

MANITOWOC ENGINEERING CO.

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



LIFTCRANE CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

3900T SERIES 2

BOOM NO. 9A WITH 3' HAMMERHEAD

TOP - DEEP SECTION

74,000 LB. CRANE COUNTERWEIGHT

10,500 LB. FRONT BUMPER COUNTERWEIGHT

RATING OVER SIDE OR REAR ON EXTENDED OUTRIGGERS

85% TIPPING

CAPACITIES FOR VARIOUS BOOM LENGTHS AND OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 85% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

UPPER BOOM POINT CAPACITY FOR LIFTCRANE SERVICE WITH SINGLE PART WHIP LINE IS 22,500 LBS. IN ALL CASES, UPPER BOOM POINT CAPACITIES CANNOT EXCEED THOSE LISTED FOR THE MAIN BOOM CAPACITY.

WEIGHT OF UPPER BOOM POINT, JIB, ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF THE MAIN BOOM LOAD. BOOM IS 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 UNIFORMLY SUPPORTING SURFACE WITH GANTRY UP AND OUTRIGGERS FULLY EXTENDED AND SET. REFER TO RIGGING NO. 49419, WIRE ROPE SPECIFICATION CHART NO. 6149 AND OPERATING RANGE DIAGRAM CHART NO. 6423-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, 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. BOOM POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF BOOM POINT SHAFT.

MACHINE EQUIPPED WITH MANITOWOC-HENDRICKSON OR MANITOWOC-PIERCE 12 X 6 CARRIER, 226" WHEELBASE, 105" FRONT AXLE TRACK, 100" REAR AXLE TRACK, 14.00-20 TIRES, 112" OUTRIGGERS, 15' RETRACTABLE GANTRY, 10 OR 12 PART BOOM HOIST REEVING, FOUR 1-1/4" BOOM PENDANTS, 74,000 LB. CRANE COUNTERWEIGHT AND 10,500 LB. FRONT BUMPER COUNTERWEIGHT.

DO NOT ROTATE UPPERWORKS OVER SIDE WITH 61,200 LB. OR 74,000 LB. COUNTERWEIGHT ATTACHED UNLESS OUTRIGGERS ARE FULLY EXTENDED AND SET.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED						DEDUCT FROM CAPACITIES WHEN UPPER BOOM POINT IS ATTACHED	DEDUCT FROM CAPACITIES WHEN JIB IS ATTACHED		
OVER REAR ON EXTENDED OUTRIGGERS			OVER SIDE ON EXTENDED OUTRIGGERS				JIB	JIB	JIB
BOOM LGTH.	JIB NO. 123	JIB NO. 124	BOOM LGTH.	JIB NO. 123	JIB NO. 124		LGTH.	NO. 123	NO. 124
(A) 213'	---	---	(A) 213'	---	---	ONE SHEAVE POINT 700 LBS.	30'	2,500 LBS.	1,800 LBS.
203'	40'	60'	203'	30'	40'		40'	3,100 LBS.	2,050 LBS.
193'	60'	60'	193'	50'	60'		50'	3,700 LBS.	2,300 LBS.
			183'	60'	60'		60'	4,400 LBS.	2,500 LBS.
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.									
(A) UPPER BOOM POINT CANNOT BE USED ON 213' BOOM.									

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS
33	12	81.9	40.0	310,000*	38	12	83.0	45.1	310,000*	43	13	82.4	49.9	283,200*
	13	80.1	39.7	284,200*		13	81.4	44.8	283,500*		14	81.1	49.7	271,300*
	14	78.3	39.4	272,300*		14	79.9	44.6	271,600*		15	79.7	49.4	260,400*
	15	76.5	39.0	261,400*		15	78.3	44.3	260,700*		16	78.3	49.2	250,300*
	16	74.6	38.6	251,300*		16	76.7	43.9	250,500*		17	76.9	48.9	240,900*
	17	72.7	38.2	241,900*		17	75.1	43.6	241,200*		18	75.5	48.5	232,200*
	18	70.8	37.8	233,200*		18	73.5	43.2	232,500*		19	74.1	48.1	224,100*
	19	68.9	37.3	225,000*		19	71.9	42.8	224,300*		20	72.7	47.7	216,500*
	20	66.9	36.7	217,500*		20	70.2	42.3	216,700*		22	69.8	46.9	192,900*
	22	62.9	35.5	193,000*		22	66.9	41.3	192,600*		24	66.8	45.9	172,900*
	24	58.6	34.0	173,000*		24	63.4	40.1	172,700*		26	63.8	44.7	156,500*
	26	54.1	32.4	156,700*		26	59.8	38.8	156,400*		28	60.6	43.4	142,900*
	28	49.3	30.4	142,200*		28	56.0	37.2	142,700*		30	57.3	42.0	130,400
	30	43.9	28.0	126,000*		30	51.9	35.4	130,400		32	53.9	40.3	118,300
	32	37.8	25.1	111,000*		32	47.6	33.4	118,300		34	50.3	38.5	108,100
	34	30.3	21.2	96,200*		34	42.9	31.0	108,200		36	46.4	36.4	99,500
						36	37.7	28.1	99,400*		38	42.2	33.9	92,100
						38	31.4	24.4	88,100*		40	37.6	31.0	85,600

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85% TIPPING

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS
48	14	82.0	54.8	270,600*	73	17	82.4	79.7	203,300*	93	50	62.4	88.5	61,800
	15	80.8	54.6	259,600*		18	81.6	79.5	202,400*		55	58.8	85.4	54,100
	16	79.6	54.3	249,600*		19	80.8	79.3	201,100*		60	55.0	81.9	48,000
	17	78.3	54.1	240,200*		20	80.0	79.1	199,600*		65	51.1	77.8	42,900
	18	77.1	53.8	231,500*		22	78.4	78.6	193,700*		70	46.8	73.1	38,700
	19	75.8	53.4	223,400*		24	76.8	78.0	173,500*		75	42.2	67.6	35,100
	20	74.6	53.1	215,800*		26	75.1	77.4	157,000*		80	37.2	61.0	32,000
	22	72.0	52.3	192,500*		28	73.5	76.7	143,200*		85	31.3	53.0	29,300
	24	69.4	51.4	172,500*		30	71.8	76.0	130,400					
	26	66.8	50.4	156,200*		32	70.1	75.2	118,300					
	28	64.1	49.3	142,500*		34	68.4	74.3	108,100		20	82.9	109.6	180,600*
	30	61.3	48.1	130,200		36	66.7	73.3	99,400		22	81.8	109.2	180,600*
	32	58.4	46.7	118,000		38	64.9	72.3	91,900		24	80.7	108.8	167,000*
	34	55.4	45.2	107,900		40	63.1	71.2	85,500		26	79.5	108.4	152,800*
	36	52.2	43.4	99,200		45	58.5	68.1	72,400		28	78.4	108.0	140,800*
38	48.9	41.5	91,800	50	53.6	64.3	62,600	30	77.3	107.4	129,400			
40	45.4	39.4	85,300	55	48.3	59.8	54,900	32	76.1	106.9	117,200			
45	35.2	32.4	72,300	60	42.5	54.3	48,800	34	74.9	106.3	107,000			
				65	35.8	47.5	43,700	36	73.8	105.7	98,300			
				70	27.7	38.4	39,500	38	72.6	105.0	90,800			
53	14	82.8	59.9	270,600*	83	18	82.6	89.6	196,600*	103	40	71.4	104.2	84,300
	15	81.7	59.7	259,700*		19	81.9	89.5	195,600*		45	68.4	102.2	71,200
	16	80.6	59.5	249,600*		20	81.2	89.3	194,800*		50	65.3	99.9	61,400
	17	79.5	59.2	240,300*		22	79.8	88.8	192,900*		55	62.2	97.2	53,700
	18	78.4	59.0	231,600*		24	78.4	88.4	172,900*		60	58.9	94.1	47,500
	19	77.2	58.7	223,500*		26	77.0	87.8	156,400*		65	55.5	90.6	42,400
	20	76.1	58.4	215,900*		28	75.5	87.2	142,700*		70	52.0	86.7	38,200
	22	73.8	57.7	192,600*		30	74.1	86.6	130,100		75	48.3	82.2	34,600
	24	71.5	56.9	172,700*		32	72.6	85.9	117,900		80	44.3	77.0	31,500
	26	69.1	56.0	156,300*		34	71.1	85.1	107,700		85	39.9	71.1	28,800
	28	66.7	55.0	142,700*		36	69.7	84.3	99,000		90	35.2	64.0	26,500
	30	64.3	53.9	130,400		38	68.1	83.5	91,500		95	29.6	55.5	24,400
	32	61.8	52.7	118,300		40	66.6	82.5	85,000		22	82.5	119.4	160,100*
	34	59.2	51.4	108,100		45	62.7	79.9	72,000		24	81.5	119.0	153,500*
	36	56.5	49.9	99,400		50	58.7	76.8	62,200		26	80.5	118.6	147,200*
38	53.7	48.3	92,000	55	54.4	73.1	54,500	28	79.5	118.2	138,200*			
40	50.8	46.5	85,500	60	49.9	68.8	48,300	30	78.4	117.8	128,200*			
45	42.9	41.1	72,500	65	45.0	63.8	43,300	32	77.4	117.3	117,200			
50	33.3	33.7	62,700	70	39.6	57.8	39,000	34	76.3	116.7	107,000			
				75	33.4	50.3	35,400	36	75.3	116.1	98,300			
				80	25.8	40.5	32,400	38	74.2	115.5	90,800			
63	15	83.0	69.9	258,000*	99	19	82.8	99.6	189,900*	113	40	73.1	114.9	84,300
	16	82.1	69.7	248,600*		20	82.2	99.4	189,300*		45	70.4	113.0	71,200
	17	81.2	69.5	239,200*		22	80.9	99.1	188,000*		50	67.7	110.9	61,300
	18	80.2	69.3	230,600*		24	79.7	98.6	170,500*		55	64.9	108.5	53,600
	19	79.3	69.0	222,500*		26	78.4	98.2	156,000*		60	62.0	105.8	47,500
	20	78.4	68.8	214,900*		28	77.1	97.6	142,300*		65	59.0	102.8	42,400
	22	76.5	68.2	192,400*		30	75.8	97.1	129,800		70	56.0	99.3	38,200
	24	74.6	67.5	172,400*		32	74.6	96.5	117,600		75	52.8	95.5	34,600
	26	72.6	66.8	156,000*		34	73.3	95.8	107,400		80	49.4	91.2	31,500
	28	70.7	66.0	142,300*		36	72.0	95.1	98,700		85	45.9	86.3	28,800
	30	68.7	65.1	130,000		38	70.6	94.3	91,200		90	42.1	80.8	26,500
	32	66.7	64.2	117,900		40	69.3	93.5	84,700		95	38.0	74.4	24,400
	34	64.6	63.1	107,700		45	65.9	91.2	71,700		100	33.4	66.9	22,600
	36	62.5	62.0	99,000							105	28.2	57.9	20,900
	38	60.4	60.7	91,600										
40	58.2	59.4	85,100											
45	52.4	55.5	72,100											
50	46.1	50.6	62,200											
55	38.9	44.5	54,600											
60	30.1	36.2	48,400											

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123	24	82.2	129.2	145,600*	143	26	82.5	149.1	124,900*	163	28	82.7	169.0	102,600*
	26	81.3	128.8	139,300*		28	81.7	148.8	119,500*		30	82.0	168.7	99,500*
	28	80.3	128.4	133,600*		30	80.9	148.4	114,400*		32	81.3	168.4	96,400*
	30	79.4	128.0	125,900*		32	80.1	148.0	109,700*		34	80.6	168.0	93,300*
	32	78.4	127.6	116,900		34	79.2	147.6	105,300*		36	79.9	167.6	90,100*
	34	77.5	127.1	106,600		36	78.4	147.1	97,200		38	79.1	167.2	87,000*
	36	76.5	126.5	97,900		38	77.6	146.7	89,600		40	78.4	166.7	82,600
	38	75.5	126.0	90,400		40	76.8	146.2	83,100		45	76.6	165.5	69,400
	40	74.6	125.4	83,900		45	74.7	144.7	70,000		50	74.8	164.1	59,500
	45	72.1	123.7	70,800		50	72.6	143.1	60,100		55	73.0	162.5	51,800
	50	69.6	121.8	60,900		55	70.5	141.3	52,400		60	71.1	160.8	45,600
	55	67.1	119.6	53,200		60	68.3	139.3	46,200		65	69.2	158.9	40,500
	60	64.5	117.2	47,000		65	66.1	137.0	41,100		70	67.3	156.7	36,200
	65	61.8	114.5	41,900		70	63.9	134.5	36,800		75	65.4	154.4	32,600
	70	59.1	111.4	37,700		75	61.6	131.8	33,200		80	63.4	151.9	29,500
133	75	56.3	108.1	34,100	153	80	59.2	128.8	30,100	173	85	61.4	149.1	26,800
	80	53.4	104.3	31,000		85	56.8	125.5	27,400		90	59.3	146.1	24,500
	85	50.3	100.1	28,300		90	54.4	121.8	25,100		95	57.2	142.8	22,400
	90	47.2	95.5	26,000		95	51.8	117.9	23,000		100	55.1	139.3	20,500
	95	43.8	90.2	23,900		100	49.1	113.5	21,200		105	52.9	135.5	18,900
	100	40.2	84.3	22,100		105	46.4	108.7	19,500		110	50.6	131.4	17,400
	105	36.3	77.6	20,400		110	43.5	103.5	18,000		115	48.2	126.9	16,000
	110	31.9	69.7	18,900		115	40.4	97.6	16,700		120	45.8	122.0	14,800
	115	26.9	60.1	17,600		120	37.1	91.0	15,400		125	43.2	116.7	13,700
						125	33.5	83.5	14,300		130	40.5	110.8	12,700
						130	29.4	74.8	13,300		135	37.6	104.4	11,700
	24	82.8	139.3	138,900*		26	83.0	159.2	112,300*		140	34.6	97.2	10,800
	26	81.9	139.0	132,800*		28	82.2	158.9	109,100*		145	31.2	89.0	10,000
	28	81.1	138.6	127,100*		30	81.5	158.6	105,900*		150	27.5	79.6	9,300
	30	80.2	138.2	121,800*		32	80.7	158.2	102,500*					
	32	79.3	137.8	115,100*		34	80.0	157.8	99,100*		30	82.5	178.8	92,300*
153	34	78.4	137.4	106,300	173	36	79.2	157.4	95,800*		32	81.8	178.5	89,500*
	36	77.5	136.9	97,600		38	78.4	156.9	89,500		34	81.1	178.2	86,600*
	38	76.6	136.3	90,100		40	77.7	156.5	82,900		36	80.5	177.8	83,800*
	40	75.7	135.8	83,500		45	75.7	155.2	69,800		38	79.8	177.4	80,900*
	45	73.5	134.3	70,400		50	73.8	153.7	59,900		40	79.1	177.0	78,200*
	50	71.2	132.5	60,500		55	71.8	152.0	52,200		45	77.4	175.8	69,000
	55	68.9	130.5	52,800		60	69.8	150.1	46,000		50	75.7	174.5	59,100
	60	66.5	128.3	46,600		65	67.8	148.0	40,900		55	74.0	173.1	51,400
	65	64.1	125.9	41,500		70	65.7	145.7	36,700		60	72.2	171.4	45,200
	70	61.7	123.1	37,300		75	63.6	143.2	33,100		65	70.5	169.6	40,100
	75	59.2	120.1	33,700		80	61.5	140.4	30,000		70	68.7	167.6	35,800
	80	56.6	116.8	30,600		85	59.3	137.4	27,300		75	66.9	165.4	32,200
	85	53.9	113.1	27,900		90	57.0	134.2	24,900		80	65.1	163.1	29,100
	90	51.1	109.0	25,600		95	54.7	130.6	22,900		85	63.2	160.5	26,400
	95	48.2	104.5	23,500		100	52.4	126.7	21,000		90	61.3	157.8	24,100
	100	45.2	99.5	21,700		105	49.9	122.5	19,400		95	59.4	154.8	22,000
	105	42.0	94.0	20,000		110	47.4	117.8	17,900		100	57.4	151.5	20,100
	110	38.5	87.7	18,500		115	44.7	112.8	16,500		105	55.4	148.0	18,500
	115	34.8	80.6	17,200		120	41.9	107.2	15,300		110	53.3	144.3	17,000
	120	30.6	72.3	15,900		125	38.9	101.0	14,200		115	51.2	140.2	15,600
	125	25.8	62.3	14,800		130	35.7	94.1	13,100		120	49.0	135.9	14,400
						135	32.3	86.3	12,200		125	46.7	131.1	13,300
						140	28.4	77.3	11,300		130	44.3	126.0	12,200
											135	41.8	120.4	11,300
											140	39.2	114.3	10,400
											145	36.5	107.6	9,600
											150	33.5	100.1	8,800
											155	30.2	91.6	8,100
											160	26.6	81.9	7,500

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RATING OVER SIDE OR REAR ON EXTENDED OUTRIGGERS

85% TIPPING

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS
183	30	82.9	188.9	86,600*	193	32	82.7	198.8	77,400*	203	150	44.9	148.5	7,600
	32	82.3	188.6	83,900*		34	82.1	198.4	75,200*		155	42.9	143.1	6,900
	34	81.6	188.3	81,200*		36	81.5	198.1	73,000*		160	40.7	137.3	6,300
	36	81.0	188.0	78,600*		38	80.9	197.8	70,800*		165	38.4	131.0	5,700
	38	80.3	187.6	76,000*		40	80.3	197.4	68,500*		170	36.0	124.2	5,100
	40	79.7	187.2	73,400*		45	78.7	196.4	63,200*		175	33.5	116.7	4,500
	45	78.1	186.1	67,300*		50	77.2	195.2	58,200*		180	30.8	108.4	4,000
	50	76.5	184.9	58,700		55	75.7	193.9	50,700		185	27.8	99.1	3,600
	55	74.9	183.5	50,900		60	74.1	192.4	44,500	213	34	82.8	218.7	64,400*
	60	73.2	182.0	44,700		65	72.6	190.8	39,400		36	82.3	218.4	62,600*
	65	71.6	180.3	39,600		70	71.0	189.1	35,100		38	81.7	218.1	60,700*
	70	69.9	178.4	35,300		75	69.4	187.2	31,500		40	81.2	217.7	58,900*
	75	68.2	176.4	31,700		80	67.8	185.1	28,400		45	79.8	216.8	54,400*
	80	66.5	174.2	28,600		85	66.2	182.9	25,700		50	78.4	215.7	50,100*
	85	64.8	171.8	25,900		90	64.5	180.4	23,300		55	77.1	214.6	46,200*
	90	63.0	169.2	23,600		95	62.9	177.9	21,300		60	75.7	213.3	42,600*
	95	61.2	166.4	21,500		100	61.2	175.1	19,400		65	74.3	211.8	38,500
	100	59.4	163.4	19,600		105	59.4	172.1	17,700		70	72.9	210.2	34,300
	105	57.5	160.2	18,000		110	57.7	168.9	16,200		75	71.4	208.5	30,600
	110	55.6	156.8	16,500		115	55.9	165.5	14,900		80	70.0	206.7	27,500
	115	53.7	153.1	15,100		120	54.0	161.8	13,700		85	68.6	204.7	24,800
	120	51.7	149.1	13,900		125	52.2	157.9	12,500		90	67.1	202.5	22,500
	125	49.6	144.8	12,800		130	50.2	153.7	11,500		95	65.6	200.3	20,400
	130	47.5	140.2	11,700		135	48.2	149.2	10,600		100	64.1	197.8	18,500
	135	45.3	135.3	10,800		140	46.2	144.4	9,700		105	62.6	195.2	16,900
203	140	43.0	129.9	9,900	213	145	44.0	139.3	8,900		110	61.1	192.4	15,400
	145	40.6	124.1	9,100		150	41.8	133.7	8,100		115	59.5	189.4	14,000
	150	38.1	117.7	8,300		155	39.5	127.6	7,400		120	57.9	186.2	12,800
	155	35.4	110.7	7,600		160	37.0	121.0	6,800		125	56.3	182.9	11,600
	160	32.5	102.9	7,000		165	34.4	113.7	6,100		130	54.6	179.3	10,600
	165	29.3	94.2	6,400		170	31.6	105.7	5,600		135	52.9	175.5	9,700
	170	25.8	84.1	5,800		175	28.5	96.7	5,000		140	51.2	171.5	8,800
						180	25.1	86.3	4,500		145	49.4	167.2	8,000
						32	83.0	208.9	70,900*		150	47.6	162.6	7,200
						34	82.5	208.6	68,900*		155	45.7	157.7	6,500
						36	81.9	208.2	67,000*		160	43.8	152.5	5,800
						38	81.3	207.9	65,000*		165	41.8	146.9	5,200
						40	80.7	207.6	63,000*		170	39.7	140.9	4,700
						45	79.3	206.6	58,200*		175	37.5	134.4	4,100
						50	77.9	205.5	53,600*		180	35.1	127.3	3,600
						55	76.4	204.2	49,500*		185	32.6	119.6	3,100
						60	74.9	202.9	44,100					
						65	73.5	201.3	38,900					
						70	72.0	199.7	34,700					
						75	70.5	197.9	31,100					
						80	69.0	195.9	27,900					
						85	67.4	193.8	25,200					
						90	65.9	191.6	22,900					
223						95	64.3	189.1	20,800					
						100	62.7	186.5	18,900					
						105	61.1	183.7	17,300					
						110	59.5	180.8	15,800					
						115	57.8	177.6	14,400					
						120	56.1	174.2	13,200					
						125	54.3	170.6	12,100					
						130	52.6	166.7	11,000					
						135	50.7	162.6	10,100					
						140	48.9	158.2	9,200					
						145	46.9	153.5	8,400					