *				170
175	34.3	325.1	1,600	28,100 *	40.7	338.6		31,900 *	49.8	353.3	40,000 *	57.5	361.1	35,900	175
180	31.1	317.2	1,200	26,700 *	38.0	332.4		30,200 *	47.5	348.8	37,600 *	55.5	357.8	34,500	180
190	23.7	297.6	200	24,000 *	32.1	317.9		27,100 *	42.7	338.7	33,400 *	51.3	350.2	32,000	190
200	12.6	266.2		21,700 *	24.9	299.1		24,400 *	37.4	326.6	29,900 *	46.8	341.4	29,700	200
210					14.8	270.8		22,000 *	31.4	311.8	26,800 *	41.9	331.0	27,700	210
220									24.0	292.4	24,100 *	36.5	318.6	25,800	220
230									13.2	261.9	21,800 *	30.4	303.2	24,100	230
240												22.7	282.8	22,500	240
250												10.6	248.4	21,000	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	70.5	399.7	15,900	68,100 *											95
100	68.8	397.8	14,300	66,400 *											100
105	67.1	395.8	12,700	64,100 *											105
110	65.4	393.5	11,400	61,800 *											110
115	63.6	391.1	10,200	59,500 *	67.6	394.6	3,200	64,200 *							115
120	61.8	388.5	9,000	55,200 *	65.9	392.4	2,400	62,000 *							120
125	60.0	385.6	8,000	51,300 *	64.1	390.0	1,700	59,900 *							125
130	58.1	382.6	7,100	47,800 *	62.3	387.5	1,100	56,500 *							130
135	56.2	379.3	6,200	44,600 *	60.5	384.7	500	52,400 *							135
140	54.3	375.8	5,400	41,800 *	58.7	381.7		48,800 *							140
145	52.3	372.0	4,700	39,200 *	56.8	378.5		45,500 *							145
150	50.2	367.9	4,000	36,800 *	54.8	375.1		42,600 *	61.9	382.6	49,700				150
155	48.1	363.5	3,300	34,700 *	52.9	371.4		39,900 *	60.1	379.8	47,600				155
160	45.9	358.8	2,700	32,700 *	50.8	367.4		37,500 *	58.3	376.7	45,700				160
165	43.6	353.7	2,100	30,900 *	48.7	363.1		35,300 *	56.4	373.5	43,800				165
170	41.2	348.1	1,600	29,200 *	46.6	358.5		33,300 *	54.4	370.0	42,000 *				170
175	38.7	342.1	1,100	27,600 *	44.3	353.5		31,400 *	52.4	366.2	39,400 *				175
180	36.1	335.5	600	26,100 *	42.0	348.1		29,700 *	50.4	362.2	37,000 *	57.7	369.8	33,900	180
190	30.2	319.9		23,500 *	36.9	335.7		26,600 *	46.1	353.1	32,900 *	53.8	362.9	31,400	190
200	23.0	299.6		21,200 *	31.2	320.7		23,900 *	41.4	342.5	29,300 *	49.7	354.9	29,100	200
210	12.2	267.3		19,100 *	24.2	301.3		21,500 *	36.3	329.9	26,300 *	45.4	345.6	27,100	210
220					14.4	272.0		19,400 *	30.5	314.5	23,600 *	40.7	334.8	25,200	220
230									23.3	294.4	21,300 *	35.5	321.8	23,500	230
240									12.8	263.0	19,200 *	29.5	305.8	22,000	240
250												22.0	284.7	20,600	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	70.0	408.5	13,700	61,800 *											100
105	68.4	406.6	12,200	59,800 *											105
110	66.7	404.5	10,800	57,700 *											110
115	65.1	402.2	9,600	55,600 *											115
120	63.4	399.8	8,500	53,300 *	67.2	403.4	1,800	57,800 *							120
125	61.7	397.1	7,500	50,800 *	65.6	401.1	1,100	55,800 *							125
130	60.0	394.3	6,500	47,300 *	63.9	398.7	500	53,700 *							130
135	58.2	391.2	5,700	44,100 *	62.2	396.1		51,600 *							135
140	56.4	388.0	4,900	41,300 *	60.5	393.4		48,300 *							140
145	54.6	384.5	4,100	38,700 *	58.7	390.4		45,000 *							145
150	52.7	380.8	3,400	36,300 *	57.0	387.2		42,100 *							150
155	50.8	376.8	2,800	34,200 *	55.1	383.8		39,500 *	61.8	391.2	47,100				155
160	48.8	372.5	2,200	32,200 *	53.3	380.1		37,000 *	60.1	388.4	45,200				160
165	46.7	367.9	1,600	30,400 *	51.3	376.2		34,800 *	58.4	385.4	43,300				165
170	44.6	362.9	1,100	28,700 *	49.4	372.0		32,800 *	56.6	382.2	41,500 *				170
175	42.4	357.6	600	27,100 *	47.3	367.5		30,900 *	54.7	378.7	38,900 *				175
180	40.1	351.8	100	25,600 *	45.2	362.7		29,200 *	52.8	375.0	36,500 *				180
190	35.1	338.6		23,000 *	40.8	351.8		26,100 *	48.9	366.7	32,400 *	56.0	375.2	30,900	190
200	29.4	322.5		20,700 *	35.9	339.0		23,400 *	44.8	357.2	28,800 *	52.3	367.8	28,600	200
210	22.4	301.5		18,600 *	30.3	323.4		21,000 *	40.3	346.2	25,800 *	48.3	359.4	26,600	210
220	11.9	268.3		16,800 *	23.5	303.4		18,900 *	35.3	333.1	23,100 *	44.1	349.7	24,800	220
230					14.0	273.2		17,000 *	29.6	317.1	20,800 *	39.5	338.4	23,100	230
240									22.7	296.4	18,700 *	34.5	324.9	21,600	240
250									12.5	264.1	16,900 *	28.7	308.4	20,100	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	69.5	417.3	11,500	53,800 *											105
110	68.0	415.4	10,200	51,800 *											110
115	66.4	413.2	8,900	49,700 *											115
120	64.8	410.9	7,800	47,600 *											120
125	63.2	408.4	6,800	45,500 *	66.9	412.1	400	49,900 *							125
130	61.6	405.8	5,900	43,400 *	65.3	409.8		48,000 *							130
135	60.0	402.9	5,000	41,400 *	63.7	407.4		46,000 *							135
140	58.3	399.9	4,200	39,400 *	62.1	404.8		43,900 *							140
145	56.6	396.7	3,500	37,500 *	60.5	402.0		42,000 *							145
150	54.9	393.2	2,800	35,700 *	58.8	399.1		40,000 *							150
155	53.1	389.5	2,200	33,900 *	57.1	395.9		38,100 *							155
160	51.2	385.6	1,600	32,000 *	55.4	392.5		36,300 *	61.8	399.9	42,900 *				160
165	49.4	381.4	1,000	30,100 *	53.6	388.9		34,500 *	60.1	397.1	41,100 *				165
170	47.5	376.9	500	28,400 *	51.8	385.0		32,600 *	58.4	394.1	39,400 *				170
175	45.5	372.1		26,800 *	49.9	380.9		30,700 *	56.7	390.8	37,600 *				175
180	43.4	366.9		25,300 *	48.0	376.5		28,900 *	55.0	387.4	35,800 *				180
190	39.0	355.4		22,700 *	44.0	366.7		25,800 *	51.4	379.8	32,200 *	57.9	387.2	30,200	190
200	34.2	341.7		20,300 *	39.7	355.4		23,000 *	47.6	371.2	28,600 *	54.4	380.4	28,000	200
210	28.6	325.1		18,200 *	34.9	342.1		20,600 *	43.6	361.3	25,500 *	50.8	372.6	26,000	210
220	21.8	303.5		16,400 *	29.5	326.0		18,500 *	39.2	349.8	22,800 *	47.0	363.8	24,200	220
230	11.6	269.3		14,600 *	22.9	305.4		16,600 *	34.4	336.2	20,400 *	42.9	353.6	22,500	230
240					13.6	274.4		14,900 *	28.9	319.7	18,300 *	38.5	341.9	21,000	240
250									22.1	298.4	16,500 *	33.6	327.9	19,600	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	62.2	311.6	33,500 b	155,000 * b											70
75	57.4	308.6	30,200 b	136,400 * b											75
80	52.4	304.9	27,400 b	119,300 * b	64.6	311.0	16,800 b	128,000 b							80
85	46.9	300.5	24,900	105,800 *	59.9	308.3	15,100 b	118,900 b							85
90	40.9	295.1	22,800	94,800 *	55.0	304.9	13,700 b	110,900 b							90
95	34.0	288.4	20,800	85,800 *	49.7	300.9	12,300	103,800							95
100	25.5	279.2	19,000	78,200 *	44.0	296.1	11,100	97,500							100
105	11.9	263.5	17,200	71,700 *	37.6	290.1	10,000	90,200 *	60.5	303.9	82,800 b				105
110					30.1	282.3	9,000	81,900 *	55.6	300.7	78,300 b				110
115					20.0	271.1	8,000	74,900 *	50.4	296.8	74,100				115
120									44.8	292.0	70,400				120
125									38.5	286.2	66,900				125
130									31.1	278.7	63,700	55.7	294.3	56,800 b	130
135									21.5	268.1	60,800	50.5	290.4	54,200	135
140												44.9	285.7	51,800	140
145												38.6	279.9	49,500	145
150												31.3	272.4	47,400	150
155												21.7	261.9	45,400	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	66.0	322.8	32,800 b	149,200 * b											70
75	62.0	320.3	29,600 b	137,200 * b											75
80	57.8	317.3	26,800 b	119,900 * b	68.0	322.0	15,900 b	127,400 b							80
85	53.4	313.7	24,300	106,300 *	64.0	319.7	14,300 b	118,200 b							85
90	48.7	309.5	22,200	95,200 *	59.9	316.9	12,900 b	110,300 b							90
95	43.7	304.6	20,300	86,100 *	55.6	313.6	11,600	103,200							95
100	38.1	298.6	18,600	78,500 *	51.1	309.8	10,400	97,000							100
105	31.7	291.2	17,000	71,900 *	46.3	305.3	9,400	90,600 *							105
110	23.7	281.3	15,500	66,300 *	41.0	299.9	8,400	82,200 *	60.4	312.6	77,600 b				110
115	11.1	264.4	14,000	61,300 *	35.1	293.2	7,500	75,100 *	56.2	309.4	73,500				115
120					28.0	284.8	6,600	69,100 *	51.7	305.6	69,700				120
125					18.6	272.7	5,800	63,800 *	46.9	301.2	66,300				125
130									41.7	295.9	63,200				130
135									35.8	289.4	60,300	56.3	303.0	53,400	135
140									29.0	281.3	57,600	51.8	299.3	51,100	140
145									20.0	269.8	55,100	47.0	294.8	48,900	145
150												41.8	289.6	46,800	150
155												36.0	283.1	44,900	155
160												29.2	275.0	43,000	160
165												20.3	263.7	41,300	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	68.8	333.7	32,200 b	143,000 * b											70
75	65.3	331.5	29,000 b	136,500 * b											75
80	61.7	328.9	26,300	121,200 *											80
85	58.0	325.9	23,900	107,300 *	67.1	330.7	13,700 b	117,800 b							85
90	54.1	322.5	21,700	96,100 *	63.6	328.4	12,300 b	109,800 b							90
95	50.1	318.5	19,900	86,800 *	59.9	325.6	11,000	102,800							95
100	45.7	313.8	18,200	79,000 *	56.1	322.4	9,900	96,500							100
105	41.0	308.4	16,600	72,400 *	52.2	318.6	8,900	91,000							105
110	35.8	301.9	15,200	66,700 *	48.0	314.3	7,900	82,800 *							110
115	29.8	293.9	13,900	61,700 *	43.5	309.3	7,000	75,600 *	60.4	321.2	73,000				115
120	22.3	283.2	12,700	57,300 *	38.5	303.4	6,200	69,500 *	56.6	318.1	69,300				120
125	10.4	265.2	11,400	53,400 *	33.0	296.2	5,500	64,200 *	52.7	314.4	65,900				125
130					26.3	287.1	4,800	59,500 *	48.5	310.2	62,700				130
135					17.5	274.2	4,000	55,300 *	44.0	305.3	59,900				135
140									39.1	299.5	57,200	56.7	311.7	50,600	140
145									33.7	292.5	54,700	52.8	308.1	48,400	145
150									27.2	283.7	52,400	48.6	303.8	46,300	150
155									18.8	271.4	50,200	44.1	298.9	44,400	155
160												39.3	293.2	42,600	160
165												33.8	286.2	41,000	165
170												27.4	277.5	39,400	170
175												19.0	265.3	37,900	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	67.9	342.5	28,300 b	127,500 *b											75
80	64.8	340.2	25,600	121,300 *											80
85	61.6	337.6	23,200	107,300 *											85
90	58.2	334.6	21,100	96,000 *	66.4	339.5	11,400	109,100							90
95	54.8	331.2	19,200	86,700 *	63.2	337.0	10,200	102,200							95
100	51.1	327.3	17,500	78,900 *	59.9	334.2	9,100	95,900							100
105	47.3	322.9	16,000	72,200 *	56.5	331.0	8,100	90,400							105
110	43.2	317.8	14,600	66,500 *	53.0	327.4	7,200	82,700 *							110
115	38.8	311.9	13,400	61,500 *	49.3	323.3	6,300	75,500 *							115
120	33.9	304.9	12,200	57,100 *	45.3	318.5	5,500	69,300 *	60.3	329.9	68,600				120
125	28.2	296.4	11,100	53,200 *	41.1	313.1	4,800	63,900 *	57.0	326.8	65,200				125
130	21.1	285.1	10,100	49,700 *	36.4	306.7	4,100	59,300 *	53.4	323.2	62,100				130
135	9.8	266.1	9,000	46,500 *	31.2	299.0	3,500	55,100 *	49.7	319.1	59,200				135
140					24.9	289.3	2,900	51,400 *	45.8	314.5	56,600				140
145					16.6	275.6	2,200	48,100 *	41.6	309.1	54,100	57.0	320.4	47,600	145
150									37.0	302.8	51,900	53.5	316.8	45,600	150
155									31.9	295.3	49,700	49.8	312.8	43,700	155
160									25.8	286.0	47,700	45.9	308.1	42,000	160
165									17.8	273.0	45,800	41.7	302.8	40,300	165
170												37.1	296.5	38,700	170
175												32.0	289.1	37,300	175
180												25.9	279.8	35,900	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	70.0	353.2	27,700 b	121,300 *b											75
80	67.2	351.2	24,900	117,800 *											80
85	64.4	348.9	22,500	109,700 *											85
90	61.4	346.3	20,400	98,100 *											90
95	58.4	343.3	18,600	88,600 *	65.8	348.2	9,500	101,600							95
100	55.3	339.9	16,900	80,600 *	62.9	345.7	8,400	95,400							100
105	52.0	336.2	15,400	73,800 *	59.9	342.9	7,400	89,900							105
110	48.6	331.9	14,100	67,900 *	56.9	339.7	6,500	84,500 *							110
115	45.0	327.1	12,800	62,800 *	53.7	336.2	5,700	77,100 *							115
120	41.1	321.6	11,700	58,300 *	50.3	332.2	4,900	70,800 *							120
125	36.9	315.3	10,700	54,300 *	46.8	327.7	4,200	65,300 *	60.3	338.6	64,600				125
130	32.2	307.8	9,700	50,800 *	43.1	322.5	3,600	60,500 *	57.2	335.5	61,500				130
135	26.8	298.7	8,800	47,600 *	39.1	316.7	2,900	56,300 *	54.1	331.9	58,700				135
140	20.1	286.8	7,900	44,700 *	34.7	309.8	2,400	52,500 *	50.7	328.0	56,100				140
145	9.3	266.8	6,900	41,400 *	29.7	301.7	1,800	49,200 *	47.2	323.6	53,600				145
150					23.7	291.4	1,300	46,100 *	43.5	318.5	51,400	57.3	329.1	45,000	150
155					15.7	276.9	700	43,400 *	39.6	312.7	49,300	54.1	325.6	43,200	155
160									35.2	306.0	47,300	50.8	321.6	41,400	160
165									30.3	298.1	45,400	47.3	317.2	39,800	165
170									24.5	288.1	43,700	43.6	312.2	38,200	170
175									16.9	274.4	42,000	39.7	306.4	36,800	175
180												35.3	299.7	35,400	180
190												24.7	281.9	32,900	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	69.2	362.0	24,200	108,300 *											80
85	66.6	359.9	21,800	105,200 *											85
90	64.0	357.6	19,800	98,700 *											90
95	61.3	354.9	17,900	88,900 *	68.0	359.1	8,700	101,000							95
100	58.5	352.0	16,300	80,800 *	65.3	356.9	7,600	94,800							100
105	55.7	348.6	14,800	73,900 *	62.7	354.4	6,700	89,300							105
110	52.7	345.0	13,500	67,900 *	59.9	351.6	5,800	84,300							110
115	49.6	340.8	12,200	62,700 *	57.1	348.4	5,000	77,300 *							115
120	46.4	336.2	11,100	58,200 *	54.2	344.9	4,200	70,900 *							120
125	42.9	331.1	10,100	54,200 *	51.2	341.0	3,500	65,300 *							125
130	39.2	325.2	9,100	50,600 *	48.0	336.7	2,900	60,500 *	60.3	347.2	60,900				130
135	35.2	318.5	8,300	47,400 *	44.7	331.8	2,300	56,200 *	57.5	344.1	58,100				135
140	30.8	310.6	7,400	44,500 *	41.1	326.3	1,700	52,400 *	54.6	340.7	55,500				140
145	25.6	301.0	6,600	41,800 *	37.3	320.1	1,200	49,000 *	51.6	336.8	53,000				145
150	19.2	288.5	5,800	39,400 *	33.1	312.8	700	45,900 *	48.4	332.6	50,800				150
155	8.9	267.6	5,000	36,600 *	28.3	304.2	200	43,200 *	45.1	327.7	48,700	57.5	337.7	42,500	155
160					22.7	293.4		40,600 *	41.6	322.3	46,700	54.6	334.3	40,700	160
165					15.0	278.2		38,300 *	37.8	316.2	44,900	51.6	330.5	39,100	165
170									33.6	309.1	43,200	48.5	326.2	37,600	170
175									29.0	300.6	41,500	45.2	321.4	36,200	175
180									23.4	290.2	40,000	41.7	316.0	34,800	180
190												33.7	302.8	32,300	190
200												23.6	284.0	30,000	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	70.9	372.7	23,900	101,200 *											80
85	68.5	370.8	21,500	98,400 *											85
90	66.1	368.7	19,400	95,800 *											90
95	63.7	366.3	17,600	88,900 *											95
100	61.2	363.6	16,000	80,700 *	67.4	367.8	7,300	94,500							100
105	58.6	360.6	14,500	73,800 *	64.9	365.6	6,300	89,000							105
110	56.0	357.3	13,200	67,800 *	62.5	363.0	5,500	84,000							110
115	53.3	353.7	12,000	62,600 *	59.9	360.2	4,700	77,200 *							115
120	50.5	349.7	10,900	58,100 *	57.3	357.1	3,900	70,800 *							120
125	47.5	345.3	9,800	54,100 *	54.7	353.7	3,200	65,200 *							125
130	44.4	340.3	8,900	50,500 *	51.9	349.9	2,600	60,300 *	62.8	358.7	60,600				130
135	41.1	334.8	8,000	47,200 *	49.0	345.6	2,000	56,100 *	60.3	355.9	57,800				135
140	37.6	328.6	7,200	44,300 *	46.0	341.0	1,500	52,200 *	57.7	352.8	55,200				140
145	33.8	321.5	6,500	41,700 *	42.8	335.8	1,000	48,800 *	55.0	349.4	52,800				145
150	29.5	313.2	5,800	39,300 *	39.4	329.9	500	45,800 *	52.2	345.6	50,600				150
155	24.6	303.2	5,100	37,100 *	35.8	323.3		43,000 *	49.4	341.5	48,500				155
160	18.4	290.1	4,400	35,100 *	31.8	315.7		40,500 *	46.4	336.9	46,500	57.7	346.4	40,500	160
165	8.5	268.3	3,700	32,700 *	27.2	306.6		38,200 *	43.2	331.7	44,700	55.1	343.0	38,900	165
170					21.7	295.3		36,100 *	39.9	326.0	43,000	52.3	339.3	37,400	170
175					14.4	279.5		34,100 *	36.2	319.5	41,400	49.4	335.1	35,900	175
180									32.3	312.0	39,900	46.5	330.5	34,600	180
190									22.5	292.2	36,400 *	39.9	319.7	32,100	190
200												32.4	305.7	29,900	200
210												22.6	286.0	27,800	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	70.1	381.5	20,800	91,800 *											85
90	67.9	379.6	18,800	89,400 *											90
95	65.7	377.4	16,900	87,000 *											95
100	63.4	374.9	15,300	80,300 *											100
105	61.1	372.2	13,800	73,400 *	66.9	376.6	5,600	87,900 *							105
110	58.7	369.3	12,500	67,400 *	64.6	374.3	4,700	83,500							110
115	56.3	366.0	11,300	62,200 *	62.3	371.7	3,900	76,800 *							115
120	53.8	362.5	10,200	57,600 *	59.9	368.9	3,200	70,300 *							120
125	51.2	358.6	9,200	53,600 *	57.5	365.8	2,500	64,700 *							125
130	48.5	354.3	8,300	50,000 *	55.1	362.4	1,900	59,900 *							130
135	45.7	349.5	7,400	46,800 *	52.5	358.6	1,300	55,600 *	62.6	367.3	57,200				135
140	42.7	344.3	6,600	43,900 *	49.9	354.5	800	51,800 *	60.2	364.5	54,600				140
145	39.6	338.5	5,900	41,200 *	47.1	350.0	300	48,400 *	57.8	361.5	52,200				145
150	36.2	331.9	5,200	38,800 *	44.2	345.1		45,300 *	55.4	358.1	50,000				150
155	32.5	324.4	4,600	36,600 *	41.2	339.5		42,500 *	52.8	354.4	47,900				155
160	28.4	315.8	3,900	34,600 *	37.9	333.4		40,000 *	50.2	350.4	45,900				160
165	23.7	305.3	3,300	32,700 *	34.4	326.4		37,700 *	47.5	345.9	44,100	57.9	355.1	38,200	165
170	17.7	291.6	2,700	31,000 *	30.5	318.4		35,600 *	44.6	341.0	42,400	55.4	351.7	36,700	170
175	8.2	268.9	2,100	29,000 *	26.2	308.9		33,700 *	41.6	335.6	40,800	52.9	348.1	35,300	175
180					20.9	297.1		31,900 *	38.3	329.5	39,300	50.3	344.0	33,900	180
190									31.0	314.7	35,900 *	44.7	334.7	31,500	190
200									21.6	294.1	32,100 *	38.4	323.2	29,300	200
210												31.1	308.5	27,300	210
220												21.8	287.9	25,400	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	69.5	390.3	18,100	84,200 *											90
95	67.4	388.3	16,300	82,200 *											95
100	65.3	386.1	14,700	80,200 *											100
105	63.2	383.6	13,200	74,900 *											105
110	61.0	380.9	11,900	68,700 *	66.4	385.3	4,000	80,900 *							110
115	58.8	378.0	10,700	63,300 *	64.3	382.9	3,300	78,400 *							115
120	56.6	374.7	9,600	58,600 *	62.1	380.4	2,500	71,700 *							120
125	54.2	371.2	8,600	54,500 *	60.0	377.5	1,900	66,000 *							125
130	51.8	367.4	7,700	50,800 *	57.7	374.5	1,300	61,000 *							130
135	49.3	363.2	6,900	47,500 *	55.4	371.1	700	56,500 *							135
140	46.7	358.6	6,100	44,500 *	53.0	367.4	200	52,600 *	62.4	376.0	54,000				140
145	44.0	353.6	5,300	41,800 *	50.6	363.4		49,100 *	60.2	373.2	51,600				145
150	41.2	348.1	4,700	39,300 *	48.1	359.0		46,000 *	58.0	370.2	49,400				150
155	38.1	341.9	4,000	37,100 *	45.4	354.3		43,100 *	55.7	366.8	47,400				155
160	34.9	335.1	3,400	35,000 *	42.6	349.0		40,500 *	53.3	363.2	45,400				160
165	31.4	327.2	2,800	33,100 *	39.7	343.2		38,200 *	50.9	359.2	43,600				165
170	27.4	318.2	2,300	31,300 *	36.6	336.7		36,000 *	48.4	354.9	41,900				170
175	22.8	307.3	1,700	29,700 *	33.2	329.4		34,100 *	45.7	350.2	40,300	55.7	360.4	34,700	175
180	17.1	293.1	1,200	28,200 *	29.5	321.0		32,200 *	43.0	345.0	38,800	53.4	356.8	33,400	180
190					20.2	298.9		28,900 *	37.0	332.8	36,100	48.4	348.6	31,000	190
200									29.9	317.4	32,500 *	43.0	338.6	28,800	200
210									20.9	295.9	29,200 *	37.0	326.5	26,800	210
220												30.0	311.2	25,000	220
230												21.0	289.7	23,300	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	70.8	401.0	17,400	78,600 *											90
95	68.9	399.1	15,600	76,800 *											95
100	67.0	397.0	14,000	75,000 *											100
105	65.0	394.8	12,500	73,200 *											105
110	63.0	392.3	11,200	68,200 *	68.0	396.2	3,300	75,300 *							110
115	61.0	389.6	10,100	62,800 *	66.0	394.0	2,500	73,800 *							115
120	58.9	386.6	9,000	58,100 *	64.0	391.6	1,800	71,200 *							120
125	56.8	383.4	8,000	53,900 *	62.0	389.0	1,200	65,500 *							125
130	54.6	379.9	7,100	50,200 *	60.0	386.2	600	60,400 *							130
135	52.3	376.2	6,200	46,900 *	57.9	383.1		56,000 *							135
140	50.0	372.1	5,500	43,900 *	55.7	379.8		52,100 *							140
145	47.6	367.6	4,700	41,200 *	53.5	376.2		48,600 *	62.3	384.7	51,000				145
150	45.1	362.8	4,100	38,800 *	51.2	372.3		45,400 *	60.2	381.9	48,800				150
155	42.5	357.5	3,400	36,500 *	48.9	368.0		42,600 *	58.1	378.8	46,700				155
160	39.8	351.7	2,800	34,500 *	46.4	363.4		40,000 *	56.0	375.5	44,800				160
165	36.9	345.3	2,300	32,600 *	43.9	358.3		37,700 *	53.8	371.9	43,000				165
170	33.7	338.1	1,700	30,800 *	41.2	352.8		35,500 *	51.5	368.1	41,300				170
175	30.3	330.0	1,200	29,200 *	38.4	346.7		33,500 *	49.2	363.8	39,800				175
180	26.5	320.5	700	27,700 *	35.4	339.9		31,700 *	46.7	359.3	38,300	56.0	369.1	32,800	180
190	16.5	294.6		24,900 *	28.5	323.6		28,400 *	41.5	348.8	35,500	51.6	361.7	30,300	190
200					19.5	300.6		25,600 *	35.7	336.1	31,900 *	46.8	352.9	28,200	200
210									29.0	320.0	28,600 *	41.6	342.5	26,200	210
220									20.2	297.7	25,800 *	35.8	329.8	24,400	220
230												29.1	313.8	22,800	230
240												20.3	291.5	21,300	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	70.2	409.8	15,200	72,000 *											95
100	68.4	407.9	13,600	70,400 *											100
105	66.6	405.8	12,200	68,800 *											105
110	64.7	403.5	10,900	66,900 *											110
115	62.8	400.9	9,700	62,500 *	67.5	404.9	2,100	69,000 *							115
120	60.9	398.2	8,600	57,800 *	65.7	402.7	1,400	67,600 *							120
125	59.0	395.3	7,600	53,700 *	63.8	400.3	800	65,200 *							125
130	57.0	392.1	6,700	50,000 *	61.9	397.7	200	60,100 *							130
135	54.9	388.7	5,900	46,600 *	60.0	394.9		55,700 *							135
140	52.8	385.0	5,100	43,700 *	58.0	391.8		51,800 *							140
145	50.7	381.0	4,400	40,900 *	56.0	388.5		48,300 *							145
150	48.4	376.6	3,700	38,500 *	53.9	384.9		45,100 *	62.1	393.3	48,500				150
155	46.1	371.9	3,100	36,200 *	51.8	381.1		42,300 *	60.2	390.5	46,500				155
160	43.7	366.8	2,500	34,200 *	49.6	376.9		39,700 *	58.2	387.5	44,500				160
165	41.2	361.3	2,000	32,300 *	47.3	372.4		37,400 *	56.2	384.2	42,800				165
170	38.5	355.2	1,400	30,500 *	45.0	367.5		35,200 *	54.1	380.7	41,100				170
175	35.7	348.5	900	28,900 *	42.5	362.2		33,200 *	52.0	376.9	39,500				175
180	32.7	341.0	500	27,400 *	39.9	356.4		31,400 *	49.8	372.7	38,000				180
190	25.7	322.8		24,600 *	34.3	343.0		28,100 *	45.2	363.5	35,300	54.2	374.3	30,100	190
200	16.0	295.9		22,200 *	27.6	326.0		25,300 *	40.2	352.5	31,600 *	49.9	366.4	27,900	200
210					18.9	302.3		22,800 *	34.6	339.2	28,300 *	45.3	357.1	25,900	210
220									28.1	322.5	25,500 *	40.3	346.1	24,200	220
230									19.6	299.4	23,000 *	34.7	332.9	22,600	230
240												28.2	316.3	21,100	240
250												19.7	293.2	19,700	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	69.7	418.6	12,900	65,800 *											100
105	68.0	416.6	11,500	64,200 *											105
110	66.2	414.5	10,200	62,000 *											110
115	64.5	412.1	9,000	59,900 *											115
120	62.7	409.6	8,000	57,300 *	67.1	413.7	700	62,600 *							120
125	60.9	406.9	7,000	53,100 *	65.4	411.4	100	60,600 *							125
130	59.0	403.9	6,100	49,400 *	63.6	409.0		58,600 *							130
135	57.1	400.8	5,300	46,100 *	61.8	406.4		55,200 *							135
140	55.2	397.4	4,500	43,100 *	60.0	403.5		51,300 *							140
145	53.2	393.7	3,800	40,400 *	58.1	400.5		47,800 *							145
150	51.2	389.8	3,100	37,900 *	56.2	397.2		44,600 *							150
155	49.1	385.6	2,500	35,700 *	54.2	393.7		41,800 *	62.0	402.0	45,900				155
160	47.0	381.0	1,900	33,600 *	52.2	389.9		39,200 *	60.2	399.2	43,900				160
165	44.7	376.1	1,400	31,700 *	50.2	385.8		36,800 *	58.3	396.2	42,200				165
170	42.4	370.7	800	30,000 *	48.1	381.4		34,700 *	56.4	392.9	40,500				170
175	40.0	365.0	400	28,300 *	45.9	376.7		32,700 *	54.5	389.4	38,900				175
180	37.4	358.6		26,800 *	43.6	371.6		30,900 *	52.5	385.7	37,400				180
190	31.7	343.9		24,100 *	38.7	360.0		27,600 *	48.3	377.3	34,700	56.5	386.5	29,400	190
200	24.9	325.0		21,700 *	33.3	346.0		24,800 *	43.9	367.5	31,100 *	52.5	379.3	27,300	200
210	15.5	297.3		19,600 *	26.8	328.4		22,300 *	39.0	356.0	27,800 *	48.4	370.9	25,300	210
220					18.4	303.9		20,100 *	33.6	342.2	24,900 *	43.9	361.2	23,600	220
230									27.2	324.9	22,500 *	39.1	349.7	22,000	230
240									19.0	301.0	20,200 *	33.7	335.9	20,500	240
250												27.3	318.7	19,100	250
260												19.1	294.9	17,900	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	70.8	429.3	12,400	60,000 *										100
105	69.2	427.4	10,900	58,200 *										105
110	67.5	425.4	9,600	56,300 *										110
115	65.9	423.2	8,500	54,300 *										115
120	64.2	420.8	7,400	52,200 *										120
125	62.5	418.3	6,400	50,100 *	66.7	422.4	54,900 *							125
130	60.8	415.5	5,500	48,100 *	65.1	420.1	53,100 *							130
135	59.1	412.6	4,700	46,100 *	63.4	417.7	51,100 *							135
140	57.3	409.5	3,900	43,200 *	61.7	415.0	49,100 *							140
145	55.5	406.1	3,200	40,500 *	60.0	412.2	47,200 *							145
150	53.6	402.5	2,600	37,900 *	58.2	409.1	44,800 *							150
155	51.7	398.6	1,900	35,600 *	56.4	405.9	41,900 *							155
160	49.7	394.5	1,400	33,500 *	54.6	402.4	39,200 *	61.9	410.7	43,400				160
165	47.7	390.0	800	31,600 *	52.7	398.7	36,800 *	60.2	407.8	41,700				165
170	45.6	385.2	300	29,800 *	50.7	394.7	34,600 *	58.4	404.8	40,000				170
175	43.5	380.1		28,100 *	48.8	390.4	32,600 *	56.6	401.6	38,400				175
180	41.2	374.5		26,600 *	46.7	385.8	30,700 *	54.8	398.1	36,900				180
190	36.4	361.9		23,800 *	42.4	375.5	27,400 *	51.0	390.5	34,200				190
200	30.9	346.6		21,400 *	37.6	363.4	24,500 *	47.0	381.6	30,900 *	54.8	391.8	26,800	200
210	24.3	327.2		19,200 *	32.3	348.9	22,000 *	42.7	371.4	27,600 *	51.0	384.1	24,800	210
220	15.1	298.6		17,300 *	26.1	330.7	19,800 *	38.0	359.5	24,700 *	47.0	375.3	23,100	220
230					17.9	305.4	17,800 *	32.7	345.2	22,200 *	42.7	365.1	21,500	230
240								26.5	327.3	19,900 *	38.0	353.2	20,000	240
250								18.5	302.6	17,900 *	32.7	338.9	18,700	250
260											26.6	321.0	17,500	260
270											18.6	296.5	16,300	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
 55,000 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	70.3	438.1	10,200	53,800 *										105
110	68.7	436.2	8,900	52,000 *										110
115	67.2	434.1	7,800	50,100 *										115
120	65.6	431.9	6,700	48,100 *										120
125	64.0	429.5	5,700	46,100 *	68.0	433.3	50,600 *							125
130	62.4	427.0	4,900	44,100 *	66.4	431.1	48,800 *							130
135	60.8	424.2	4,000	42,100 *	64.8	428.8	47,000 *							135
140	59.1	421.3	3,300	40,200 *	63.2	426.3	45,000 *							140
145	57.4	418.1	2,600	38,300 *	61.6	423.7	43,100 *							145
150	55.7	414.8	1,900	36,400 *	60.0	420.8	41,200 *							150
155	53.9	411.2	1,300	34,600 *	58.3	417.8	39,300 *							155
160	52.1	407.4	700	32,900 *	56.6	414.6	37,500 *							160
165	50.3	403.3	200	31,000 *	54.8	411.1	35,700 *	61.8	419.3	41,100				165
170	48.4	399.0		29,200 *	53.1	407.4	33,900 *	60.2	416.5	39,400				170
175	46.4	394.3		27,600 *	51.2	403.5	32,000 *	58.5	413.5	37,800				175
180	44.4	389.3		26,000 *	49.4	399.3	30,100 *	56.8	410.3	36,400				180
190	40.1	378.2		23,300 *	45.5	390.0	26,800 *	53.3	403.2	33,700				190
200	35.4	365.1		20,800 *	41.2	379.2	24,000 *	49.6	395.1	30,400 *	56.8	403.9	26,100	200
210	30.1	349.3		18,700 *	36.7	366.7	21,400 *	45.7	385.9	27,000 *	53.3	396.8	24,200	210
220	23.6	329.2		16,800 *	31.5	351.7	19,200 *	41.5	375.2	24,100 *	49.6	388.8	22,500	220
230	14.7	299.9		15,000 *	25.4	333.0	17,300 *	36.9	362.8	21,600 *	45.7	379.5	20,900	230
240					17.4	306.9	15,500 *	31.8	348.0	19,400 *	41.6	368.9	19,500	240
250								25.8	329.6	17,400 *	37.0	356.5	18,100	250
260								18.0	304.2	15,600 *	31.9	341.7	16,900	260
270											25.9	323.3	15,800	270
280											18.1	298.1	14,700	280