

American Crane Corporation  
Wilmington, North Carolina 28412

Model 998 Crawler Crane On Barge  
Offshore Floating - Ratings in Pounds  
58 Heavy Duty Angle Boom  
38,000 Pounds Counterweight

BOOM LENGTH	RADIUS (FEET)	BOOM ANGLE (DEGREES)	RATINGS (SIDE FRAMES EXTENDED) (POUNDS)	FROM BOOM POINT TO BARGE DECK (FEET)
60' ( 18.3M) BOOM	15	80.5	180,000 *	66
	20	75.6	122,080	65
	25	70.6	86,690	63
	30	65.4	66,720	61
	35	60.1	53,900	59
	40	54.4	44,960	55
	50	41.5	33,320	46
	60	23.7	26,050	31
70' ( 21.3M) BOOM	17	83.2	164,240	75
	20	77.7	121,880	75
	25	73.4	86,450	74
	30	69.1	66,470	72
	35	64.7	53,630	70
	40	60.1	44,690	67
	50	50.1	33,030	60
	60	38.3	25,760	50
80' ( 24.4M) BOOM	18	80.7	144,930	85
	20	79.2	121,650	85
	25	75.6	86,190	84
	30	71.8	66,180	83
	35	68.0	53,340	81
	40	64.1	44,390	78
	50	55.8	32,730	73
	60	46.6	25,460	65
90' ( 27.4M) BOOM	20	80.4	121,420	95
	25	77.2	85,910	94
	30	73.9	65,890	93
	35	70.6	53,030	91
	40	67.2	44,070	89
	50	60.0	32,400	84
	60	52.4	25,130	78
	70	43.8	20,150	69
80	33.6	16,530	56	
90	19.3	13,760	36	

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100' ( 30.5M) BOOM	21	80.8	112,020	
	25	78.5	85,620	105
	30	75.6	65,580	105
	35	72.6	52,710	103
	40	69.6	43,740	102
	50	63.3	32,070	100
	60	56.7	24,790	96
	70	49.5	19,810	90
	80	41.5	16,190	83
	90	31.9	13,430	73
	100	18.3	11,250	59
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110' ( 33.5M) BOOM	23	80.6	97,650	
	25	79.6	85,330	115
	30	76.9	65,270	115
	35	74.2	52,380	114
	40	71.5	43,410	112
	50	65.9	31,720	111
	60	60.0	24,440	107
	70	53.8	19,460	102
	80	47.1	15,840	95
	90	39.5	13,080	87
	100	30.3	10,910	76
110	17.5	9,140	62	
				39
120' ( 36.6M) BOOM	24	80.9	90,480	
	25	80.4	85,040	125
	30	78.0	64,950	125
	35	75.6	52,050	124
	40	73.1	43,070	123
	50	68.0	31,370	121
	60	62.8	24,090	118
	70	57.2	19,110	113
	80	51.4	15,480	107
	90	44.9	12,730	100
	100	37.7	10,550	91
	110	29.0	8,800	80
	120	16.7	7,330	65
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