

MANITOWOC ENGINEERING CO.

Division of The Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



MANITOWOC 7000

LIFECRANE JIB CAPACITIES - 569,400 LB. CWT.
JIB NO. 127 WITH 25' STRUT ON BOOM NO. 64

CALCULATED TO COMPLY
WITH ANSI B30.5 REQUIREMENTS
SUBJECT TO TEST

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 6991-A OR NO. 7383-A. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF THE JIB LOAD. BOOM AND 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.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM SURFACE. TRAVEL MAY BE LIMITED DEPENDING UPON GROUND CONDITIONS. REFER TO BOOM RIGGING NO. 66082 OR NO. 420601, JIB ASSEMBLY NO. 184368 AND LOAD LINE SPECIFICATION CHART NO. 6995-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS THE ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF BOOM BUTT AND INSERTS AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF JIB POINT SHAFT.

MACHINE EQUIPPED WITH 47'4" CRAWLERS, 83" TREADS, 560 HOIST, FOUR RINGER SWINGERS, 130' MAST, 12 PART BOOM HOIST REEVING, FOUR 1-1/2" BOOM PENDANTS AND 569,400 LB. COUNTERWEIGHT (560,600 LBS. ON S/N 70001, 564,900 LBS. ON S/N 70003, 700041).

MAXIMUM CAPACITY ON 1-3/8" - 6 X 41 EXIPS, IWRC IS 48,000 LBS. PER LINE.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED			
OVER END OF CRAWLERS		OVER SIDE OF CRAWLERS	
BM. LGTH.	JIB NO. 127	BM. LGTH.	JIB NO. 127
400'	---	400'	---
400'	100'	400'	100'

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
175	55	80.4	230.4	160,000*	80.3	229.0	160,000*	80.6	226.5	145,400*	55
	60	79.0	229.5	160,000*	78.9	228.0	160,000*	79.3	225.3	139,300*	60
	65	77.7	228.4	160,000*	77.6	226.8	160,000*	77.9	224.0	133,700*	65
	70	76.3	227.2	160,000*	76.2	225.4	160,000*	76.5	222.5	128,600*	70
	75	75.0	225.9	160,000*	74.9	224.0	160,000*	75.1	220.9	123,900*	75
	80	73.6	224.4	160,000*	73.5	222.4	160,000*	73.7	219.2	119,600*	80
	85	72.3	222.8	160,000*	72.1	220.7	158,700*	72.3	217.3	115,500*	85
	90	70.9	221.1	160,000*	70.7	218.8	152,300*	70.9	215.3	111,800*	90
	95	69.5	219.3	160,000*	69.3	216.8	145,700*	69.5	213.1	108,300*	95
	100	68.1	217.3	160,000*	67.8	214.7	139,700*	68.0	210.8	105,100*	100
	105	66.6	215.1	160,000*	66.4	212.4	134,100*	66.5	208.3	102,100*	105
	110	65.2	212.9	158,800*	64.9	209.9	129,000*	65.0	205.7	99,200*	110
	115	63.7	210.4	152,400*	63.4	207.3	124,300*	63.5	202.9	96,600*	115
	120	62.2	207.8	145,500*	61.9	204.5	119,900*	62.0	199.9	94,100*	120
	125	60.7	205.0	139,200*	60.4	201.6	115,900*	60.4	196.8	91,800*	125
	130	59.2	202.1	133,400*	58.9	198.5	112,100*	58.8	193.4	89,600*	130
	135	57.7	199.0	128,100*	57.3	195.1	108,500*	55.5	186.0	85,500*	135
	140	56.1	195.6	123,200*	54.0	187.8	102,200*	52.1	177.7	82,000*	140
	150	52.9	188.4	114,400*	50.6	179.6	96,500*				150
	160	49.5	180.2	106,800*	47.0	170.3	91,600*				160
	170	45.9	170.9	100,100*	43.2	159.7	87,200*				170
	180	42.1	160.4	94,200*							180
	190	37.9	148.2	89,000*							190
	200	33.4	134.0	84,400*							200

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
200	60	80.2	254.9	160,000*							60
	65	79.0	254.0	160,000*	80.1	253.5	160,000*				65
	70	77.8	252.9	160,000*	78.9	252.5	160,000*	80.4	251.0	144,300*	70
	75	76.6	251.7	160,000*	77.7	251.3	160,000*	79.2	249.8	138,900*	75
	80	75.4	250.4	160,000*	76.5	250.0	160,000*	78.0	248.5	134,000*	80
	85	74.1	249.0	160,000*	75.2	248.6	160,000*	76.7	247.1	129,300*	85
	90	72.9	247.5	160,000*	74.0	247.0	160,000*	75.5	245.5	125,100*	90
	95	71.7	245.9	160,000*	72.8	245.4	159,200*	74.2	243.9	121,100*	95
	100	70.4	244.1	160,000*	71.5	243.6	156,500*	73.0	242.1	117,400*	100
	105	69.2	242.2	160,000*	70.2	241.7	150,200*	71.7	240.2	113,900*	105
	110	67.9	240.2	160,000*	69.0	239.7	144,400*	70.4	238.2	110,700*	110
	115	66.6	238.1	160,000*	67.7	237.6	139,100*	69.1	236.0	107,600*	115
	120	65.3	235.8	158,700*	66.4	235.3	134,100*	67.8	233.7	104,700*	120
	125	64.0	233.4	153,800*	65.1	232.9	129,500*	66.5	231.3	102,000*	125
	130	62.7	230.8	147,400*	63.8	230.3	125,300*	65.2	228.7	99,500*	130
	135	61.3	228.1	141,600*	62.4	227.6	121,300*	63.8	225.9	97,100*	135
	140	60.0	225.2	136,200*	61.1	224.7	117,500*	62.4	223.0	94,900*	140
	150	57.2	219.0	126,600*	58.3	218.5	110,700*	59.6	216.8	90,700*	150
	160	54.4	212.1	118,200*	55.4	211.6	104,700*	56.8	209.8	87,000*	160
	170	51.4	204.4	110,900*	52.4	203.9	99,400*	53.7	202.0	83,600*	170
	180	48.3	195.8	104,400*	49.3	195.3	94,600*	50.6	193.3	80,600*	180
	190	45.0	186.3	98,700*	46.0	185.6	90,300*				190
	200	41.6	175.5	93,500*	42.6	174.8	86,500*				200
	210	37.8	163.2	88,900*							210
	220	33.8	149.1	84,700*							220
225	65	80.0	279.4	160,000*							65
	70	78.9	278.5	160,000*	79.9	278.0	160,000*				70
	75	77.8	277.4	160,000*	78.8	276.9	160,000*	80.2	275.4	143,500*	75
	80	76.7	276.2	160,000*	77.7	275.8	160,000*	79.1	274.3	138,700*	80
	85	75.6	275.0	160,000*	76.6	274.5	160,000*	78.0	273.0	134,100*	85
	90	74.5	273.6	160,000*	75.5	273.1	160,000*	76.9	271.6	129,900*	90
	95	73.4	272.1	160,000*	74.4	271.7	160,000*	75.8	270.1	126,000*	95
	100	72.3	270.5	160,000*	73.3	270.1	159,400*	74.6	268.5	122,300*	100
	105	71.2	268.9	160,000*	72.2	268.4	158,200*	73.5	266.8	118,900*	105
	110	70.0	267.1	160,000*	71.0	266.6	154,100*	72.4	265.0	115,700*	110
	115	68.9	265.1	160,000*	69.9	264.7	148,500*	71.2	263.1	112,600*	115
	120	67.7	263.1	160,000*	68.7	262.6	143,400*	70.0	261.0	109,700*	120
	125	66.6	261.0	159,800*	67.6	260.5	138,600*	68.9	258.9	107,000*	125
	130	65.4	258.7	158,400*	66.4	258.2	134,200*	67.7	256.6	104,500*	130
	135	64.2	256.3	154,900*	65.2	255.8	130,000*	66.5	254.2	102,000*	135
	140	63.0	253.8	149,100*	64.0	253.3	126,100*	65.3	251.6	99,700*	140
	150	60.6	248.3	138,600*	61.6	247.8	118,900*	62.8	246.1	95,500*	150
	160	58.1	242.3	129,500*	59.1	241.8	112,600*	60.3	240.0	91,600*	160
	170	55.6	235.7	121,600*	56.5	235.1	106,900*	57.7	233.3	88,200*	170
	180	52.9	228.4	114,500*	53.9	227.8	101,900*	55.1	225.9	85,000*	180
	190	50.2	220.3	108,200*	51.1	219.7	97,300*	52.3	217.8	82,200*	190
	200	47.3	211.4	102,600*	48.2	210.8	93,100*				200
	210	44.3	201.5	97,600*	45.2	200.9	89,400*				210
	220	41.1	190.6	93,000*	42.1	189.9	86,000*				220
	230	37.7	178.2	88,800*							230
	240	34.1	164.2	85,000*							240
250	65	80.9	304.8	160,000*							65
	70	79.9	303.9	160,000*	80.8	303.5	160,000*				70
	75	78.9	303.0	160,000*	79.8	302.5	160,000*				75
	80	77.9	301.9	160,000*	78.8	301.4	160,000*	80.1	299.9	142,800*	80
	85	76.9	300.7	160,000*	77.8	300.3	160,000*	79.1	298.7	138,400*	85
	90	75.9	299.5	160,000*	76.8	299.0	160,000*	78.0	297.5	134,300*	90
	95	74.9	298.2	160,000*	75.8	297.7	160,000*	77.0	296.1	130,400*	95
	100	73.9	296.7	160,000*	74.8	296.3	160,000*	76.0	294.7	126,800*	100
	105	72.8	295.2	160,000*	73.7	294.7	159,500*	75.0	293.1	123,400*	105
	110	71.8	293.6	160,000*	72.7	293.1	158,300*	73.9	291.5	120,200*	110
	115	70.8	291.8	160,000*	71.7	291.4	157,200*	72.9	289.8	117,200*	115
	120	69.7	290.0	160,000*	70.6	289.5	152,100*	71.9	287.9	114,300*	120
	125	68.7	288.1	160,000*	69.6	287.6	147,200*	70.8	286.0	111,600*	125
	130	67.6	286.0	160,000*	68.5	285.5	142,600*	69.7	283.9	109,000*	130
	135	66.6	283.9	159,300*	67.5	283.4	138,200*	68.7	281.7	106,500*	135
	140	65.5	281.6	158,100*	66.4	281.1	134,200*	67.6	279.5	104,200*	140
	150	63.3	276.8	150,500*	64.2	276.2	126,700*	65.4	274.6	99,900*	150
	160	61.1	271.4	140,700*	62.0	270.9	120,100*	63.2	269.2	96,000*	160
	170	58.9	265.5	132,100*	59.7	265.0	114,200*	60.9	263.2	92,400*	170
	180	56.5	259.1	124,500*	57.4	258.6	108,800*	58.5	256.8	89,200*	180
	190	54.1	252.1	117,700*	55.0	251.6	104,000*	56.1	249.7	86,200*	190
	200	51.7	244.5	111,600*	52.6	243.9	99,600*	53.6	241.9	83,500*	200
	210	49.1	236.1	106,100*	50.0	235.5	95,600*	51.1	233.5	81,000*	210
	220	46.5	226.9	101,200*	47.3	226.3	92,000*				220
	230	43.7	216.8	96,600*	44.6	216.1	88,600*				230
	240	40.8	205.6	90,400*	41.6	205.0	85,600*				240
	250	37.7	193.2	84,600*							250
	260	34.3	179.3	79,300*							260

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
275	70	80.7	329.3	160,000*							70
	75	79.8	328.4	160,000*	80.6	328.0	160,000*				75
	80	78.9	327.4	160,000*	79.7	327.0	160,000*	80.9	325.4	146,500*	80
	85	77.9	326.4	160,000*	78.8	325.9	160,000*	79.9	324.4	142,200*	85
	90	77.0	325.2	160,000*	77.9	324.8	160,000*	79.0	323.2	138,200*	90
	95	76.1	324.0	160,000*	76.9	323.6	160,000*	78.1	322.0	134,400*	95
	100	75.2	322.7	160,000*	76.0	322.2	160,000*	77.1	320.7	130,900*	100
	105	74.2	321.3	160,000*	75.1	320.8	160,000*	76.2	319.3	127,500*	105
	110	73.3	319.8	160,000*	74.1	319.3	159,300*	75.3	317.8	124,300*	110
	115	72.3	318.2	160,000*	73.2	317.8	158,300*	74.3	316.2	121,300*	115
	120	71.4	316.6	160,000*	72.2	316.1	157,200*	73.4	314.5	118,400*	120
	125	70.4	314.8	160,000*	71.3	314.3	155,300*	72.4	312.7	115,700*	125
	130	69.5	312.9	160,000*	70.3	312.5	150,500*	71.4	310.8	113,200*	130
	135	68.5	311.0	160,000*	69.3	310.5	146,100*	70.5	308.9	110,700*	135
	140	67.5	308.9	160,000*	68.4	308.5	141,900*	69.5	306.8	108,400*	140
	150	65.6	304.5	157,700*	66.4	304.0	134,200*	67.5	302.4	104,000*	150
	160	63.6	299.7	151,700*	64.4	299.2	127,300*	65.5	297.5	100,100*	160
	170	61.5	294.4	142,500*	62.4	293.9	121,100*	63.4	292.2	96,400*	170
	180	59.5	288.7	134,300*	60.3	288.2	115,500*	61.3	286.4	93,100*	180
	190	57.3	282.5	126,800*	58.2	281.9	110,500*	59.2	280.1	90,100*	190
	200	55.2	275.7	117,200*	56.0	275.2	105,900*	57.0	273.3	87,300*	200
	210	52.9	268.4	108,500*	53.7	267.8	101,600*	54.7	265.9	84,700*	210
	220	50.6	260.4	100,700*	51.4	259.8	97,800*	52.4	257.8	82,300*	220
	230	48.3	251.7	93,700*	49.0	251.1	94,200*	50.0	249.1	80,100*	230
	240	45.8	242.3	87,300*	46.6	241.7	87,900*				240
	250	43.2	232.0	81,500*	44.0	231.3	82,100*				250
	260	40.5	220.7	76,100*	41.3	220.0	76,600*				260
	270	37.6	208.2	71,200*							270
	280	34.5	194.3	66,700*							280
300	75	80.5	353.8	160,000*							75
	80	79.7	352.9	160,000*	80.5	352.5	160,000*				80
	85	78.8	351.9	160,000*	79.6	351.5	160,000*	80.7	349.9	145,700*	85
	90	78.0	350.9	160,000*	78.8	350.4	160,000*	79.8	348.8	141,800*	90
	95	77.1	349.8	160,000*	77.9	349.3	160,000*	79.0	347.7	138,000*	95
	100	76.3	348.5	160,000*	77.0	348.1	160,000*	78.1	346.5	134,500*	100
	105	75.4	347.2	160,000*	76.2	346.8	160,000*	77.2	345.2	131,200*	105
	110	74.5	345.9	160,000*	75.3	345.4	160,000*	76.4	343.8	128,100*	110
	115	73.7	344.4	160,000*	74.4	343.9	159,000*	75.5	342.3	125,100*	115
	120	72.8	342.9	160,000*	73.6	342.4	158,100*	74.6	340.8	122,300*	120
	125	71.9	341.3	160,000*	72.7	340.8	157,100*	73.7	339.2	119,600*	125
	130	71.0	339.6	160,000*	71.8	339.1	156,200*	72.8	337.4	117,000*	130
	135	70.2	337.8	160,000*	70.9	337.3	153,500*	72.0	335.6	114,600*	135
	140	69.3	335.9	160,000*	70.0	335.4	149,200*	71.1	333.8	112,200*	140
	150	67.5	331.9	159,200*	68.2	331.4	141,300*	69.2	329.7	107,900*	150
	160	65.6	327.5	157,200*	66.4	327.0	134,200*	67.4	325.3	103,900*	160
	170	63.8	322.7	147,200*	64.5	322.2	127,800*	65.5	320.4	100,200*	170
	180	61.9	317.5	134,900*	62.7	316.9	122,000*	63.7	315.2	96,800*	180
	190	60.0	311.8	124,000*	60.7	311.3	116,700*	61.7	309.5	93,700*	190
	200	58.0	305.8	114,300*	58.8	305.2	111,900*	59.8	303.4	90,800*	200
	210	56.0	299.2	105,600*	56.8	298.6	106,500*	57.7	296.8	88,200*	210
	220	54.0	292.1	97,800*	54.7	291.5	98,700*	55.7	289.6	85,700*	220
	230	51.9	284.5	90,700*	52.6	283.9	91,500*	53.6	281.9	83,400*	230
	240	49.7	276.2	84,300*	50.5	275.6	85,000*	51.4	273.6	81,300*	240
	250	47.5	267.3	78,400*	48.2	266.7	79,100*				250
	260	45.2	257.7	73,100*	45.9	257.0	73,700*				260
	270	42.8	247.2	68,100*	43.5	246.5	68,700*				270
	280	40.2	235.8	63,600*	40.9	235.1	64,100*				280
	290	37.6	223.2	59,400*							290
	300	34.7	209.4	55,500*							300

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
325	80	80.4	378.3	160,000*	80.3	376.9	160,000*				80
	85	79.6	377.4	160,000*	79.5	376.0	160,000*	80.5	374.4	145,000*	85
	90	78.8	376.4	160,000*	78.7	374.9	160,000*	79.7	373.3	141,300*	90
	95	78.0	375.4	160,000*	77.9	373.8	160,000*	78.9	372.2	137,900*	95
	100	77.2	374.3	160,000*	77.1	372.6	160,000*	78.1	371.0	134,600*	100
	105	76.4	373.1	160,000*	76.3	371.3	160,000*	77.3	369.7	131,500*	105
	110	75.6	371.8	160,000*	75.5	370.0	159,400*	76.5	368.4	128,600*	110
	115	74.8	370.4	160,000*	74.7	368.5	158,500*	75.7	366.9	125,800*	115
	120	74.0	369.0	160,000*	73.9	367.0	157,600*	74.9	365.4	123,100*	120
	125	73.2	367.5	160,000*	73.1	365.5	156,800*	74.1	363.8	120,600*	125
	130	72.4	365.9	160,000*	72.3	363.8	156,000*	73.2	362.2	118,100*	130
	135	71.6	364.3	160,000*	71.4	362.1	155,200*	72.4	360.4	115,800*	135
	140	70.7	362.5	160,000*	69.8	358.3	148,100*	70.7	356.7	111,400*	140
	150	69.1	358.8	160,000*	68.1	354.3	140,800*	69.1	352.6	107,400*	150
	160	67.4	354.8	157,700*	66.4	349.9	134,200*	67.3	348.2	103,700*	160
	170	65.7	350.4	144,500*	64.7	345.1	128,200*	65.6	343.4	100,300*	170
	180	64.0	345.6	132,100*	62.9	339.9	122,400*	63.8	338.2	97,200*	180
	190	62.2	340.5	121,200*	61.1	334.4	116,600*	62.1	332.6	94,200*	190
	200	60.4	334.9	111,400*	59.3	328.4	103,800*	60.2	326.6	91,500*	200
	210	58.6	329.0	102,700*	57.5	322.0	95,800*	58.4	320.2	89,000*	210
	220	56.8	322.6	94,900*	55.6	315.2	88,700*	56.5	313.3	86,600*	220
	230	54.9	315.7	87,800*	53.7	307.8	82,100*	54.5	305.8	83,200*	230
	240	53.0	308.4	81,300*	51.7	299.9	76,200*	52.5	297.9	77,100*	240
	250	51.0	300.5	75,400*	49.6	291.4	70,700*	50.5	289.3	71,600*	250
	260	48.9	292.0	70,000*	47.5	282.2	65,700*				260
	270	46.8	282.8	65,100*	45.3	272.3	61,100*				270
	280	44.7	273.0	60,500*	43.1	261.7	56,800*				280
	290	42.4	262.4	56,300*	40.7	250.1	52,800*				290
	300	40.0	250.8	52,300*							300
	310	37.5	238.2	48,700*							310
	320	34.9	224.4	45,300*							320
350	85	80.3	402.8	160,000*	81.0	402.4	160,000*				85
	90	79.5	401.9	160,000*	80.2	401.4	160,000*				90
	95	78.8	400.9	160,000*	79.5	400.5	160,000*	80.4	398.9	144,300*	95
	100	78.0	399.9	160,000*	78.7	399.4	160,000*	79.7	397.8	141,000*	100
	105	77.3	398.8	160,000*	78.0	398.3	160,000*	78.9	396.7	137,800*	105
	110	76.5	397.6	160,000*	77.2	397.1	160,000*	78.2	395.5	134,700*	110
	115	75.8	396.3	160,000*	76.5	395.8	159,400*	77.4	394.2	131,800*	115
	120	75.0	395.0	160,000*	75.7	394.5	158,600*	76.6	392.9	129,000*	120
	125	74.3	393.6	160,000*	75.0	393.1	157,800*	75.9	391.5	126,400*	125
	130	73.5	392.1	160,000*	74.2	391.6	157,000*	75.1	390.0	123,900*	130
	135	72.8	390.6	160,000*	73.4	390.1	156,300*	74.4	388.5	121,400*	135
	140	72.0	389.0	160,000*	72.7	388.5	155,500*	73.6	386.8	119,100*	140
	150	70.5	385.5	160,000*	71.1	385.0	154,100*	72.0	383.4	114,800*	150
	160	68.9	381.8	155,300*	69.6	381.3	147,100*	70.5	379.6	110,700*	160
	170	67.3	377.7	141,900*	68.0	377.2	140,300*	68.9	375.5	107,000*	170
	180	65.7	373.3	129,400*	66.4	372.8	130,900*	67.3	371.1	103,600*	180
	190	64.1	368.6	118,400*	64.8	368.0	119,700*	65.7	366.3	100,400*	190
	200	62.5	363.5	108,600*	63.2	362.9	109,900*	64.0	361.2	97,500*	200
	210	60.8	358.0	99,800*	61.5	357.5	101,000*	62.3	355.7	94,700*	210
	220	59.1	352.2	92,000*	59.8	351.6	93,000*	60.6	349.8	92,100*	220
	230	57.4	345.9	84,800*	58.1	345.4	85,800*	58.9	343.5	87,100*	230
	240	55.7	339.2	78,400*	56.3	338.7	79,300*	57.2	336.8	80,500*	240
	250	53.9	332.1	72,500*	54.5	331.5	73,300*	55.3	329.6	74,400*	250
	260	52.1	324.5	67,000*	52.7	323.9	67,800*	53.5	321.9	68,800*	260
	270	50.2	316.4	62,100*	50.8	315.7	62,800*	51.6	313.7	63,700*	270
	280	48.2	307.6	57,500*	48.9	307.0	58,200*	49.7	304.9	59,000*	280
	290	46.3	298.3	53,200*	46.9	297.7	53,900*				290
	300	44.2	288.3	49,300*	44.8	287.6	49,900*				300
	310	42.0	277.5	45,600*	42.7	276.8	46,100*				310
	320	39.8	265.9	42,200*	40.4	265.1	42,700*				320
	330	37.5	253.2	39,000*							330
	340	35.0	239.4	36,000*							340

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
375	85	80.9	428.2	160,000*							85
	90	80.2	427.3	160,000*	80.8	426.9	160,000*				90
	95	79.5	426.4	160,000*	80.1	425.9	160,000*	81.0	424.3	147,100*	95
	100	78.8	425.4	160,000*	79.4	424.9	160,000*	80.3	423.3	143,800*	100
	105	78.1	424.4	160,000*	78.7	423.9	160,000*	79.6	422.3	140,700*	105
	110	77.4	423.3	160,000*	78.0	422.8	159,600*	78.9	421.2	137,700*	110
	115	76.7	422.1	160,000*	77.3	421.6	158,900*	78.2	420.0	134,800*	115
	120	76.0	420.8	160,000*	76.6	420.4	158,200*	77.5	418.7	132,100*	120
	125	75.2	419.5	160,000*	75.9	419.1	157,500*	76.8	417.4	129,400*	125
	130	74.5	418.2	160,000*	75.2	417.7	156,800*	76.0	416.0	126,900*	130
	135	73.8	416.7	160,000*	74.5	416.2	156,100*	75.3	414.6	124,500*	135
	140	73.1	415.2	160,000*	73.7	414.7	155,400*	74.6	413.1	122,200*	140
	150	71.7	412.0	160,000*	72.3	411.5	154,100*	73.2	409.8	117,900*	150
	160	70.2	408.5	153,000*	70.9	408.0	152,900*	71.7	406.3	113,900*	160
	170	68.8	404.7	139,200*	69.4	404.2	140,900*	70.2	402.5	110,200*	170
	180	67.3	400.6	126,700*	67.9	400.1	128,300*	68.7	398.4	106,700*	180
	190	65.8	396.2	115,600*	66.4	395.7	117,100*	67.2	394.0	103,500*	190
	200	64.3	391.5	105,800*	64.9	391.0	107,100*	65.7	389.2	100,500*	200
	210	62.7	386.4	97,000*	63.4	385.9	98,300*	64.2	384.1	97,700*	210
	220	61.2	381.1	89,100*	61.8	380.5	90,300*	62.6	378.7	91,800*	220
	230	59.6	375.3	81,900*	60.2	374.8	83,000*	61.0	372.9	84,400*	230
	240	58.0	369.2	75,400*	58.6	368.6	76,400*	59.4	366.8	77,700*	240
	250	56.4	362.7	69,500*	57.0	362.1	70,400*	57.7	360.2	71,600*	250
	260	54.7	355.7	64,100*	55.3	355.2	64,900*	56.1	353.2	66,000*	260
	270	53.0	348.4	59,100*	53.6	347.8	59,900*	54.4	345.8	60,900*	270
	280	51.2	340.5	54,400*	51.9	339.9	55,200*	52.6	337.9	56,200*	280
	290	49.5	332.2	50,200*	50.1	331.5	50,900*	50.8	329.5	51,800*	290
	300	47.6	323.2	46,200*	48.2	322.6	46,900*				300
	310	45.7	313.7	42,500*	46.3	313.1	43,200*				310
	320	43.8	303.5	39,100*	44.4	302.9	39,700*				320
	330	41.8	292.6	35,900*	42.3	291.9	36,400*				330
	340	39.6	280.9	32,900*	40.2	280.2	33,400*				340
	350	37.4	268.2	30,100*							350
	360	35.1	254.5	27,400*							360
400	90	80.7	452.7	142,700*							90
	95	80.1	451.8	142,700*	80.7	451.4	147,800*				95
	100	79.4	450.9	142,700*	80.0	450.4	147,800*	80.8	448.8	146,400*	100
	105	78.7	449.9	142,700*	79.4	449.4	147,800*	80.2	447.8	143,300*	105
	110	78.1	448.9	142,700*	78.7	448.4	147,800*	79.5	446.8	140,400*	110
	115	77.4	447.8	142,700*	78.0	447.3	147,800*	78.9	445.7	137,600*	115
	120	76.8	446.6	142,700*	77.4	446.1	147,800*	78.2	444.5	134,900*	120
	125	76.1	445.4	142,700*	76.7	444.9	147,800*	77.5	443.2	132,300*	125
	130	75.4	444.1	142,700*	76.0	443.6	147,800*	76.8	442.0	129,800*	130
	135	74.8	442.7	142,700*	75.4	442.2	147,800*	76.2	440.6	127,400*	135
	140	74.1	441.3	142,700*	74.7	440.8	147,800*	75.5	439.2	125,100*	140
	150	72.7	438.3	142,700*	73.3	437.8	147,800*	74.1	436.1	120,800*	150
	160	71.4	435.0	142,700*	72.0	434.5	147,800*	72.8	432.8	116,800*	160
	170	70.0	431.4	136,600*	70.6	430.9	138,400*	71.4	429.3	113,100*	170
	180	68.6	427.6	124,000*	69.2	427.1	125,700*	70.0	425.4	109,600*	180
	190	67.2	423.5	112,900*	67.8	423.0	114,400*	68.6	421.3	106,400*	190
	200	65.8	419.1	103,000*	66.4	418.6	104,400*	67.2	416.9	103,400*	200
	210	64.4	414.4	94,200*	65.0	413.9	95,500*	65.7	412.1	97,300*	210
	220	62.9	409.4	86,200*	63.5	408.9	87,500*	64.3	407.1	89,100*	220
	230	61.5	404.1	79,000*	62.1	403.6	80,200*	62.8	401.8	81,700*	230
	240	60.0	398.4	72,500*	60.6	397.9	73,600*	61.3	396.1	75,000*	240
	250	58.5	392.4	66,500*	59.1	391.9	67,600*	59.8	390.0	68,900*	250
	260	57.0	386.1	61,100*	57.5	385.5	62,000*	58.3	383.6	63,300*	260
	270	55.4	379.3	56,100*	56.0	378.7	57,000*	56.7	376.8	58,100*	270
	280	53.8	372.1	51,400*	54.4	371.5	52,300*	55.1	369.6	53,300*	280
	290	52.2	364.5	47,100*	52.8	363.9	47,900*	53.5	361.9	48,900*	290
	300	50.5	356.4	43,200*	51.1	355.8	43,900*	51.8	353.8	44,800*	300
	310	48.8	347.9	39,500*	49.4	347.3	40,200*	50.1	345.1	41,000*	310
	320	47.1	338.8	36,000*	47.6	338.1	36,700*				320
	330	45.3	329.1	32,800*	45.8	328.4	33,400*				330
	340	43.4	318.8	29,800*	44.0	318.1	30,300*				340
	350	41.5	307.8	27,000*	42.0	307.0	27,500*				350
	360	39.5	295.9	24,300*	40.0	295.2	24,800*				360
	370	37.4	283.2	21,800*							370
	380	35.2	269.5	19,400*							380

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
175	60	80.3	249.8	140,300*							60
	65	79.0	248.8	137,800*	80.8	248.2	127,900*				65
	70	77.8	247.7	135,300*	79.5	247.1	125,900*				70
	75	76.6	246.5	133,000*	78.3	245.9	124,100*	80.6	243.8	108,300*	75
	80	75.3	245.2	130,800*	77.1	244.6	122,200*	79.4	242.5	104,100*	80
	85	74.1	243.8	128,600*	75.8	243.1	120,500*	78.1	241.1	100,200*	85
	90	72.8	242.2	126,600*	74.5	241.6	118,800*	76.8	239.5	96,600*	90
	95	71.6	240.5	124,600*	73.3	239.9	117,200*	75.5	237.8	93,300*	95
	100	70.3	238.7	122,700*	72.0	238.1	113,300*	74.2	236.0	90,200*	100
	105	69.0	236.8	120,900*	70.7	236.1	108,500*	72.9	234.0	87,300*	105
	110	67.7	234.7	119,100*	69.4	234.1	104,200*	71.6	231.9	84,600*	110
	115	66.4	232.5	117,400*	68.1	231.9	100,100*	70.3	229.7	82,100*	115
	120	65.1	230.2	113,500*	66.7	229.5	96,400*	68.9	227.3	79,800*	120
	125	63.7	227.7	108,500*	65.4	227.0	93,000*	67.6	224.8	77,500*	125
	130	62.4	225.1	104,000*	64.0	224.4	89,800*	66.2	222.1	75,500*	130
	135	61.0	222.3	99,800*	62.7	221.6	86,800*	64.8	219.3	73,500*	135
	140	59.6	219.4	96,000*	61.3	218.7	84,000*	63.4	216.3	71,700*	140
	150	56.7	213.0	89,100*	58.4	212.2	78,900*	60.5	209.8	68,300*	150
	160	53.8	205.9	83,100*	55.4	205.1	74,400*	57.5	202.6	65,300*	160
	170	50.7	197.9	77,800*	52.3	197.1	70,500*	54.4	194.5	62,500*	170
	180	47.5	189.0	73,200*	49.1	188.1	66,900*	51.1	185.4	60,100*	180
	190	44.1	179.0	69,000*	45.7	178.1	63,800*				190
	200	40.5	167.7	65,300*	42.0	166.7	60,900*				200
	210	36.5	154.8	62,000*							210
200	65	80.1	274.3	139,200*							65
	70	79.0	273.3	137,000*	80.6	272.7	127,100*				70
	75	77.9	272.2	134,900*	79.4	271.6	125,400*				75
	80	76.8	271.1	132,800*	78.3	270.4	123,700*	80.4	268.3	107,600*	80
	85	75.6	269.8	130,800*	77.2	269.1	122,100*	79.3	267.0	103,800*	85
	90	74.5	268.4	128,900*	76.1	267.7	120,500*	78.1	265.6	100,300*	90
	95	73.4	266.9	127,000*	74.9	266.2	119,000*	77.0	264.0	97,100*	95
	100	72.2	265.2	125,300*	73.8	264.6	117,600*	75.8	262.4	94,000*	100
	105	71.1	263.5	123,500*	72.6	262.8	115,800*	74.7	260.7	91,200*	105
	110	69.9	261.7	121,800*	71.5	261.0	111,300*	73.5	258.8	88,500*	110
	115	68.8	259.7	120,200*	70.3	259.0	107,100*	72.3	256.8	86,000*	115
	120	67.6	257.7	118,700*	69.1	257.0	103,300*	71.1	254.7	83,700*	120
	125	66.4	255.5	117,200*	67.9	254.8	99,700*	69.9	252.5	81,400*	125
	130	65.2	253.1	114,000*	66.7	252.4	96,300*	68.7	250.2	79,300*	130
	135	64.0	250.7	109,500*	65.5	250.0	93,200*	67.5	247.7	77,400*	135
	140	62.8	248.1	105,300*	64.3	247.4	90,300*	66.2	245.1	75,500*	140
	150	60.3	242.5	97,800*	61.8	241.8	85,000*	63.7	239.4	72,000*	150
	160	57.7	236.3	91,300*	59.2	235.6	80,300*	61.1	233.1	68,900*	160
	170	55.1	229.5	85,500*	56.6	228.7	76,100*	58.4	226.2	66,200*	170
	180	52.3	222.0	80,500*	53.8	221.2	72,300*	55.7	218.6	63,600*	180
	190	49.5	213.7	76,000*	51.0	212.8	68,900*	52.8	210.1	61,300*	190
	200	46.6	204.5	72,000*	48.0	203.6	65,900*				200
	210	43.4	194.2	68,300*	44.9	193.3	63,100*				210
	220	40.1	182.8	65,000*	41.5	181.8	60,600*				220
	230	36.6	169.8	62,100*							230
225	65	81.0	299.7	140,200*							65
	70	80.0	298.8	138,200*							70
	75	78.9	297.8	136,200*	80.4	297.1	126,300*				75
	80	77.9	296.7	134,300*	79.4	296.1	124,700*				80
	85	76.9	295.6	132,500*	78.3	294.9	123,300*	80.2	292.7	107,000*	85
	90	75.9	294.3	130,700*	77.3	293.6	121,800*	79.2	291.4	103,600*	90
	95	74.9	292.9	129,000*	76.3	292.3	120,400*	78.2	290.1	100,400*	95
	100	73.8	291.5	127,300*	75.2	290.8	119,100*	77.1	288.6	97,400*	100
	105	72.8	289.9	125,700*	74.2	289.2	117,800*	76.1	287.0	94,600*	105
	110	71.7	288.3	124,100*	73.1	287.6	116,500*	75.0	285.3	92,000*	110
	115	70.7	286.5	122,600*	72.1	285.8	113,700*	73.9	283.6	89,500*	115
	120	69.6	284.6	121,100*	71.0	283.9	109,700*	72.9	281.7	87,200*	120
	125	68.5	282.7	119,600*	69.9	281.9	106,000*	71.8	279.7	85,000*	125
	130	67.5	280.6	118,200*	68.9	279.9	102,500*	70.7	277.6	82,900*	130
	135	66.4	278.4	116,900*	67.8	277.7	99,300*	69.6	275.3	80,900*	135
	140	65.3	276.1	114,400*	66.7	275.3	96,300*	68.5	273.0	79,000*	140
	150	63.1	271.1	106,400*	64.5	270.4	90,700*	66.2	268.0	75,500*	150
	160	60.8	265.6	99,300*	62.2	264.9	85,800*	63.9	262.4	72,400*	160
	170	58.5	259.6	93,200*	59.9	258.8	81,400*	61.6	256.4	69,500*	170
	180	56.1	253.0	87,700*	57.5	252.2	77,500*	59.2	249.7	66,900*	180
	190	53.7	245.9	82,800*	55.0	245.0	73,900*	56.7	242.4	64,500*	190
	200	51.1	238.0	78,500*	52.5	237.1	70,700*	54.1	234.4	62,400*	200
	210	48.5	229.3	74,600*	49.8	228.5	67,700*	51.5	225.6	60,400*	210
	220	45.8	219.9	71,000*	47.1	218.9	65,000*				220
	230	42.9	209.4	67,700*	44.2	208.4	62,600*				230
	240	39.9	197.8	64,800*	41.1	196.8	60,300*				240
	250	36.6	184.8	62,100*							250
	260	33.1	170.1	59,600*							260

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
250	70	80.8	324.2	138,800*							70
	75	79.8	323.3	137,100*							75
	80	78.9	322.3	135,400*	80.2	321.6	125,500*				80
	85	78.0	321.2	133,700*	79.3	320.6	124,100*				85
	90	77.0	320.1	132,100*	78.3	319.4	122,800*	80.1	317.2	106,500*	90
	95	76.1	318.8	130,500*	77.4	318.1	121,500*	79.1	315.9	103,400*	95
	100	75.1	317.5	128,900*	76.4	316.8	120,200*	78.2	314.6	100,500*	100
	105	74.2	316.1	127,400*	75.5	315.4	119,000*	77.2	313.1	97,700*	105
	110	73.2	314.6	125,900*	74.5	313.9	117,800*	76.3	311.6	95,100*	110
	115	72.3	312.9	124,500*	73.6	312.2	116,600*	75.3	310.0	92,700*	115
	120	71.3	311.2	123,000*	72.6	310.5	115,500*	74.3	308.3	90,400*	120
	125	70.3	309.5	121,700*	71.6	308.7	112,000*	73.3	306.5	88,200*	125
	130	69.4	307.6	120,300*	70.7	306.8	108,400*	72.3	304.5	86,100*	130
	135	68.4	305.6	119,100*	69.7	304.8	105,100*	71.3	302.5	84,100*	135
	140	67.4	303.5	117,800*	68.7	302.8	101,900*	70.3	300.4	82,200*	140
	150	65.4	299.0	114,800*	66.7	298.2	96,200*	68.3	295.9	78,700*	150
	160	63.3	294.1	107,300*	64.6	293.3	91,100*	66.3	290.9	75,500*	160
	170	61.3	288.7	100,700*	62.5	287.9	86,500*	64.2	285.5	72,600*	170
	180	59.2	282.8	94,800*	60.4	282.0	82,400*	62.0	279.5	70,000*	180
	190	57.0	276.5	89,600*	58.2	275.7	78,700*	59.8	273.1	67,600*	190
	200	54.8	269.5	84,900*	56.0	268.7	75,300*	57.6	266.1	65,300*	200
	210	52.5	262.0	80,700*	53.7	261.2	72,200*	55.2	258.4	63,300*	210
	220	50.1	253.8	76,900*	51.3	252.9	69,300*	52.8	250.1	61,400*	220
	230	47.7	244.9	73,400*	48.9	244.0	66,700*	50.4	241.1	59,600*	230
	240	45.1	235.2	70,200*	46.3	234.2	64,300*				240
	250	42.4	224.6	67,300*	43.6	223.5	62,100*				250
	260	39.6	212.8	64,600*	40.8	211.8	60,100*				260
	270	36.6	199.8	62,100*							270
	280	33.4	185.2	59,800*							280
275	75	80.6	348.7	137,500*							75
	80	79.7	347.8	136,000*	81.0	347.1	125,800*				80
	85	78.9	346.8	134,400*	80.1	346.1	124,700*				85
	90	78.0	345.7	133,000*	79.2	345.0	123,400*	80.8	342.8	109,100*	90
	95	77.1	344.6	131,500*	78.3	343.9	122,200*	80.0	341.6	106,100*	95
	100	76.3	343.4	130,100*	77.5	342.7	121,100*	79.1	340.4	103,300*	100
	105	75.4	342.0	128,600*	76.6	341.3	120,000*	78.2	339.1	100,600*	105
	110	74.5	340.6	127,300*	75.7	339.9	118,800*	77.3	337.7	98,000*	110
	115	73.6	339.2	125,900*	74.8	338.5	117,700*	76.4	336.2	95,600*	115
	120	72.7	337.6	124,600*	73.9	336.9	116,700*	75.5	334.6	93,300*	120
	125	71.9	336.0	123,300*	73.0	335.2	115,700*	74.6	332.9	91,100*	125
	130	71.0	334.2	122,100*	72.2	333.5	113,900*	73.7	331.2	89,000*	130
	135	70.1	332.4	120,800*	71.2	331.7	110,500*	72.8	329.3	87,100*	135
	140	69.1	330.5	119,600*	70.3	329.8	107,300*	71.9	327.4	85,200*	140
	150	67.3	326.4	117,300*	68.5	325.6	101,400*	70.0	323.3	81,700*	150
	160	65.5	321.9	115,100*	66.6	321.2	96,200*	68.2	318.7	78,500*	160
	170	63.6	317.0	108,100*	64.8	316.3	91,400*	66.3	313.8	75,600*	170
	180	61.7	311.7	101,800*	62.8	311.0	87,200*	64.3	308.5	72,900*	180
	190	59.7	306.0	96,300*	60.9	305.2	83,300*	62.4	302.7	70,400*	190
	200	57.7	299.8	91,300*	58.9	299.0	79,700*	60.3	296.4	68,100*	200
	210	55.7	293.1	86,800*	56.8	292.3	76,500*	58.3	289.6	66,000*	210
	220	53.6	285.8	82,700*	54.7	285.0	73,500*	56.2	282.3	64,100*	220
	230	51.4	278.0	79,000*	52.6	277.2	70,800*	54.0	274.3	62,200*	230
	240	49.2	269.6	75,600*	50.4	268.7	68,200*	51.7	265.8	60,600*	240
	250	46.9	260.4	72,400*	48.1	259.5	65,900*				250
	260	44.5	250.5	69,500*	45.7	249.5	63,800*				260
	270	42.0	239.7	66,900*	43.1	238.7	61,700*				270
	280	39.4	227.9	64,400*	40.5	226.8	59,900*				280
	290	36.6	214.8	62,100*							290
	300	33.7	200.3	59,700*							300

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
300	80	80.5	373.2	136,100*	80.8	371.6	124,800*				80
	85	79.7	372.3	134,700*	80.0	370.6	123,700*				85
	90	78.8	371.3	133,400*	79.2	369.5	122,700*	80.7	367.3	108,600*	90
	95	78.0	370.2	132,100*	78.4	368.4	121,600*	79.9	366.1	105,800*	95
	100	77.2	369.1	130,800*	77.5	367.2	120,600*	79.0	364.9	103,100*	100
	105	76.4	367.9	129,500*	76.7	365.9	119,500*	78.2	363.6	100,600*	105
	110	75.6	366.6	128,200*	75.9	364.5	118,500*	77.4	362.2	98,200*	110
	115	74.8	365.2	127,000*	75.1	363.0	117,600*	76.6	360.7	96,000*	115
	120	74.0	363.8	125,700*	74.3	361.5	116,600*	75.7	359.2	93,800*	120
	125	73.1	362.2	124,500*	73.4	359.9	115,600*	74.9	357.6	91,800*	125
	130	72.3	360.6	123,400*	72.6	358.2	114,700*	74.1	355.9	89,800*	130
	135	71.5	359.0	122,200*	71.8	356.5	112,400*	73.2	354.1	87,900*	135
	140	70.6	357.2	121,100*	70.1	352.7	106,400*	71.5	350.3	84,400*	140
	150	69.0	353.4	118,900*	68.4	348.6	101,000*	69.8	346.1	81,200*	150
	160	67.3	349.3	116,800*	66.6	344.1	96,100*	68.1	341.6	78,300*	160
	170	65.5	344.8	114,800*	64.9	339.2	91,700*	66.3	336.7	75,600*	170
	180	63.8	340.0	108,800*	63.1	334.0	87,700*	64.5	331.4	73,100*	180
	190	62.0	334.8	102,900*	61.3	328.3	84,000*	62.7	325.8	70,700*	190
	200	60.2	329.1	97,600*	59.4	322.2	80,700*	60.8	319.6	68,600*	200
	210	58.3	323.1	92,800*	57.5	315.7	77,600*	58.9	313.0	66,600*	210
	220	56.5	316.5	88,500*	55.6	308.7	74,700*	56.9	305.9	64,700*	220
	230	54.5	309.5	84,500*	53.6	301.1	72,100*	54.9	298.3	63,000*	230
	240	52.6	302.0	80,900*	51.6	293.0	69,600*	52.9	290.1	61,400*	240
	250	50.5	293.9	77,500*	49.5	284.3	67,300*	50.8	281.3	59,900*	250
	260	48.4	285.2	74,300*	47.3	274.9	65,200*				260
	270	46.3	275.9	69,400*	45.1	264.8	63,300*				270
	280	44.0	265.8	64,800*	42.7	253.7	61,200*				280
	290	41.7	254.8	60,600*	40.3	241.8	57,200*				290
	300	39.2	242.9	56,600*							300
	310	36.7	229.8	53,000*							310
	320	33.9	215.4	49,600*							320
325	85	80.3	397.7	134,500*	80.6	396.1	123,700*				85
	90	79.6	396.8	133,400*	79.9	395.1	122,800*				90
	95	78.8	395.8	132,200*	79.1	394.0	121,800*	80.5	391.7	108,000*	95
	100	78.1	394.7	131,000*	78.4	392.9	120,900*	79.8	390.6	105,500*	100
	105	77.3	393.6	129,900*	77.6	391.7	120,000*	79.0	389.4	103,000*	105
	110	76.6	392.4	128,700*	76.8	390.4	119,000*	78.2	388.1	100,700*	110
	115	75.8	391.1	127,600*	76.1	389.0	118,100*	77.5	386.7	98,400*	115
	120	75.0	389.8	126,500*	75.3	387.6	117,200*	76.7	385.3	96,300*	120
	125	74.3	388.4	125,400*	74.5	386.1	116,400*	75.9	383.8	94,300*	125
	130	73.5	386.9	124,300*	73.8	384.6	115,500*	75.1	382.2	92,300*	130
	135	72.7	385.3	123,200*	73.0	382.9	114,700*	74.4	380.6	90,500*	135
	140	71.9	383.7	122,200*	71.4	379.4	111,200*	72.8	377.0	87,000*	140
	150	70.4	380.2	120,100*	69.8	375.6	105,600*	71.2	373.2	83,800*	150
	160	68.8	376.4	118,200*	68.2	371.5	100,600*	69.6	369.0	80,800*	160
	170	67.2	372.2	116,200*	66.6	367.0	96,100*	67.9	364.5	78,100*	170
	180	65.6	367.8	114,400*	65.0	362.2	92,000*	66.3	359.6	75,600*	180
	190	63.9	362.9	109,400*	63.3	357.0	88,200*	64.6	354.4	73,200*	190
	200	62.3	357.8	103,800*	61.6	351.4	84,700*	62.9	348.8	71,100*	200
	210	60.6	352.2	98,700*	59.9	345.5	81,500*	61.2	342.8	69,000*	210
	220	58.9	346.3	94,200*	58.1	339.1	78,500*	59.4	336.4	67,100*	220
	230	57.1	339.9	89,100*	56.4	332.3	75,800*	57.6	329.5	65,400*	230
	240	55.4	333.1	82,600*	54.5	325.0	73,200*	55.8	322.2	63,700*	240
	250	53.5	325.8	76,700*	52.7	317.2	70,900*	53.9	314.3	62,200*	250
	260	51.7	318.1	71,300*	50.7	308.8	67,300*	51.9	305.9	60,700*	260
	270	49.7	309.7	66,300*	48.7	299.9	62,600*	49.9	296.8	59,400*	270
	280	47.8	300.8	61,700*	46.7	290.3	58,300*				280
	290	45.7	291.3	57,500*	44.6	280.0	54,300*				290
	300	43.6	281.0	53,500*	42.4	268.8	50,600*				300
	310	41.4	269.9	49,900*	40.0	256.8	47,100*				310
	320	39.1	257.9	46,500*							320
	330	36.7	244.8	43,300*							330
	340	34.1	230.5	40,300*							340

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
350	85	80.9	423.1	133,800*							85
	90	80.2	422.2	132,800*							90
	95	79.5	421.3	131,800*	80.5	420.6	122,600*				95
	100	78.8	420.3	130,800*	79.8	419.6	121,700*				100
	105	78.1	419.2	129,800*	79.1	418.5	120,900*	80.4	416.2	107,600*	105
	110	77.4	418.1	128,800*	78.4	417.4	120,100*	79.7	415.0	105,200*	110
	115	76.7	416.9	127,800*	77.7	416.2	119,200*	79.0	413.8	102,900*	115
	120	76.0	415.7	126,800*	76.9	414.9	118,400*	78.2	412.6	100,700*	120
	125	75.2	414.3	125,800*	76.2	413.6	117,600*	77.5	411.2	98,600*	125
	130	74.5	412.9	124,800*	75.5	412.2	116,800*	76.8	409.8	96,600*	130
	135	73.8	411.5	123,800*	74.8	410.7	116,000*	76.1	408.4	94,700*	135
	140	73.1	409.9	122,900*	74.1	409.2	115,200*	75.3	406.8	92,800*	140
	150	71.6	406.7	121,000*	72.6	405.9	113,700*	73.9	403.5	89,400*	150
	160	70.1	403.1	119,100*	71.1	402.4	110,100*	72.4	400.0	86,200*	160
	170	68.7	399.3	117,300*	69.6	398.5	105,000*	70.9	396.1	83,200*	170
	180	67.2	395.1	115,600*	68.1	394.4	100,300*	69.4	391.9	80,500*	180
	190	65.6	390.7	114,000*	66.6	389.9	96,100*	67.8	387.4	78,000*	190
	200	64.1	385.9	109,900*	65.1	385.1	92,200*	66.3	382.6	75,600*	200
	210	62.5	380.8	101,300*	63.5	380.0	88,600*	64.7	377.4	73,400*	210
	220	61.0	375.3	93,400*	61.9	374.5	85,300*	63.1	371.9	71,300*	220
	230	59.4	369.5	86,200*	60.3	368.6	82,200*	61.5	366.0	69,400*	230
	240	57.7	363.2	79,700*	58.7	362.4	79,400*	59.9	359.7	67,600*	240
	250	56.1	356.6	73,800*	57.0	355.7	75,000*	58.2	353.0	65,900*	250
	260	54.4	349.5	68,300*	55.3	348.7	69,500*	56.5	345.9	64,300*	260
	270	52.6	342.0	63,300*	53.6	341.1	64,400*	54.7	338.3	62,800*	270
	280	50.9	334.0	58,700*	51.8	333.1	59,700*	52.9	330.2	61,100*	280
	290	49.0	325.5	54,500*	50.0	324.5	55,400*	51.1	321.5	56,600*	290
	300	47.2	316.4	50,500*	48.1	315.4	51,400*				300
	310	45.2	306.6	46,800*	46.1	305.6	47,600*				310
	320	43.2	296.2	43,400*	44.1	295.1	44,100*				320
	330	41.1	285.0	40,200*	42.0	283.9	40,800*				330
	340	39.0	272.9	37,200*							340
	350	36.7	259.8	34,300*							350
	360	34.3	245.6	31,700*							360
375	90	80.8	447.6	131,800*							90
	95	80.1	446.7	130,900*							95
	100	79.4	445.8	130,100*	80.4	445.1	121,300*				100
	105	78.8	444.8	129,200*	79.7	444.1	120,600*	81.0	441.7	109,600*	105
	110	78.1	443.7	128,400*	79.0	443.0	119,900*	80.3	440.7	107,200*	110
	115	77.4	442.6	127,500*	78.4	441.9	119,100*	79.6	439.5	105,000*	115
	120	76.8	441.4	126,600*	77.7	440.7	118,400*	78.9	438.3	102,800*	120
	125	76.1	440.2	125,700*	77.0	439.4	117,700*	78.3	437.1	100,700*	125
	130	75.4	438.9	124,900*	76.4	438.1	116,900*	77.6	435.8	98,800*	130
	135	74.7	437.5	124,000*	75.7	436.8	116,200*	76.9	434.4	96,900*	135
	140	74.1	436.1	123,100*	75.0	435.3	115,500*	76.2	432.9	95,000*	140
	150	72.7	433.0	121,400*	73.6	432.2	114,100*	74.8	429.9	91,600*	150
	160	71.3	429.7	119,700*	72.2	428.9	112,700*	73.4	426.5	88,400*	160
	170	69.9	426.1	118,100*	70.8	425.3	109,100*	72.0	422.9	85,500*	170
	180	68.5	422.2	116,500*	69.4	421.4	104,400*	70.6	419.0	82,800*	180
	190	67.1	418.0	114,900*	68.0	417.3	100,000*	69.2	414.8	80,200*	190
	200	65.7	413.6	107,300*	66.6	412.8	96,000*	67.8	410.3	77,800*	200
	210	64.2	408.8	98,500*	65.1	408.0	92,400*	66.3	405.5	75,600*	210
	220	62.8	403.8	90,500*	63.7	402.9	89,000*	64.8	400.4	73,500*	220
	230	61.3	398.3	83,300*	62.2	397.5	84,900*	63.3	394.9	71,600*	230
	240	59.8	392.6	76,800*	60.7	391.8	78,200*	61.8	389.1	69,700*	240
	250	58.2	386.5	70,800*	59.1	385.7	72,200*	60.3	382.9	68,000*	250
	260	56.7	380.0	65,400*	57.6	379.2	66,600*	58.7	376.4	66,400*	260
	270	55.1	373.1	60,400*	56.0	372.3	61,500*	57.1	369.5	63,200*	270
	280	53.5	365.8	55,700*	54.4	364.9	56,800*	55.5	362.1	58,400*	280
	290	51.8	358.1	51,400*	52.7	357.2	52,500*	53.8	354.3	53,900*	290
	300	50.1	349.9	47,500*	51.0	348.9	48,400*	52.1	345.9	49,800*	300
	310	48.4	341.1	43,800*	49.3	340.2	44,700*	50.3	337.1	45,900*	310
	320	46.6	331.8	40,300*	47.5	330.9	41,200*				320
	330	44.8	321.9	37,100*	45.6	320.9	37,900*				330
	340	42.9	311.4	34,100*	43.7	310.3	34,800*				340
	350	40.9	300.1	31,200*	41.7	299.0	31,900*				350
	360	38.8	287.9	28,600*							360
	370	36.7	274.8	26,000*							370
	380	34.4	260.6	23,700*							380

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
400	95	80.7	472.1	129,400*	80.9	470.5	120,500*				95
	100	80.0	471.2	128,800*	80.3	469.5	119,900*				100
	105	79.4	470.3	128,100*	79.6	468.5	119,300*	80.8	466.2	109,100*	105
	110	78.8	469.3	127,400*	79.0	467.5	118,600*	80.2	465.1	106,900*	110
	115	78.1	468.2	126,600*	78.4	466.4	118,000*	79.6	464.0	104,800*	115
	120	77.5	467.1	125,900*	77.7	465.2	117,300*	78.9	462.8	102,700*	120
	125	76.9	465.9	125,200*	77.1	464.0	116,700*	78.3	461.6	100,800*	125
	130	76.2	464.7	124,400*	76.5	462.7	116,100*	77.6	460.3	98,900*	130
	135	75.6	463.4	123,600*	75.8	461.3	115,400*	77.0	458.9	97,100*	135
	140	74.9	462.1	122,900*	74.5	458.4	114,200*	75.7	456.0	93,700*	140
	150	73.7	459.2	121,400*	73.2	455.3	112,900*	74.4	452.9	90,500*	150
	160	72.4	456.0	119,900*	71.9	451.9	111,700*	73.1	449.5	87,600*	160
	170	71.1	452.7	118,400*	70.6	448.3	108,300*	71.7	445.8	84,900*	170
	180	69.7	449.0	116,900*	69.3	444.3	103,900*	70.4	441.9	82,300*	180
	190	68.4	445.1	114,400*	67.9	440.2	99,800*	69.1	437.7	80,000*	190
	200	67.1	441.0	104,500*	66.6	435.7	96,000*	67.7	433.2	77,700*	200
	210	65.7	436.5	95,600*	65.2	431.0	89,500*	66.3	428.4	75,600*	210
	220	64.4	431.8	87,700*	63.8	425.9	82,100*	64.9	423.3	73,700*	220
	230	63.0	426.7	80,500*	62.4	420.6	75,500*	63.5	417.9	71,800*	230
	240	61.6	421.4	73,900*	61.0	414.9	69,400*	62.1	412.2	70,100*	240
	250	60.1	415.7	67,900*	59.6	408.9	63,800*	60.6	406.2	65,700*	250
	260	58.7	409.7	62,400*	58.1	402.5	58,700*	59.1	399.8	60,500*	260
	270	57.2	403.4	57,400*	56.6	395.8	54,000*	57.6	393.0	55,600*	270
	280	55.7	396.7	52,700*	55.1	388.7	49,600*	56.1	385.8	51,200*	280
	290	54.2	389.5	48,400*	53.5	381.1	45,500*	54.5	378.2	47,000*	290
	300	52.7	382.0	44,500*	51.9	373.1	41,700*	52.9	370.2	43,100*	300
	310	51.1	374.1	40,700*	50.3	364.7	38,200*	51.3	361.6	39,500*	310
	320	49.5	365.7	37,300*	48.7	355.8	34,900*				320
	330	47.8	356.7	34,000*	46.9	346.3	31,800*				330
	340	46.1	347.3	31,000*	45.2	336.2	28,900*				340
	350	44.4	337.2	28,200*	43.4	325.5	26,200*				350
	360	42.6	326.5	25,500*	41.5	314.0	23,600*				360
	370	40.7	315.1	22,900*							370
	380	38.7	302.9	20,600*							380
	390	36.7	289.8	18,300*							390
	400	34.6	275.7	16,200*							400

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
175	65	80.5	269.1	116,100*							65
	70	79.3	268.1	114,100*							70
	75	78.2	267.0	112,200*	80.3	266.1	104,600*				75
	80	77.1	265.8	110,300*	79.2	264.9	103,000*				80
	85	75.9	264.5	108,600*	78.0	263.6	101,500*	80.9	260.8	77,500*	85
	90	74.8	263.1	106,900*	76.9	262.1	99,300*	79.7	259.4	74,700*	90
	95	73.6	261.5	105,200*	75.7	260.6	94,800*	78.5	257.8	72,100*	95
	100	72.4	259.9	103,500*	74.5	258.9	90,700*	77.4	256.1	69,700*	100
	105	71.3	258.1	102,000*	73.4	257.2	87,000*	76.2	254.3	67,400*	105
	110	70.1	256.2	100,100*	72.2	255.3	83,500*	75.0	252.4	65,300*	110
	115	68.9	254.2	95,400*	71.0	253.3	80,300*	73.7	250.4	63,400*	115
	120	67.7	252.1	91,100*	69.8	251.2	77,300*	72.5	248.2	61,500*	120
	125	66.5	249.9	87,200*	68.5	248.9	74,600*	71.3	246.0	59,800*	125
	130	65.2	247.5	83,600*	67.3	246.5	72,000*	70.0	243.5	58,100*	130
	135	64.0	245.0	80,300*	66.1	244.0	69,600*	68.8	241.0	56,600*	135
	140	62.7	242.3	77,300*	64.8	241.3	67,400*	67.5	238.3	55,100*	140
	150	60.2	236.6	71,700*	62.2	235.6	63,300*	64.9	232.5	52,500*	150
	160	57.6	230.3	66,900*	59.6	229.2	59,700*	62.2	226.0	50,100*	160
	170	54.8	223.2	62,700*	56.9	222.1	56,500*	59.4	218.8	47,900*	170
	180	52.0	215.5	59,000*	54.0	214.3	53,600*	56.6	210.9	45,900*	180
200	190	49.1	206.9	55,600*	51.1	205.7	51,000*	53.6	202.1	44,200*	190
	200	46.0	197.3	52,600*	48.0	196.1	48,700*				200
	210	42.8	186.7	50,000*	44.7	185.3	46,500*				210
	220	39.3	174.7	47,500*	41.2	173.2	44,600*				220
	230	35.6	161.0	45,300*							230
	70	80.3	293.6	115,200*							70
	75	79.3	292.6	113,400*							75
	80	78.2	291.5	111,800*	80.2	290.6	104,000*				80
	85	77.2	290.3	110,100*	79.1	289.4	102,600*				85
	90	76.1	289.0	108,500*	78.1	288.1	101,300*	80.7	285.2	76,900*	90
	95	75.1	287.7	106,900*	77.0	286.7	99,900*	79.6	283.8	74,400*	95
	100	74.0	286.2	105,400*	76.0	285.2	95,700*	78.5	282.3	72,100*	100
	105	73.0	284.6	104,000*	74.9	283.6	91,900*	77.5	280.7	69,900*	105
	110	71.9	282.9	102,500*	73.8	281.9	88,400*	76.4	279.0	67,800*	110
	115	70.8	281.1	101,100*	72.7	280.1	85,100*	75.3	277.1	65,900*	115
	120	69.8	279.2	98,800*	71.7	278.2	82,100*	74.2	275.2	64,100*	120
	125	68.7	277.2	94,600*	70.6	276.2	79,300*	73.1	273.2	62,300*	125
	130	67.6	275.0	90,800*	69.5	274.0	76,600*	72.0	271.0	60,700*	130
	135	66.5	272.8	87,200*	68.3	271.8	74,200*	70.8	268.7	59,200*	135
	140	65.3	270.4	83,900*	67.2	269.4	71,900*	69.7	266.3	57,700*	140
	150	63.1	265.3	78,000*	64.9	264.3	67,600*	67.4	261.2	55,000*	150
	160	60.8	259.7	72,900*	62.6	258.7	63,900*	65.0	255.5	52,600*	160
	170	58.4	253.6	68,400*	60.2	252.5	60,500*	62.6	249.2	50,400*	170
	180	55.9	246.9	64,300*	57.8	245.7	57,500*	60.1	242.3	48,400*	180
	190	53.4	239.5	60,700*	55.2	238.3	54,800*	57.6	234.8	46,600*	190
	200	50.8	231.4	57,500*	52.6	230.1	52,300*	54.9	226.5	44,900*	200
	210	48.1	222.4	54,600*	49.9	221.2	50,100*	52.1	217.4	43,400*	210
	220	45.3	212.6	52,000*	47.0	211.3	48,000*				220
	230	42.3	201.8	49,600*	44.0	200.3	46,100*				230
	240	39.1	189.6	47,400*							240
	250	35.7	176.0	45,400*							250
225	75	80.1	318.1	114,300*							75
	80	79.2	317.1	112,700*	81.0	316.1	104,600*				80
	85	78.2	316.0	111,200*	80.0	315.0	103,400*				85
	90	77.3	314.8	109,800*	79.1	313.9	102,100*				90
	95	76.3	313.6	108,300*	78.1	312.6	101,000*	80.5	309.6	76,500*	95
	100	75.4	312.2	106,900*	77.1	311.2	99,800*	79.5	308.3	74,200*	100
	105	74.4	310.8	105,500*	76.2	309.8	96,500*	78.5	306.8	72,100*	105
	110	73.4	309.2	104,200*	75.2	308.2	93,000*	77.5	305.2	70,100*	110
	115	72.5	307.6	102,900*	74.2	306.6	89,700*	76.6	303.6	68,200*	115
	120	71.5	305.9	101,600*	73.2	304.8	86,600*	75.6	301.8	66,400*	120
	125	70.5	304.0	100,400*	72.2	303.0	83,700*	74.6	300.0	64,700*	125
	130	69.5	302.1	97,700*	71.2	301.1	81,000*	73.5	298.0	63,100*	130
	135	68.5	300.1	93,900*	70.2	299.0	78,500*	72.5	295.9	61,500*	135
	140	67.5	297.9	90,500*	69.2	296.9	76,100*	71.5	293.8	60,100*	140
	150	65.4	293.4	84,200*	67.2	292.3	71,700*	69.4	289.1	57,400*	150
	160	63.3	288.3	78,700*	65.1	287.3	67,800*	67.3	284.0	54,900*	160
	170	61.2	282.8	73,900*	62.9	281.7	64,400*	65.2	278.4	52,700*	170
	180	59.1	276.9	69,600*	60.8	275.7	61,200*	63.0	272.4	50,700*	180
	190	56.8	270.3	65,800*	58.5	269.2	58,400*	60.7	265.7	48,800*	190
	200	54.6	263.2	62,300*	56.2	262.0	55,800*	58.4	258.5	47,100*	200
	210	52.2	255.5	59,200*	53.9	254.3	53,400*	56.0	250.6	45,600*	210
	220	49.8	247.1	56,400*	51.4	245.8	51,300*	53.5	242.0	44,100*	220
	230	47.3	237.9	53,800*	48.9	236.6	49,300*				230
	240	44.6	227.9	51,400*	46.3	226.5	47,500*				240
	250	41.9	216.9	49,300*	43.5	215.4	45,800*				250
	260	38.9	204.6	47,300*							260
	270	35.8	191.0	45,400*							270

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
250	75	80.9	343.5	114,700*							75
	80	80.0	342.6	113,400*							80
	85	79.1	341.6	112,000*	80.8	340.6	103,900*				85
	90	78.3	340.5	110,700*	79.9	339.5	102,800*				90
	95	77.4	339.4	109,300*	79.0	338.3	101,700*				95
	100	76.5	338.1	108,100*	78.1	337.1	100,600*	80.3	334.1	76,100*	100
	105	75.6	336.8	106,800*	77.2	335.7	99,600*	79.4	332.7	74,000*	105
	110	74.7	335.4	105,600*	76.3	334.3	97,200*	78.5	331.3	72,100*	110
	115	73.8	333.9	104,300*	75.4	332.8	93,900*	77.6	329.8	70,200*	115
	120	72.9	332.3	103,100*	74.5	331.2	90,700*	76.7	328.1	68,400*	120
	125	72.0	330.6	102,000*	73.6	329.5	87,800*	75.8	326.5	66,800*	125
	130	71.1	328.8	100,800*	72.7	327.8	85,100*	74.9	324.7	65,200*	130
	135	70.2	327.0	99,700*	71.8	325.9	82,500*	73.9	322.8	63,700*	135
	140	69.3	325.0	96,800*	70.9	324.0	80,100*	73.0	320.8	62,200*	140
	150	67.4	320.8	90,200*	69.0	319.8	75,600*	71.1	316.6	59,500*	150
	160	65.5	316.3	84,400*	67.1	315.2	71,600*	69.2	312.0	57,100*	160
	170	63.6	311.3	79,300*	65.2	310.2	68,000*	67.2	306.9	54,900*	170
	180	61.6	305.9	74,700*	63.2	304.8	64,800*	65.3	301.4	52,800*	180
	190	59.6	300.1	70,700*	61.2	298.9	61,800*	63.2	295.5	50,900*	190
	200	57.6	293.7	67,000*	59.2	292.5	59,200*	61.2	289.0	49,200*	200
	210	55.5	286.9	63,700*	57.1	285.7	56,700*	59.0	282.1	47,600*	210
	220	53.4	279.5	60,700*	54.9	278.2	54,400*	56.9	274.5	46,100*	220
	230	51.2	271.4	57,900*	52.7	270.2	52,400*	54.6	266.3	44,800*	230
	240	48.9	262.8	55,400*	50.4	261.4	50,500*	52.3	257.5	43,500*	240
	250	46.5	253.4	53,100*	48.0	252.0	48,700*				250
	260	44.1	243.1	51,000*	45.6	241.7	47,100*				260
	270	41.5	231.9	49,000*	43.0	230.4	45,500*				270
	280	38.8	219.6	47,200*							280
	290	35.9	206.1	45,500*							290
275	80	80.7	368.0	113,600*							80
	85	79.9	367.1	112,400*							85
	90	79.1	366.1	111,200*	80.6	365.1	103,100*				90
	95	78.3	365.0	110,000*	79.8	364.0	102,100*				95
	100	77.5	363.9	108,800*	79.0	362.8	101,200*				100
	105	76.6	362.6	107,700*	78.2	361.6	100,200*	80.2	358.5	75,800*	105
	110	75.8	361.3	106,500*	77.3	360.3	99,300*	79.4	357.2	73,900*	110
	115	75.0	359.9	105,400*	76.5	358.9	97,800*	78.5	355.8	72,100*	115
	120	74.1	358.5	104,300*	75.7	357.4	94,600*	77.7	354.3	70,300*	120
	125	73.3	356.9	103,200*	74.8	355.9	91,700*	76.8	352.7	68,700*	125
	130	72.5	355.3	102,100*	74.0	354.2	88,900*	76.0	351.1	67,100*	130
	135	71.6	353.6	101,100*	73.1	352.5	86,300*	75.1	349.3	65,600*	135
	140	70.8	351.8	100,100*	72.3	350.7	83,800*	74.3	347.5	64,200*	140
	150	69.1	347.9	96,100*	70.6	346.9	79,300*	72.5	343.6	61,500*	150
	160	67.3	343.8	90,000*	68.8	342.7	75,200*	70.8	339.4	59,100*	160
	170	65.6	339.2	84,600*	67.0	338.1	71,500*	69.0	334.8	56,900*	170
	180	63.8	334.3	79,800*	65.3	333.1	68,200*	67.2	329.8	54,800*	180
	190	62.0	329.0	75,500*	63.4	327.8	65,100*	65.3	324.4	52,900*	190
	200	60.1	323.2	71,600*	61.6	322.0	62,400*	63.5	318.6	51,100*	200
	210	58.2	317.0	68,100*	59.7	315.8	59,800*	61.6	312.3	49,500*	210
	220	56.3	310.4	64,900*	57.8	309.2	57,500*	59.6	305.5	48,000*	220
	230	54.4	303.2	62,000*	55.8	302.0	55,300*	57.6	298.2	46,600*	230
	240	52.3	295.5	59,400*	53.8	294.3	53,300*	55.6	290.4	45,300*	240
	250	50.3	287.3	56,900*	51.7	285.9	51,500*	53.4	282.0	44,100*	250
	260	48.1	278.3	54,600*	49.5	277.0	49,800*	51.3	272.9	43,000*	260
	270	45.9	268.7	52,500*	47.3	267.3	48,200*				270
	280	43.6	258.3	50,600*	45.0	256.8	46,700*				280
	290	41.2	247.0	48,800*	42.5	245.4	45,300*				290
	300	38.6	234.6	47,100*							300
	310	35.9	221.1	45,500*							310

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
300	85	80.6	392.5	112,500*							85
	90	79.8	391.6	111,400*							90
	95	79.1	390.6	110,400*	80.5	389.5	102,400*				95
	100	78.3	389.5	109,300*	79.7	388.5	101,500*				100
	105	77.5	388.4	108,200*	78.9	387.3	100,600*	80.9	384.2	77,400*	105
	110	76.8	387.1	107,200*	78.2	386.1	99,800*	80.1	383.0	75,500*	110
	115	76.0	385.9	106,100*	77.4	384.8	98,900*	79.3	381.6	73,700*	115
	120	75.2	384.5	105,100*	76.6	383.4	98,100*	78.5	380.3	72,000*	120
	125	74.4	383.1	104,100*	75.8	382.0	95,300*	77.7	378.8	70,400*	125
	130	73.6	381.5	103,100*	75.1	380.5	92,500*	76.9	377.3	68,900*	130
	135	72.9	380.0	102,100*	74.3	378.9	89,900*	76.1	375.7	67,400*	135
	140	72.1	378.3	101,200*	73.5	377.2	87,400*	75.3	374.0	66,000*	140
	150	70.5	374.7	99,300*	71.9	373.6	82,800*	73.7	370.4	63,400*	150
	160	68.9	370.9	95,400*	70.3	369.8	78,600*	72.1	366.5	60,900*	160
	170	67.3	366.7	89,800*	68.7	365.5	74,900*	70.5	362.2	58,700*	170
	180	65.6	362.1	84,800*	67.0	361.0	71,400*	68.8	357.6	56,700*	180
	190	64.0	357.2	80,200*	65.3	356.1	68,300*	67.1	352.7	54,700*	190
	200	62.3	352.0	76,200*	63.6	350.8	65,500*	65.4	347.3	53,000*	200
	210	60.6	346.3	72,500*	61.9	345.1	62,800*	63.7	341.6	51,300*	210
	220	58.8	340.3	69,100*	60.2	339.1	60,400*	61.9	335.5	49,800*	220
	230	57.0	333.8	66,100*	58.4	332.6	58,200*	60.1	328.9	48,400*	230
	240	55.2	326.9	63,200*	56.6	325.6	56,100*	58.2	321.9	47,000*	240
	250	53.3	319.5	60,600*	54.7	318.2	54,200*	56.4	314.3	45,800*	250
	260	51.4	311.5	58,200*	52.8	310.2	52,400*	54.4	306.2	44,600*	260
	270	49.5	303.0	56,000*	50.8	301.6	50,800*	52.4	297.6	43,600*	270
	280	47.4	293.9	54,000*	48.8	292.5	49,200*				280
	290	45.4	284.1	52,000*	46.7	282.6	47,700*				290
	300	43.2	273.5	50,300*	44.5	272.0	46,400*				300
	310	40.9	262.1	48,600*	42.2	260.5	45,100*				310
	320	38.5	249.6	47,000*							320
	330	36.0	236.1	45,600*							330
325	90	80.5	417.0	111,300*							90
	95	79.7	416.1	110,300*							95
	100	79.0	415.1	109,400*	80.4	414.0	101,600*				100
	105	78.3	414.0	108,400*	79.6	412.9	100,800*				105
	110	77.6	412.9	107,500*	78.9	411.8	100,000*	80.7	408.6	77,000*	110
	115	76.9	411.7	106,600*	78.2	410.6	99,200*	80.0	407.4	75,300*	115
	120	76.1	410.4	105,600*	77.5	409.3	98,400*	79.2	406.1	73,600*	120
	125	75.4	409.0	104,700*	76.7	408.0	97,700*	78.5	404.8	72,000*	125
	130	74.7	407.6	103,800*	76.0	406.5	95,900*	77.8	403.3	70,500*	130
	135	73.9	406.2	102,900*	75.3	405.1	93,300*	77.0	401.8	69,100*	135
	140	73.2	404.6	102,000*	74.5	403.5	90,700*	76.3	400.3	67,700*	140
	150	71.7	401.3	100,300*	73.1	400.2	86,100*	74.8	396.9	65,100*	150
	160	70.2	397.7	98,600*	71.6	396.6	81,900*	73.3	393.3	62,700*	160
	170	68.7	393.8	94,900*	70.0	392.7	78,000*	71.8	389.3	60,400*	170
	180	67.2	389.6	89,600*	68.5	388.4	74,600*	70.2	385.1	58,400*	180
	190	65.7	385.1	84,900*	67.0	383.9	71,400*	68.7	380.5	56,500*	190
	200	64.1	380.2	80,600*	65.4	379.0	68,400*	67.1	375.6	54,700*	200
	210	62.5	375.0	76,800*	63.8	373.8	65,800*	65.5	370.3	53,000*	210
	220	60.9	369.4	73,300*	62.2	368.2	63,300*	63.9	364.7	51,500*	220
	230	59.3	363.5	70,000*	60.6	362.3	61,000*	62.2	358.6	50,000*	230
	240	57.6	357.2	67,100*	58.9	355.9	58,800*	60.5	352.2	48,700*	240
	250	55.9	350.4	64,300*	57.2	349.1	56,800*	58.8	345.4	47,400*	250
	260	54.2	343.2	61,800*	55.5	341.9	55,000*	57.0	338.1	46,200*	260
	270	52.4	335.6	59,500*	53.7	334.2	53,300*	55.2	330.3	45,100*	270
	280	50.6	327.4	57,300*	51.9	326.0	51,600*	53.4	322.0	44,100*	280
	290	48.8	318.7	55,300*	50.0	317.3	50,100*	51.5	313.1	43,100*	290
	300	46.8	309.3	53,400*	48.1	307.9	48,700*				300
	310	44.9	299.4	51,400*	46.1	297.9	47,400*				310
	320	42.8	288.6	48,000*	44.0	287.1	46,100*				320
	330	40.7	277.1	44,700*	41.9	275.5	44,900*				330
	340	38.4	264.6	41,700*							340
	350	36.1	251.1	38,900*							350

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
350	95	80.3	441.5	110,000*	80.9	439.5	101,400*				95
	100	79.7	440.6	109,100*	80.2	438.5	100,700*				100
	105	79.0	439.6	108,300*	79.6	437.4	100,000*				105
	110	78.3	438.5	107,500*	78.9	436.3	99,300*	80.6	433.1	76,700*	110
	115	77.6	437.4	106,600*	78.2	435.1	98,600*	79.9	431.9	75,100*	115
	120	77.0	436.2	105,800*	77.5	433.8	97,900*	79.2	430.6	73,500*	120
	125	76.3	434.9	105,000*	76.8	432.5	97,200*	78.5	429.3	72,000*	125
	130	75.6	433.6	104,200*	76.1	431.1	96,500*	77.8	427.8	70,600*	130
	135	74.9	432.2	103,300*	75.5	429.7	93,900*	77.1	426.4	69,200*	135
	140	74.2	430.8	102,500*	74.1	426.5	89,200*	75.7	423.2	66,700*	140
	150	72.8	427.6	100,900*	72.7	423.2	85,000*	74.3	419.8	64,300*	150
	160	71.4	424.3	99,300*	71.3	419.5	81,100*	72.9	416.2	62,100*	160
	170	70.0	420.6	97,800*	69.8	415.6	77,500*	71.5	412.2	60,000*	170
	180	68.6	416.7	94,400*	68.4	411.3	74,300*	70.0	407.9	58,100*	180
	190	67.2	412.5	89,500*	66.9	406.8	71,300*	68.5	403.3	56,300*	190
	200	65.7	408.0	85,000*	65.5	402.0	68,600*	67.0	398.5	54,700*	200
	210	64.2	403.1	81,000*	64.0	396.8	66,000*	65.5	393.2	53,100*	210
	220	62.8	398.0	77,300*	62.5	391.3	63,600*	64.0	387.7	51,600*	220
	230	61.3	392.5	73,900*	60.9	385.4	61,400*	62.5	381.8	50,300*	230
	240	59.7	386.7	70,800*	59.4	379.2	59,400*	60.9	375.5	49,000*	240
	250	58.2	380.5	68,000*	57.8	372.6	57,500*	59.3	368.8	47,800*	250
	260	56.6	373.9	65,300*	56.2	365.6	55,700*	57.6	361.7	46,600*	260
	270	55.0	366.9	62,900*	54.5	358.1	54,000*	56.0	354.2	45,600*	270
	280	53.3	359.4	60,400*	52.8	350.2	52,500*	54.3	346.1	44,600*	280
	290	51.6	351.6	56,100*	51.1	341.8	51,000*	52.5	337.6	43,600*	290
375	300	49.9	343.2	52,100*	49.3	332.8	49,500*				300
	310	48.1	334.3	48,400*	47.5	323.3	46,000*				310
	320	46.3	324.8	45,000*	45.6	313.1	42,700*				320
	330	44.4	314.6	41,700*	43.6	302.2	39,600*				330
	340	42.5	303.8	38,700*	41.6	290.5	36,700*				340
	350	40.5	292.2	35,800*							350
	360	38.3	279.6	33,200*							360
	370	36.1	266.1	30,600*							370
	95	80.9	466.9	109,200*	80.8	464.0	100,400*				95
	100	80.2	466.0	108,500*	80.1	463.0	99,900*				100
	105	79.6	465.1	107,800*	79.5	461.9	99,200*				105
	110	79.0	464.1	107,100*	78.9	460.8	98,600*	80.5	457.5	76,400*	110
	115	78.3	463.0	106,400*	78.2	459.6	97,900*	79.8	456.3	74,900*	115
	120	77.7	461.9	105,700*	77.6	458.3	97,300*	79.2	455.1	73,400*	120
	125	77.0	460.7	104,900*	76.9	457.0	96,700*	78.5	453.7	72,000*	125
	130	76.4	459.4	104,200*	76.3	455.7	96,100*	77.9	452.4	70,700*	130
	135	75.7	458.1	103,500*	75.0	452.7	92,200*	76.5	449.4	68,100*	135
	140	75.1	456.8	102,700*	73.7	449.6	87,900*	75.2	446.2	65,800*	140
	150	73.8	453.8	101,300*	72.3	446.1	84,000*	73.9	442.8	63,600*	150
	160	72.5	450.7	99,800*	71.0	442.4	80,400*	72.5	439.0	61,500*	160
	170	71.2	447.3	98,400*	69.6	438.5	77,100*	71.2	435.0	59,600*	170
	180	69.8	443.6	97,000*	68.3	434.2	74,100*	69.8	430.8	57,900*	180
	190	68.5	439.6	93,900*	66.9	429.7	71,200*	68.4	426.2	56,200*	190
	200	67.1	435.4	89,300*	65.5	424.9	68,600*	67.0	421.4	54,600*	200
	210	65.8	430.9	85,100*	64.1	419.8	66,200*	65.6	416.2	53,100*	210
	220	64.4	426.1	81,300*	62.7	414.3	64,000*	64.1	410.7	51,800*	220
	230	63.0	421.0	77,800*	61.2	408.6	61,900*	62.7	404.9	50,500*	230
	240	61.5	415.6	74,600*	59.8	402.5	59,900*	61.2	398.7	49,200*	240
	250	60.1	409.8	71,600*	58.3	396.0	58,100*	59.7	392.2	48,100*	250
	260	58.6	403.7	67,200*	56.8	389.1	56,400*	58.2	385.3	47,000*	260
	270	57.1	397.3	62,100*	55.2	381.9	54,600*	56.6	377.9	46,000*	270
	280	55.6	390.4	57,500*	53.6	374.2	50,500*	55.0	370.2	45,000*	280
	290	54.1	383.2	53,100*	52.0	366.1	46,700*	53.4	361.9	44,100*	290
	300	52.5	375.6	49,100*	50.4	357.5	43,100*	51.7	353.2	43,200*	300
	310	50.9	367.5	45,400*	48.7	348.3	39,800*				310
	320	49.3	358.9	41,900*	46.9	338.6	36,700*				320
	330	47.6	349.8	38,700*	45.1	328.3	33,800*				330
	340	45.8	340.1	35,600*	43.2	317.3	31,000*				340
	350	44.0	329.9	32,800*	41.3	305.5	28,400*				350
	360	42.2	318.9	30,100*							360
	370	40.3	307.2	27,600*							370
	380	38.3	294.6	25,200*							380
	390	36.2	281.1	22,900*							390

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
400	100	80.7	491.4	107,500*							100
	105	80.1	490.5	106,900*							105
	110	79.5	489.6	106,300*							110
	115	78.9	488.6	105,700*	80.7	488.5	99,300*				115
	120	78.3	487.5	105,100*	80.1	487.5	98,800*				120
	125	77.7	486.4	104,500*	79.5	486.4	98,200*	81.0	483.1	77,700*	125
	130	77.1	485.2	103,800*	78.8	485.3	97,700*	80.4	482.0	76,200*	130
	135	76.5	484.0	103,200*	78.2	484.1	97,100*	79.7	480.8	74,700*	135
	140	75.9	482.7	102,600*	77.6	482.8	96,600*	79.1	479.5	73,400*	140
	150	74.7	479.9	101,300*	77.0	481.6	96,000*	78.5	478.2	72,000*	150
	160	73.4	476.9	100,000*	75.8	478.8	92,000*	77.3	475.5	69,500*	160
	170	72.2	473.7	95,800*	74.5	475.8	90,400*	76.0	472.4	67,200*	170
	180	70.9	470.2	94,000*	73.3	472.6	86,800*	74.8	469.2	65,000*	180
	190	69.7	466.5	92,300*	72.0	469.1	83,100*	73.5	465.7	63,000*	190
	200	68.4	462.5	90,600*	70.8	465.4	79,800*	72.2	461.9	61,100*	200
	210	67.1	458.3	89,000*	69.5	461.4	76,700*	70.9	457.9	59,300*	210
	220	65.8	453.8	85,200*	68.2	457.1	73,800*	69.6	453.6	57,600*	220
	230	64.5	449.0	81,600*	66.9	452.6	71,200*	68.3	449.1	56,100*	230
	240	63.1	444.0	75,800*	65.6	447.8	68,700*	67.0	444.2	54,600*	240
	250	61.8	438.6	69,800*	64.2	442.7	66,400*	65.6	439.1	53,200*	250
	260	60.4	432.9	64,300*	62.9	437.4	64,300*	64.3	433.7	51,900*	260
	270	59.1	426.9	59,200*	61.5	431.7	62,300*	62.9	428.0	50,600*	270
	280	57.7	420.6	54,500*	60.1	425.7	60,400*	61.5	421.9	49,500*	280
	290	56.2	413.9	50,200*	58.7	419.3	56,200*	60.1	415.5	48,400*	290
	300	54.8	406.9	46,200*	57.3	412.6	51,800*	58.6	408.7	47,300*	300
	310	53.3	399.4	42,400*	55.8	405.6	47,700*	57.2	401.6	46,300*	310
	320	51.8	391.6	38,900*	54.4	398.1	43,800*	55.7	394.0	45,400*	320
	330	50.3	383.3	35,700*	52.8	390.2	40,300*	54.1	386.1	41,900*	330
	340	48.7	374.5	32,600*	51.3	381.9	36,900*	52.6	377.7	38,500*	340
	350	47.1	365.3	29,800*	49.7	373.1	33,800*	51.0	368.8	35,200*	350
	360	45.4	355.5	27,100*	48.1	363.8	30,800*				360
	370	43.7	345.1	24,500*	46.4	353.9	28,100*				370
	380	41.9	334.0	22,100*	44.7	343.5	25,500*				380
	390	40.1	322.2	19,800*	42.9	332.4	23,000*				390
	400	38.2	309.6	17,700*							400
	410	36.2	296.1	15,600*							410

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
175	70	80.5	288.5	84,000*							70
	75	79.4	287.5	82,600*							75
	80	78.3	286.4	81,300*	80.8	285.3	75,900*				80
	85	77.3	285.2	80,000*	79.7	284.1	74,700*				85
	90	76.2	283.8	78,700*	78.6	282.8	73,600*				90
	95	75.2	282.4	77,500*	77.6	281.3	72,500*	80.9	278.1	60,300*	95
	100	74.1	280.9	76,300*	76.5	279.8	71,500*	79.8	276.6	58,200*	100
	105	73.0	279.3	75,100*	75.4	278.2	70,400*	78.7	274.9	56,200*	105
	110	71.9	277.5	74,000*	74.3	276.5	69,400*	77.6	273.2	54,400*	110
	115	70.8	275.7	72,800*	73.2	274.6	68,400*	76.5	271.3	52,700*	115
	120	69.7	273.8	71,700*	72.1	272.7	66,400*	75.4	269.3	51,100*	120
	125	68.6	271.7	70,600*	71.0	270.6	63,900*	74.2	267.2	49,600*	125
	130	67.5	269.5	69,600*	69.8	268.4	61,700*	73.1	265.0	48,200*	130
	135	66.3	267.3	68,500*	68.7	266.1	59,600*	71.9	262.7	46,800*	135
	140	65.2	264.8	66,500*	67.6	263.7	57,600*	70.8	260.2	45,600*	140
	150	62.9	259.6	61,600*	65.2	258.5	54,000*	68.4	254.9	43,200*	150
	160	60.5	253.9	57,400*	62.8	252.7	50,800*	66.0	249.1	41,100*	160
	170	58.1	247.6	53,700*	60.4	246.4	48,000*	63.5	242.6	39,200*	170
	180	55.6	240.7	50,400*	57.9	239.4	45,400*	60.9	235.6	37,500*	180
	190	53.0	233.1	47,400*	55.3	231.8	43,100*	58.3	227.8	35,900*	190
	200	50.3	224.7	44,800*	52.6	223.3	41,000*	55.5	219.2	34,500*	200
	210	47.5	215.5	42,400*	49.8	214.1	39,100*	52.7	209.7	33,200*	210
	220	44.5	205.3	40,300*	46.8	203.8	37,400*				220
	230	41.4	194.0	38,300*	43.7	192.4	35,900*				230
	240	38.1	181.4	36,500*							240
	250	34.5	167.0	34,900*							250
200	75	80.3	313.0	83,500*							75
	80	79.3	312.0	82,200*							80
	85	78.4	310.9	81,000*	80.6	309.8	75,400*				85
	90	77.4	309.7	79,900*	79.6	308.6	74,400*				90
	95	76.4	308.4	78,700*	78.6	307.3	73,400*				95
	100	75.4	307.0	77,600*	77.6	305.9	72,500*	80.7	302.5	59,900*	100
	105	74.4	305.5	76,500*	76.6	304.4	71,500*	79.7	301.0	58,000*	105
	110	73.5	303.9	75,400*	75.7	302.8	70,500*	78.7	299.4	56,200*	110
	115	72.5	302.3	74,400*	74.7	301.1	69,600*	77.7	297.7	54,500*	115
	120	71.5	300.5	73,300*	73.6	299.4	68,700*	76.7	295.9	53,000*	120
	125	70.4	298.6	72,300*	72.6	297.5	67,600*	75.6	294.0	51,500*	125
	130	69.4	296.7	71,300*	71.6	295.5	65,300*	74.6	292.0	50,100*	130
	135	68.4	294.6	70,400*	70.6	293.4	63,200*	73.6	289.9	48,800*	135
	140	67.4	292.4	69,400*	69.6	291.3	61,100*	72.5	287.7	47,500*	140
	150	65.3	287.8	66,700*	67.5	286.6	57,400*	70.4	283.0	45,200*	150
	160	63.2	282.6	62,200*	65.3	281.4	54,100*	68.2	277.7	43,100*	160
	170	61.0	277.0	58,200*	63.2	275.8	51,200*	66.0	272.0	41,200*	170
	180	58.8	270.9	54,700*	60.9	269.6	48,500*	63.8	265.8	39,400*	180
	190	56.5	264.2	51,600*	58.6	262.9	46,100*	61.4	259.0	37,800*	190
	200	54.2	257.0	48,800*	56.3	255.6	44,000*	59.0	251.5	36,400*	200
	210	51.8	249.0	46,200*	53.9	247.6	42,000*	56.6	243.4	35,000*	210
	220	49.3	240.4	43,900*	51.4	238.9	40,200*	54.0	234.5	33,800*	220
	230	46.7	230.9	41,800*	48.7	229.4	38,500*	51.3	224.8	32,700*	230
	240	43.9	220.5	39,900*	46.0	218.9	37,000*				240
	250	41.1	209.1	38,100*	43.1	207.4	35,600*				250
	260	38.0	196.3	36,500*							260
	270	34.7	182.0	35,000*							270

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
225	80	80.1	337.5	82,900*							80
	85	79.3	336.5	81,800*							85
	90	78.4	335.4	80,700*	80.4	334.2	75,000*				90
	95	77.5	334.2	79,700*	79.5	333.0	74,100*				95
	100	76.6	332.9	78,600*	78.6	331.7	73,200*				100
	105	75.7	331.5	77,600*	77.7	330.4	72,300*	80.5	326.9	59,500*	105
	110	74.8	330.1	76,600*	76.8	328.9	71,400*	79.6	325.4	57,800*	110
	115	73.8	328.6	75,600*	75.9	327.4	70,600*	78.7	323.9	56,200*	115
	120	72.9	327.0	74,700*	75.0	325.8	69,700*	77.7	322.3	54,600*	120
	125	72.0	325.3	73,700*	74.0	324.1	68,900*	76.8	320.5	53,200*	125
	130	71.1	323.5	72,800*	73.1	322.3	68,100*	75.9	318.7	51,800*	130
	135	70.1	321.6	71,900*	72.2	320.4	66,500*	74.9	316.8	50,500*	135
	140	69.2	319.6	71,000*	71.2	318.4	64,500*	74.0	314.8	49,300*	140
	150	67.3	315.4	69,200*	69.3	314.1	60,700*	72.0	310.5	46,900*	150
	160	65.4	310.7	66,900*	67.4	309.5	57,300*	70.1	305.7	44,800*	160
	170	63.4	305.6	62,700*	65.4	304.4	54,300*	68.1	300.6	42,900*	170
	180	61.4	300.1	59,000*	63.4	298.8	51,500*	66.1	295.0	41,200*	180
	190	59.4	294.1	55,600*	61.4	292.8	49,000*	64.0	288.9	39,600*	190
	200	57.3	287.7	52,600*	59.3	286.3	46,800*	61.9	282.3	38,100*	200
	210	55.2	280.7	49,900*	57.1	279.3	44,700*	59.7	275.1	36,700*	210
	220	53.0	273.1	47,500*	54.9	271.7	42,800*	57.4	267.4	35,500*	220
	230	50.7	264.9	45,200*	52.7	263.4	41,100*	55.1	259.0	34,300*	230
	240	48.4	255.9	43,200*	50.3	254.4	39,500*	52.7	249.8	33,300*	240
	250	46.0	246.3	41,300*	47.9	244.7	38,000*				250
	260	43.4	235.7	39,500*	45.3	234.0	36,700*				260
	270	40.8	224.1	37,900*	42.6	222.3	35,400*				270
	280	37.9	211.3	36,400*							280
	290	34.9	197.1	35,100*							290
250	80	80.9	362.9	83,300*							80
	85	80.0	362.0	82,400*							85
	90	79.2	361.0	81,400*							90
	95	78.4	359.9	80,400*	80.3	358.7	74,600*				95
	100	77.5	358.7	79,400*	79.4	357.5	73,800*				100
	105	76.7	357.4	78,500*	78.6	356.2	73,000*				105
	110	75.9	356.1	77,500*	77.8	354.9	72,200*	80.4	351.3	59,200*	110
	115	75.0	354.7	76,600*	76.9	353.5	71,400*	79.5	349.9	57,700*	115
	120	74.2	353.2	75,700*	76.1	352.0	70,600*	78.7	348.4	56,200*	120
	125	73.3	351.6	74,800*	75.2	350.4	69,800*	77.8	346.8	54,700*	125
	130	72.5	350.0	74,000*	74.4	348.8	69,000*	76.9	345.1	53,400*	130
	135	71.6	348.2	73,100*	73.5	347.0	68,300*	76.1	343.3	52,100*	135
	140	70.7	346.4	72,300*	72.6	345.2	67,500*	75.2	341.5	50,900*	140
	150	69.0	342.5	70,600*	70.9	341.3	63,700*	73.4	337.5	48,600*	150
	160	67.2	338.3	69,000*	69.1	337.0	60,300*	71.6	333.2	46,500*	160
	170	65.5	333.6	67,100*	67.3	332.4	57,200*	69.8	328.5	44,600*	170
	180	63.6	328.6	63,200*	65.5	327.3	54,400*	68.0	323.4	42,800*	180
	190	61.8	323.2	59,600*	63.6	321.9	51,800*	66.1	317.9	41,200*	190
	200	59.9	317.3	56,500*	61.7	316.0	49,500*	64.2	311.9	39,700*	200
	210	58.0	311.0	53,600*	59.8	309.7	47,300*	62.2	305.5	38,300*	210
	220	56.0	304.2	51,000*	57.9	302.8	45,400*	60.2	298.6	37,100*	220
	230	54.0	296.9	48,600*	55.8	295.5	43,600*	58.2	291.1	35,900*	230
	240	52.0	289.1	46,400*	53.8	287.6	41,900*	56.1	283.1	34,800*	240
	250	49.8	280.6	44,400*	51.6	279.1	40,400*	53.9	274.4	33,800*	250
	260	47.6	271.4	42,500*	49.4	269.9	38,900*	51.6	265.1	32,800*	260
	270	45.4	261.6	40,800*	47.1	259.9	37,600*				270
	280	43.0	250.8	39,200*	44.7	249.1	36,400*				280
	290	40.5	239.1	37,800*	42.2	237.3	35,200*				290
	300	37.8	226.3	36,400*							300
	310	35.0	212.2	35,100*							310

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
275	85	80.7	387.4	82,700*							85
	90	79.9	386.5	81,800*							90
	95	79.2	385.4	80,900*	80.9	384.2	75,000*				95
	100	78.4	384.4	80,000*	80.2	383.1	74,200*				100
	105	77.6	383.2	79,100*	79.4	382.0	73,400*				105
	110	76.8	382.0	78,300*	78.6	380.7	72,700*				110
	115	76.0	380.6	77,400*	77.8	379.4	72,000*	80.2	375.7	59,000*	115
	120	75.2	379.3	76,600*	77.0	378.0	71,200*	79.4	374.3	57,500*	120
	125	74.5	377.8	75,700*	76.2	376.6	70,500*	78.6	372.9	56,100*	125
	130	73.7	376.3	74,900*	75.4	375.0	69,800*	77.8	371.3	54,800*	130
	135	72.9	374.7	74,100*	74.6	373.4	69,100*	77.0	369.7	53,500*	135
	140	72.1	373.0	73,400*	73.8	371.7	68,400*	76.2	368.0	52,300*	140
	150	70.5	369.4	71,800*	72.2	368.1	66,700*	74.6	364.3	50,100*	150
	160	68.8	365.4	70,300*	70.6	364.2	63,100*	72.9	360.3	48,000*	160
	170	67.2	361.2	68,800*	68.9	359.9	60,000*	71.3	356.0	46,100*	170
	180	65.5	356.6	67,200*	67.3	355.2	57,100*	69.6	351.3	44,300*	180
	190	63.8	351.6	63,500*	65.6	350.3	54,500*	67.8	346.3	42,700*	190
	200	62.1	346.2	60,200*	63.8	344.9	52,100*	66.1	340.8	41,200*	200
	210	60.4	340.5	57,200*	62.1	339.1	49,900*	64.3	335.0	39,800*	210
	220	58.6	334.3	54,400*	60.3	332.9	47,800*	62.5	328.7	38,500*	220
	230	56.8	327.7	51,900*	58.5	326.3	46,000*	60.7	322.0	37,300*	230
	240	54.9	320.7	49,600*	56.6	319.2	44,200*	58.8	314.8	36,200*	240
	250	53.0	313.1	47,500*	54.7	311.6	42,600*	56.8	307.1	35,200*	250
	260	51.1	305.0	45,500*	52.7	303.4	41,100*	54.8	298.8	34,200*	260
	270	49.1	296.3	43,700*	50.7	294.7	39,700*	52.8	289.9	33,300*	270
	280	47.0	286.9	42,000*	48.6	285.2	38,500*				280
	290	44.8	276.8	40,500*	46.5	275.1	37,200*				290
	300	42.6	265.9	39,000*	44.2	264.2	36,100*				300
	310	40.2	254.2	37,600*	41.8	252.3	35,100*				310
	320	37.8	241.3	36,400*							320
	330	35.2	227.2	35,200*							330
300	90	80.6	411.9	82,000*							90
	95	79.8	411.0	81,200*							95
	100	79.1	409.9	80,400*	80.8	408.7	74,400*				100
	105	78.4	408.8	79,600*	80.0	407.6	73,800*				105
	110	77.7	407.7	78,800*	79.3	406.5	73,100*				110
	115	76.9	406.5	78,000*	78.6	405.2	72,400*	80.9	401.5	60,200*	115
	120	76.2	405.2	77,200*	77.8	403.9	71,800*	80.1	400.2	58,800*	120
	125	75.5	403.8	76,400*	77.1	402.6	71,100*	79.4	398.8	57,400*	125
	130	74.7	402.4	75,700*	76.4	401.1	70,400*	78.6	397.4	56,100*	130
	135	74.0	400.9	74,900*	75.6	399.6	69,800*	77.9	395.8	54,900*	135
	140	73.2	399.3	74,200*	74.9	398.0	69,100*	77.1	394.2	53,700*	140
	150	71.7	396.0	72,700*	73.4	394.7	67,800*	75.6	390.8	51,400*	150
	160	70.2	392.3	71,300*	71.9	391.0	65,800*	74.1	387.1	49,400*	160
	170	68.7	388.3	69,900*	70.3	387.0	62,600*	72.5	383.1	47,500*	170
	180	67.1	384.1	68,600*	68.8	382.8	59,700*	71.0	378.8	45,800*	180
	190	65.6	379.5	67,300*	67.2	378.1	57,000*	69.4	374.1	44,100*	190
	200	64.0	374.5	63,900*	65.6	373.2	54,500*	67.8	369.1	42,600*	200
	210	62.4	369.3	60,700*	64.0	367.9	52,300*	66.1	363.8	41,200*	210
	220	60.8	363.6	57,800*	62.4	362.2	50,200*	64.5	358.0	39,900*	220
	230	59.1	357.6	55,200*	60.7	356.1	48,300*	62.8	351.9	38,700*	230
	240	57.4	351.1	52,800*	59.0	349.7	46,500*	61.1	345.3	37,600*	240
	250	55.7	344.3	50,500*	57.3	342.8	44,800*	59.3	338.3	36,500*	250
	260	53.9	336.9	48,500*	55.5	335.4	43,300*	57.5	330.9	35,500*	260
	270	52.1	329.1	46,600*	53.7	327.6	41,800*	55.7	322.9	34,600*	270
	280	50.3	320.8	44,800*	51.8	319.2	40,500*	53.8	314.4	33,700*	280
	290	48.4	311.8	43,100*	49.9	310.2	39,200*	51.8	305.2	32,900*	290
	300	46.4	302.3	41,600*	47.9	300.6	38,100*				300
	310	44.4	292.1	40,100*	45.9	290.3	36,900*				310
	320	42.2	281.1	38,800*	43.8	279.2	35,900*				320
	330	40.0	269.2	37,500*	41.5	267.3	34,900*				330
	340	37.7	256.3	36,300*							340
	350	35.3	242.3	35,200*							350

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
325	95	80.4	436.4	81,200*							95
	100	79.8	435.5	80,500*							100
	105	79.1	434.4	79,800*	80.6	433.2	73,900*				105
	110	78.4	433.3	79,100*	80.0	432.1	73,300*				110
	115	77.7	432.2	78,400*	79.3	430.9	72,700*				115
	120	77.0	431.0	77,600*	78.6	429.7	72,100*	80.7	425.9	59,900*	120
	125	76.3	429.7	76,900*	77.9	428.4	71,500*	80.0	424.6	58,600*	125
	130	75.6	428.4	76,200*	77.2	427.1	70,900*	79.3	423.3	57,300*	130
	135	74.9	427.0	75,500*	76.5	425.7	70,300*	78.6	421.8	56,100*	135
	140	74.2	425.5	74,900*	75.8	424.2	69,700*	77.9	420.4	54,900*	140
	150	72.8	422.3	73,500*	74.4	421.1	68,500*	76.5	417.2	52,700*	150
	160	71.4	418.9	72,200*	73.0	417.6	67,300*	75.1	413.7	50,700*	160
	170	70.0	415.2	70,900*	71.5	413.9	65,100*	73.6	410.0	48,800*	170
	180	68.6	411.3	69,600*	70.1	409.9	62,200*	72.2	405.9	47,100*	180
	190	67.1	407.0	68,300*	68.6	405.6	59,400*	70.7	401.6	45,500*	190
	200	65.6	402.4	67,100*	67.2	401.0	56,900*	69.2	397.0	44,000*	200
	210	64.1	397.5	64,200*	65.7	396.1	54,600*	67.7	392.0	42,600*	210
	220	62.6	392.3	61,200*	64.1	390.9	52,500*	66.1	386.7	41,300*	220
	230	61.1	386.7	58,400*	62.6	385.3	50,500*	64.6	381.0	40,000*	230
	240	59.5	380.8	55,900*	61.0	379.3	48,700*	63.0	375.0	38,900*	240
	250	58.0	374.5	53,500*	59.5	373.0	47,000*	61.4	368.6	37,800*	250
	260	56.3	367.8	51,400*	57.8	366.3	45,400*	59.8	361.8	36,800*	260
	270	54.7	360.6	49,400*	56.2	359.1	43,900*	58.1	354.5	35,800*	270
	280	53.0	353.1	47,500*	54.5	351.5	42,500*	56.4	346.8	34,900*	280
	290	51.3	345.0	45,800*	52.8	343.4	41,200*	54.6	338.6	34,100*	290
	300	49.5	336.5	44,100*	51.0	334.8	39,900*	52.8	329.9	33,300*	300
	310	47.7	327.4	42,600*	49.2	325.7	38,800*				310
	320	45.9	317.7	41,200*	47.3	315.9	37,700*				320
	330	43.9	307.3	39,900*	45.4	305.5	36,700*				330
	340	41.9	296.1	38,600*	43.4	294.3	35,700*				340
	350	39.9	284.2	37,400*	41.3	282.2	34,800*				350
	360	37.7	271.3	36,300*							360
	370	35.4	257.3	34,500*							370
350	95	81.0	461.8	81,100*							95
	100	80.3	460.9	80,400*							100
	105	79.7	459.9	79,800*							105
	110	79.0	458.9	79,200*	80.5	457.6	73,400*				110
	115	78.4	457.8	78,500*	79.9	456.6	72,800*				115
	120	77.7	456.7	77,900*	79.2	455.4	72,300*				120
	125	77.1	455.5	77,200*	78.6	454.2	71,700*	80.6	450.3	59,700*	125
	130	76.4	454.2	76,600*	77.9	452.9	71,200*	79.9	449.1	58,400*	130
	135	75.8	452.9	75,900*	77.3	451.6	69,800*	79.3	447.7	57,200*	135
	140	75.1	451.5	75,300*	76.6	450.2	69,100*	78.6	446.3	56,100*	140
	150	73.8	448.6	74,100*	75.3	447.3	67,600*	77.3	443.3	53,900*	150
	160	72.5	445.4	72,800*	73.9	444.1	66,200*	75.9	440.1	51,900*	160
	170	71.1	441.9	71,100*	72.6	440.6	64,800*	74.6	436.6	50,100*	170
	180	69.8	438.2	69,400*	71.3	436.8	63,600*	73.2	432.8	48,300*	180
	190	68.4	434.2	67,800*	69.9	432.8	61,800*	71.8	428.8	46,700*	190
	200	67.1	429.9	66,300*	68.5	428.5	59,200*	70.4	424.4	45,200*	200
	210	65.7	425.3	64,900*	67.1	423.9	56,900*	69.0	419.8	43,800*	210
	220	64.3	420.5	63,500*	65.7	419.1	54,700*	67.6	414.9	42,500*	220
	230	62.8	415.3	61,600*	64.3	413.9	52,700*	66.2	409.6	41,300*	230
	240	61.4	409.8	58,900*	62.8	408.3	50,800*	64.7	404.0	40,100*	240
	250	59.9	403.9	56,500*	61.4	402.5	49,000*	63.2	398.1	39,000*	250
	260	58.4	397.8	54,200*	59.9	396.3	47,400*	61.7	391.8	38,000*	260
	270	56.9	391.2	52,100*	58.3	389.7	45,800*	60.2	385.2	37,000*	270
	280	55.4	384.3	50,200*	56.8	382.7	44,400*	58.6	378.1	36,100*	280
	290	53.8	376.9	48,400*	55.2	375.3	43,100*	57.0	370.6	35,300*	290
370	300	52.2	369.1	46,700*	53.6	367.5	41,800*	55.4	362.7	34,500*	300
	310	50.6	360.9	45,100*	52.0	359.2	40,600*	53.7	354.3	33,700*	310
	320	48.9	352.1	43,600*	50.3	350.5	39,500*	52.0	345.4	33,000*	320
	330	47.2	342.8	42,200*	48.5	341.1	38,400*				330
	340	45.4	333.0	39,600*	46.8	331.2	37,400*				340
	350	43.6	322.5	36,700*	44.9	320.6	36,500*				350
	360	41.7	311.2	34,000*	43.0	309.3	35,000*				360
	370	39.7	299.2	31,500*							370
	380	37.6	286.3	29,100*							380
	390	35.5	272.3	26,800*							390

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
375	100	80.8	486.3	80,100*							100
	105	80.2	485.4	79,600*							105
	110	79.6	484.4	79,000*							110
	115	79.0	483.4	78,500*	80.4	482.1	72,800*				115
	120	78.4	482.3	77,900*	79.8	481.0	72,300*				120
	125	77.8	481.2	77,300*	79.2	479.9	71,900*				125
	130	77.2	480.0	76,700*	78.6	478.7	71,300*	80.5	474.8	59,400*	130
	135	76.5	478.8	76,200*	77.9	477.5	70,800*	79.9	473.5	58,300*	135
	140	75.9	477.5	75,600*	77.3	476.1	67,600*	79.2	472.2	57,200*	140
	150	74.7	474.7	74,400*	76.1	473.3	65,000*	78.0	469.4	55,000*	150
	160	73.4	471.6	70,000*	74.8	470.3	63,700*	76.7	466.3	53,000*	160
	170	72.2	468.4	68,400*	73.6	467.0	62,500*	75.4	463.0	51,200*	170
	180	70.9	464.9	66,900*	72.3	463.5	61,200*	74.1	459.5	49,500*	180
	190	69.6	461.1	65,400*	71.0	459.7	60,100*	72.8	455.7	47,900*	190
	200	68.3	457.1	64,000*	69.7	455.7	58,900*	71.5	451.6	46,400*	200
	210	67.0	452.8	62,700*	68.4	451.4	57,900*	70.2	447.3	45,000*	210
	220	65.7	448.2	61,400*	67.1	446.8	56,800*	68.9	442.6	43,700*	220
	230	64.4	443.4	60,100*	65.7	442.0	54,700*	67.5	437.7	42,400*	230
	240	63.0	438.3	58,900*	64.4	436.8	52,800*	66.2	432.5	41,300*	240
	250	61.7	432.8	57,800*	63.0	431.4	51,000*	64.8	427.0	40,200*	250
	260	60.3	427.1	56,600*	61.6	425.6	49,300*	63.4	421.2	39,200*	260
	270	58.9	421.0	54,900*	60.2	419.5	47,800*	62.0	415.0	38,200*	270
	280	57.5	414.6	52,800*	58.8	413.1	46,300*	60.5	408.5	37,300*	280
	290	56.0	407.8	51,000*	57.3	406.3	44,900*	59.0	401.6	36,400*	290
	300	54.5	400.6	49,200*	55.9	399.1	43,600*	57.6	394.3	35,600*	300
	310	53.0	393.1	46,400*	54.4	391.5	42,400*	56.0	386.6	34,800*	310
	320	51.5	385.1	42,900*	52.8	383.5	41,200*	54.5	378.5	34,000*	320
	330	49.9	376.7	39,600*	51.2	375.0	40,100*	52.9	369.9	33,300*	330
	340	48.3	367.7	36,600*	49.6	366.0	37,900*	51.2	360.8	32,700*	340
	350	46.7	358.3	33,700*	48.0	356.5	34,900*				350
	360	45.0	348.3	31,000*	46.3	346.4	32,200*				360
	370	43.2	337.6	28,400*	44.5	335.7	29,500*				370
	380	41.4	326.3	26,000*	42.7	324.4	27,000*				380
	390	39.5	314.2	23,800*							390
	400	37.6	301.3	21,600*							400
	410	35.5	287.4	19,600*							410
400	105	80.7	510.8	79,100*							105
	110	80.1	509.9	78,600*							110
	115	79.6	508.9	78,200*	80.9	507.6	72,600*				115
	120	79.0	507.9	77,700*	80.3	506.6	72,200*				120
	125	78.4	506.8	77,200*	79.7	505.5	71,700*				125
	130	77.8	505.7	76,600*	79.1	504.4	71,300*	81.0	500.4	60,400*	130
	135	77.2	504.5	76,100*	78.6	503.2	70,900*	80.4	499.2	56,200*	135
	140	76.6	503.3	75,600*	78.0	502.0	70,400*	79.8	498.0	55,700*	140
	150	75.5	500.6	74,600*	76.8	499.3	61,900*	78.6	495.3	54,800*	150
	160	74.3	497.8	73,500*	75.6	496.4	60,700*	77.4	492.4	53,900*	160
	170	73.1	494.7	65,100*	74.4	493.3	59,500*	76.2	489.3	52,300*	170
	180	71.9	491.4	63,700*	73.2	490.0	58,400*	75.0	485.9	50,600*	180
	190	70.7	487.8	62,300*	72.0	486.5	57,300*	73.8	482.4	49,000*	190
	200	69.5	484.0	61,000*	70.8	482.7	56,200*	72.5	478.5	47,500*	200
	210	68.2	480.0	59,800*	69.5	478.6	55,200*	71.3	474.4	46,100*	210
	220	67.0	475.7	58,600*	68.3	474.3	54,200*	70.0	470.1	44,800*	220
	230	65.7	471.2	57,400*	67.0	469.7	53,300*	68.8	465.5	43,600*	230
	240	64.5	466.3	56,300*	65.8	464.9	52,400*	67.5	460.6	42,400*	240
	250	63.2	461.3	55,200*	64.5	459.8	51,500*	66.2	455.4	41,300*	250
	260	61.9	455.9	54,200*	63.2	454.4	50,600*	64.9	450.0	40,300*	260
	270	60.6	450.2	53,200*	61.9	448.7	49,600*	63.5	444.2	39,300*	270
	280	59.3	444.2	52,200*	60.5	442.7	48,100*	62.2	438.2	38,300*	280
	290	57.9	437.9	51,200*	59.2	436.4	46,700*	60.8	431.8	37,400*	290
	300	56.6	431.3	47,200*	57.8	429.7	45,400*	59.5	425.0	36,600*	300
	310	55.2	424.3	43,400*	56.4	422.7	44,100*	58.0	417.9	35,800*	310
	320	53.8	416.9	39,900*	55.0	415.3	41,600*	56.6	410.5	35,100*	320
	330	52.3	409.2	36,600*	53.6	407.5	38,200*	55.1	402.6	34,300*	330
	340	50.8	401.0	33,600*	52.1	399.3	35,100*	53.6	394.3	33,700*	340
	350	49.3	392.4	30,700*	50.6	390.7	32,100*	52.1	385.5	33,000*	350
	360	47.8	383.3	28,000*	49.0	381.5	29,300*				360
	370	46.2	373.7	25,400*	47.4	371.9	26,700*				370
	380	44.6	363.5	23,000*	45.8	361.7	24,200*				380
	390	42.9	352.8	20,700*	44.1	350.9	21,800*				390
	400	41.2	341.4	18,600*	42.4	339.4	19,600*				400
	410	39.4	329.2	16,500*							410
	420	37.6	316.3	14,600*							420
	430	35.6	302.4	12,700*							430