



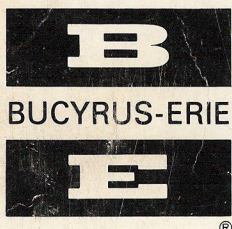
Workingest crane you can own.

Now you know why we say the 65-C does jobs others can't. And why its outstanding versatility and performance make it the workingest crane you can own.

The 65-C gets to the job sooner. Carries its own boom with it. Swings into action faster. Lifts more, works faster, provides precise control no other crane of its size can offer. With "Quick-lock" boom section connections, it can be rigged fully, in far less time than any other crane of its size.

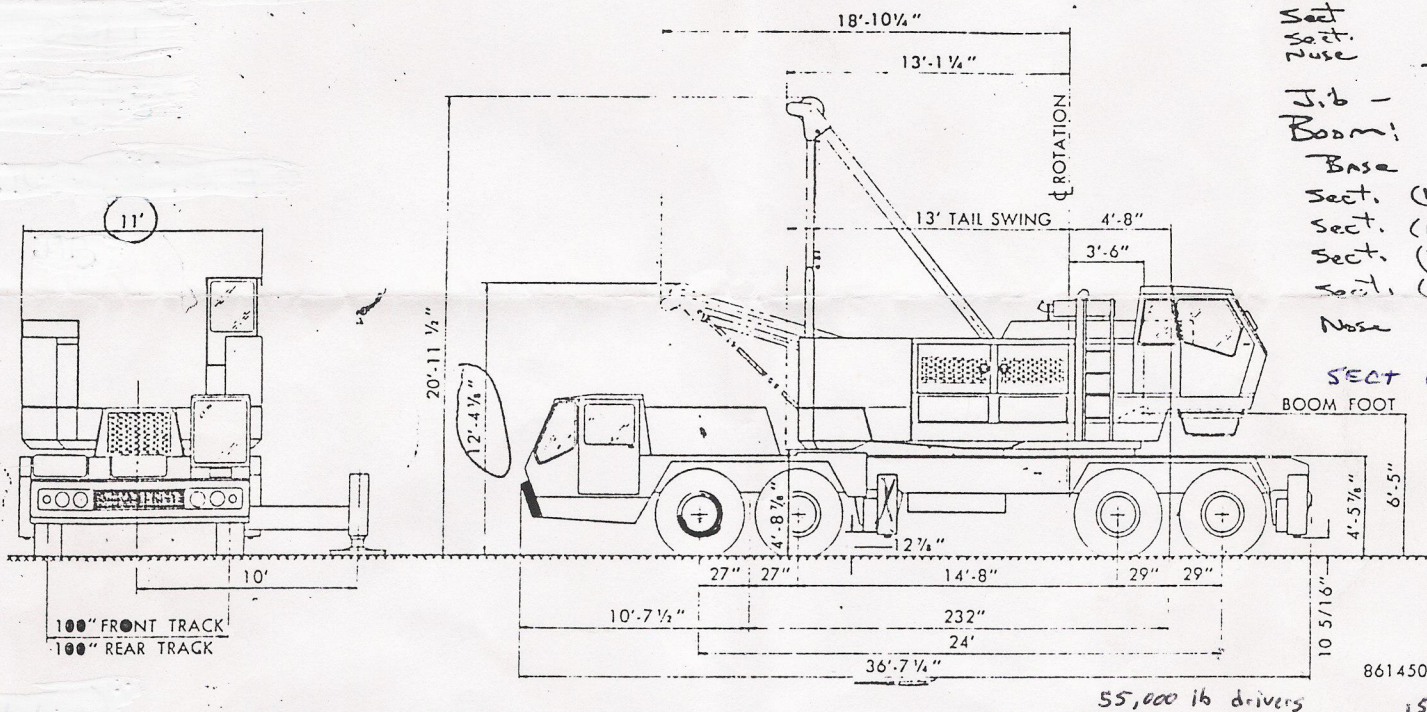
And because it's built by Bucyrus-Erie, it's built to last. It will work longer, and you'll do better when you trade or sell it.

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**B**

BUCYRUS-ERIE

E**65-C****70 TON HYDROCRANE
SPECIFICATIONS**

Base
Sect.
Sect.
Nose

Jib -
Boom:
Base
Sect. (1)
Sect. (1)
Sect. (2)
Sect. (1)
Nose
S'ECT (1)
BOOM FOOT

ALL HYDRAULIC → HOIST DRUMS

Drum	Model No.	Type Of Lagging	Layer Of Rope	Pitch Dia.	Pull In Lbs.	Line Speed (FPM)		Rope Capacity	
						Normal	High	With Controlled Free Fall	Without Controlled Free Fall
Main 7/8" Rope	24	Standard	1 st. 5 th.	17 1/2" 24 1/2"	24,000 17,100	130 182	260 364	137' 822'	165' 988'
		High Speed	1 st. 2 nd.	30" 31 3/4"	14,000 13,200	223 236	446 472	235 484'	—
Auxiliary (Runner) 3/4" Rope	16	Standard	1 st. 5 th.	15" 21"	16,450 11,750	175 245	— —	117' 702'	145' 869'
		High Speed	1 st. 2 nd.	24 1/2" 26"	10,000 9,500	287 305	— —	192' 396'	—
Third 5/8" Rope	12	Standard	1 st.	12 1/2"	9,200	130	—	—	52'
			5 th.	17 1/2"	6,500	182	—	—	314'
			8 th.	21 1/4"	5,400	221	—	—	565'

ENGINE SPECIFICATIONS — UPPER

Make	Model	Type	Cylinders	Bore x Stroke	Displacement	H. P. (Net)	Altitude (Ft.)
GM	6-71	Diesel	6	4 1/4" x 5"	426 Cu. In.	200 @ 2100 RPM	0 - 4000
Cummins	N-743	Diesel	6	5 1/8" x 6"	743 Cu. In.	195 @ 2100 RPM	0 - 4000

WEIGHTS (Approx.)

Type	Net	Working	Export Shipping	Ships Option Tons
Crane 30' Boom	105,360 lbs.	106,400 lbs.	109,500 lbs.	135.5



65-C HYDROCRANE

70 TON TRUCK CRANE (P. C. & S. A. CLASS 12-354)

MAXIMUM ALLOWABLE LOADS IN POUNDS — CRANE SERVICE

MAXIMUM ALLOWABLE LOADS IN POUNDS — CRANE SERVICE																			
Boom Length In Feet	Load Radius In Feet	Boom Angle In Deg.	Boom Point Pin Height (ft.-in.)	Outriggers Set †				Without Outriggers				Boom Length In Feet	Load Radius In Feet	Boom Angle In Deg.	Boom Point Pin Height (ft.-in.)	Outriggers Set †			
				Over Side		Over Rear**		Over Side		Over Rear**						Over Side		Over Rear**	
				Col. 1	Col. 2	Col. 1	Col. 2	Col. 1	Col. 2	Col. 1	Col. 2					Col. 1	Col. 2	Col. 1	Col. 2
30	12	80	35' 3"	*140,000	*140,000	*140,000	*140,000	*55,300	*55,300	*68,500	*68,500	140	30	80	144' 0"	*45,000	*45,000	*45,000	*45,000
	15	73	34' 0"	*120,000	*120,000	*120,000	*120,000	*46,300	*46,300	*61,400	*61,400		40	76	143' 6"	29,900	33,900	34,900	38,900
	20	63	31' 6"	*96,000	*96,000	*96,000	*96,000	33,700	38,200	45,300	51,300		50	71	138' 6"	21,300	24,200	25,000	28,400
	25	50	27' 3"	65,300	*71,200	*71,200	*71,200	26,200	28,500	33,700	38,100		60	67	134' 6"	16,200	18,400	19,200	21,700
	30	34	20' 6"	48,500	*50,000	*50,000	*50,000	19,900	22,600	26,600	30,200		70	62	129' 6"	12,800	14,500	15,200	17,300
40	12	81	45' 6"	*140,000	*140,000	*140,000	*140,000	*55,300	*55,300	*68,500	*68,500	150	80	58	123' 9"	10,400	11,800	12,400	14,100
	15	77	44' 9"	*120,000	*120,000	*120,000	*120,000	*46,300	*46,300	*61,400	*61,400		90	53	116' 6"	8,600	9,700	10,400	11,700
	20	69	42' 9"	*96,000	*96,000	*96,000	*96,000	33,400	37,900	44,900	51,000		100	47	107' 9"	7,150	8,100	8,750	9,900
	25	61	40' 3"	65,100	73,800	*75,000	*75,000	24,800	28,200	33,300	37,800		110	41	97' 3"	6,000	6,800	7,450	8,450
	30	52	36' 3"	48,300	54,700	56,000	58,400	19,600	22,200	26,300	29,800		120	35	84' 0"	5,100	5,750	6,400	7,250
50	12	82	55' 0"	*120,000	*120,000	*120,000	*120,000	*46,300	*46,300	*61,400	*61,400	160	130	26	66' 6"	4,300	4,900	5,500	6,250
	15	80	53' 6"	*96,000	*96,000	*96,000	*96,000	33,300	37,900	44,900	51,000		40	77	152' 0"	*40,100	*40,100	*40,100	*40,100
	20	73	51' 6"	65,000	73,700	75,000	75,000	24,800	28,200	33,300	37,800		50	71	145' 0"	21,200	24,100	24,900	28,300
	25	63	48' 9"	48,100	54,500	55,900	58,300	19,500	22,100	26,200	29,700		60	65	145' 3"	16,100	18,300	19,000	21,600
	30	54	45' 3"	38,000	43,000	44,100	46,400	13,200	15,000	18,000	20,400		70	64	140' 6"	12,700	14,400	15,100	17,200
60	12	83	65' 3"	*120,000	*120,000	*120,000	*120,000	*46,300	*46,300	*61,400	*61,400	170	80	60	135' 6"	10,300	11,600	12,300	14,000
	15	81	64' 0"	*96,000	*96,000	*96,000	*96,000	33,000	37,400	44,400	50,500		90	56	129' 0"	8,450	9,600	10,200	11,600
	20	71	62' 6"	64,900	73,500	75,500	76,700	24,400	27,700	32,900	37,300		100	51	121' 3"	7,000	7,950	8,600	9,900
	25	66	60' 3"	48,000	54,400	55,700	58,000	19,200	21,700	25,900	29,400		110	46	112' 0"	5,900	6,650	7,300	8,300
	30	57	57' 6"	37,800	42,900	43,900	45,000	15,600	17,700	21,200	24,000		120	40	101' 0"	4,950	5,600	6,250	7,100
70	12	84	77' 3"	*96,000	*96,000	*96,000	*96,000	32,900	37,200	44,400	50,400	180	130	33	87' 0"	4,150	4,750	5,350	6,100
	15	74	73' 0"	64,800	73,400	75,500	76,600	24,300	27,500	32,800	37,200		40	78	162' 3"	*36,000	*36,000	*36,000	*36,000
	20	70	71' 3"	47,900	54,300	55,600	57,900	19,000	21,600	25,800	29,200		50	74	159' 6"	21,100	23,900	24,800	28,100
	25	61	66' 3"	31,000	35,100	36,000	40,100	12,900	14,700	17,700	20,000		60	70	156' 0"	15,900	18,100	18,900	21,400
	30	50	58' 9"	22,500	25,500	26,200	29,400	9,500	10,800	13,100	14,900		70	66	152' 0"	12,500	14,200	14,900	16,900
80	12	85	87' 9"	*86,100	*86,100	*86,100	*86,100	32,500	36,800	44,000	50,000	190	80	62	147' 0"	10,100	11,400	12,100	13,700
	15	78	83' 0"	64,600	73,200	75,200	76,400	24,200	27,400	32,600	37,000		90	58	141' 0"	8,250	9,350	10,000	11,400
	20	70	71' 3"	47,900	54,300	55,600	57,900	19,000	21,600	25,800	29,200		100	54	134' 0"	6,800	7,750	8,450	9,550
	25	61	66' 3"	31,000	35,100	36,000	40,100	12,900	14,700	17,700	20,000		110	49	125' 9"	5,700	6,450	7,100	8,100
	30	50	58' 9"	22,500	25,500	26,200	29,400	9,500	10,800	13,100	14,900		120	44	116' 0"	4,750	5,400	6,050	6,850
90	12	86	99' 0"	*64,800	*64,800	*64,800	*64,800	24,200	27,400	32,600	37,000	200	130	38	104' 6"	4,000	4,500	5,150	5,850
	15	79	93' 9"	64,600	73,200	75,200	76,400	23,900	27,100	32,400	36,700		40	78	173' 6"	*30,500	*30,500	*30,500	*30,500
	20	70	71' 3"	47,900	54,300	55,600	57,900	19,000	21,600	25,800	29,200		50	75	170' 0"	20,900	23,600	24,600	27,500
	25	61	66' 3"	31,000	35,100	36,000	40,100	12,900	14,700	17,700	20,000		60	71	166' 9"	15,700	17,800	18,700	21,100
	30	50	58' 9"	22,500	25,500	26,200	29,400	9,500	10,800	13,100	14,900		70	68	162' 9"	12,300	13,900	14,700	16,700
100	12	87	114' 3"	*51,900	*51,900	*51,900	*51,900	23,200	26,500	31,700	35,900	170	80	64	158' 3"	9,900	11,200	11,900	13,500
	15	80	112' 3"	*47,300	*47,300	*47,300	*47,300	20,500	24,000	28,200	32,500		90	60	152' 9"	8,050	9,100	9,850	11,100
	20	71	71' 3"	47,900	54,300	55,600	57,900	19,000	21,600	25,800	29,200		100	56	146' 3"	6,600	7,500	8,200	9,300
	25	61	66' 3"	31,000	35,100	36,000	40,100	12,900	14,700	17,700	20,000		110	52	139' 0"	5,450	6,200	6,900	7,800
	30	50	58' 9"	22,500	25,500	26,200	29,400	9,500	10,800	13,100	14,900		120	47	130' 3"	4,550	5,150	5,850	6,600
110	12	88	124' 6"	*38,000	*38,000	*38,000	*38,000	18,300	20,700	25,100	28,400	180	130	43	120' 0"	3,750	4,250	4,960	5,600
	15	81	122' 6"	*34,300	*34,300	*34,300	*34,300	16,800	19,200	23,600	26,900		140	37	107' 9"	3,100	3,500	4,200	4,750
	20	71	71' 3"	47,900	54,300	55,600	57,900	19,000	21,600	25,800	29,200		40	79	182' 9"	*27,200	*27,200	*27,200	*27,200
	25	61	66' 3"	31,000	35,100	36,000	40,100	12,900	14,700	17,700	20,000		50	76	180' 3"	26,200	29,000	29,400	33,000
	30	50	58' 9"	22,500	25,500	26,200	29,400	9,500	10,800	13,100	14,900		60	72	177' 3"	15,600	17,600	18,500	21,000
120	12	89	134' 6"	*24,400	*24,400	*24,400	*24,400	11,600	13,200	16,000	18,400	190	70	69	173' 9"	12,100	13,800	14,600	16,500
	15	82	132' 6"	*21,700	*21,700	*21,700	*21,700	10,600	12,200	14,800	17,000		80	65	169' 3"	9,700	11,000	11,800	13,300
	20	71	71' 3"	47,900	54,300	55,600	57,900	19,000	21,600	25,800	29,200		90	62	164' 3"	7,850	8,900	9,650	10,900
	25	61	66' 3"	31,000	35,100	36,000	40,100	12,900	14,700	17,700	20,000		100	58	158' 3"	6,450	7,300	8,050	9,100
	30	50	58' 9"	22,500	25,500	26,200	29,400	9,500	10,800	13,100	14,900		110	54	151' 6"	5,300	6,000	6,750	7,600
130	12	90	144' 3"	*19,900	*19,900	*19,900	*19,900	9,400	10,600	12,800	14,800	200	120	50	143' 9"	4,350	4,950	5,650	6,400
	15	83	142' 3"	*17,800	*17,800	*17,800	*17,800	8,400	9,600	11,600	13,600		130	46	134' 6"	3,600	4,050	4,750	5,400
	20	71	71' 3"	47,900	54,300	55,600	57,900	19,000	21,600	25,800	29,200		140	41	123' 9"	2,900	3,300	4,000	4,550
	25	61	66' 3"	31,000	35,100	36,000	40,100	12,900	14,700	17,700	20,000		40	79	192' 9"	*24,400	*24,400	*24,400	*24,400
	30	50	58' 9"	22,500	25,500	26,200	29,400	9,500	10,800	13,100	14,900		50	76	190' 9"	20,600	21,800	21,800	24,800

Column 1: Loads in Column One do not exceed 75% of tipping loads with machine on firm level ground over the sides or rear.

Column 2: Loads in Column Two do not exceed 85% of tipping load with machine on firm level ground over the sides or rear.

† Outriggers fully extended and supporting machine with rear tires clear of ground.



70 TON JIB

65-C HYDROCRANE

MAXIMUM ALLOWABLE LOADS — JIB (LBS.)

BOOM LENGTH IN FEET	BOOM ANGLE IN DEGREES	JIB LENGTH (IN FEET) AND OFFSET (IN DEGREES) †																	
		20' JIB						35' JIB						50' JIB					
		0° OFFSET		15° OFFSET		30° OFFSET		0° OFFSET		15° OFFSET		30° OFFSET		0° OFFSET		15° OFFSET		30° OFF	
		COL. 1	COL. 2	COL. 1	COL. 2	COL. 1	COL. 2	COL. 1	COL. 2	COL. 1	COL. 2	COL. 1	COL. 2	COL. 1	COL. 2	COL. 1	COL. 2	COL. 1	COL. 2
50 AND 60	80	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,550	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	75	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,550	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	70	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,550	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	65	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,100	*15,100	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	60	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*14,800	*14,800	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	55	22,200	25,200	20,300	*22,500	19,100	*20,000	*15,800	*15,800	*14,600	*14,600	*12,800	*12,800	*10,300	*10,300	*9,350	*9,350	*8,000	
70 AND 80	50	19,100	21,700	17,800	20,200	16,900	19,200	*15,400	*15,400	14,100	*14,500	*12,800	*12,800	*10,000	*10,000	*9,150	*9,150	*8,000	
	45	16,900	19,200	15,900	18,100	15,300	17,400	13,900	*15,100	12,700	14,400	12,100	*12,800	*9,700	*9,700	*9,050	*9,050	*8,000	
	40	15,200	17,300	14,500	16,500	14,100	16,000	12,500	14,200	11,600	13,200	11,200	12,700	*9,500	*9,500	*8,950	*8,950	*8,000	
	80	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	75	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	70	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
90 AND 100	65	24,500	*26,000	21,800	*22,500	*20,000	*20,000	*16,500	*16,500	*15,100	*15,100	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	60	19,500	22,200	17,900	20,300	16,800	19,100	*16,500	*16,500	14,500	*14,800	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	55	16,300	18,500	15,100	17,200	14,400	16,400	13,800	15,700	12,400	14,100	11,600	*12,800	*10,300	*10,300	*9,350	*9,350	*8,000	
	50	14,000	15,900	13,200	15,000	12,700	14,400	11,900	13,500	10,800	12,300	10,300	11,700	*10,000	*10,000	*9,150	*9,150	*8,000	
	45	12,300	14,000	11,700	13,300	11,300	12,900	10,400	11,800	9,700	11,000	9,250	10,500	9,000	*9,700	8,200	*9,050	*7,750	
	40	11,000	12,500	10,500	12,000	10,400	11,800	9,350	10,600	8,800	10,000	8,500	9,650	8,000	9,100	7,400	8,400	7,150	
110 AND 120	80	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	75	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	70	20,100	22,800	18,000	20,500	16,700	19,000	*16,500	*16,500	15,100	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	65	14,900	17,000	13,800	15,700	13,000	14,800	13,200	15,000	11,700	13,300	10,600	12,100	*10,600	*10,600	*9,500	*9,500	*8,000	
	60	11,800	13,400	11,100	12,600	10,500	12,000	10,400	11,800	9,400	10,700	8,800	10,000	9,250	10,500	8,100	9,200	7,450	
	55	9,600	10,900	9,150	10,400	8,800	10,000	8,450	9,600	7,800	8,850	7,400	8,400	7,500	8,500	6,750	7,650	6,250	
130 AND 140	50	8,050	9,150	7,700	8,750	7,500	8,500	7,050	8,000	6,600	7,500	6,300	7,150	6,200	7,050	5,650	6,450	5,350	
	45	6,850	7,800	6,650	7,550	6,500	7,400	6,000	6,800	5,650	6,450	5,500	6,250	5,250	6,000	4,900	5,550	4,650	
	40	6,000	6,800	5,800	6,600	5,700	6,500	5,200	5,900	4,900	5,600	4,850	5,500	4,500	5,150	4,250	4,850	4,150	
	80	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	75	24,100	*26,000	21,200	*22,500	19,300	*20,000	*16,500	*16,500	*15,500	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	70	16,300	18,500	14,900	16,900	13,900	15,800	14,600	*16,500	12,700	14,400	*11,300	*11,300	*10,600	*10,600	*9,500	*9,500	*7,550	
150 AND 160	65	12,000	13,600	11,200	12,700	10,500	12,000	10,700	12,200	9,600	10,900	8,800	10,000	9,650	*10,600	8,350	9,350	*7,100	
	60	9,250	10,500	8,750	9,950	8,400	9,550	8,250	9,350	7,500	8,550	7,100	8,050	7,350	8,350	6,550	7,450	6,050	
	55	7,400	8,400	7,050	8,000	6,800	7,750	6,500	7,400	6,050	6,900	5,750	6,550	5,800	6,600	5,250	6,000	4,900	
	50	6,000	6,850	5,800	6,600	5,600	6,400	5,250	6,000	4,950	5,650	4,800	5,450	4,650	5,300	4,300	4,900	4,100	
	45	5,000	5,700	4,850	5,550	4,750	5,400	4,350	4,950	4,100	4,700	4,050	4,600	3,800	4,350	3,550	4,050	3,400	
	40	4,200	4,800	4,100	4,700	4,050	4,600	3,650	4,150	3,500	4,000	3,400	3,900	3,150	3,600	3,000	3,400	2,900	
170 AND 180	80	*26,000	*26,000	*22,500	*22,500	*20,000	*20,000	*16,500	*16,500	*15,500	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*8,000	
	75	20,200	22,900	18,000	20,500	16,500	18,800	*16,500	*16,500	15,300	*15,500	*12,800	*12,800	*10,600	*10,600	*9,500	*9,500	*7,550	
	70	13,500	15,300	12,400	14,100	11,600	13,200	12,100	13,800	10,600	12,100	9,750	*10,800	*10,600	*10,600	9,350	*9,500	*7,300	
	65	9,700	11,000	9,050	10,300	8,700	9,900	8,700	9,900	7,900	8,950	7,300	8,300	7,900	8,950	6,900	7,850	6,300	
	60	7,300	8,300	6,950	7,900	6,700	7,600	6,500	7,400	6,000	6,800	5,700	6,450	5,850	6,650	5,250	5,950	4,850	
	55	5,600	6,400	5,400	6,150	5,250	6,000	5,000	5,700	4,650	5,300	4,500	5,100	4,450	5,050	4,050	4,600	3,800	
190	50	4,450	5,050	4,300	4,900	4,150	4,750	3,900	4,450	3,700	4,200	3,550	4,050	3,400	3,900	3,150	3,600	3,050	
	45	3,550	4,050	3,400	3,900	3,350	3,850	3,050	3,500	2,950	3,350	2,850	3,250	2,700	3,050	2,500	2,850	2,400	
	80	*22,500	*22,500	*20,800	*20,800	*19,400	*19,400	*16,500	*16,500	*15,500	*15,500	*12,400	*12,400	*10,600	*10,600	*9,500	*9,500	*8,000	
	75	17,000	19,300	15,400	17,500	14,200	16,100	15,500	*16,500	13,200	*14,800	*12,200	*12,200	*10,600	*10,600	*9,500	*9,500	*7,550	
200	70	11,100	12,600	10,300	11,700	9,750	11,100	10,900	11,400	9,000	10,200	8,200	9,300	9,150	10,400	7,900	*8,950	*6,950	
	65	7,750	8,800	7,300	8,300	7,000	7,950	7,000	7,950	6,400	7,250	6,000	6,800	6,350	7,200	5,600	6,350	5,100	
	60	5,600	6,350	5,350	6,100	5,200	5,900	5,000	5,700	4,650	5,300	4,400	5,000	4,500	5,100	4,050	4,600	3,800	
	55	4,100	4,700	3,950	4,500	3,850	4,400	3,650	4,150	3,400	3,900	3,250	3,700	3,200	3,650	2,950	3,350	2,750	
210	50	3,050	3,500	2,950	3,350	2,900	3,300	2,600	3,000	2,500	2,850	2,400	2,750	2,300	2,600	2,100	2,400	2,000	