



Wilmington, North Carolina 28412

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	80.2	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	
70	21.9	20,780	33	
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
70	35.7	20,480	53	
80	20.5	16,850	35	
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	

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)
100' (30.5M) BOOM	21	80.8	112,020	105
	25	79.5	85,620	105
	30	75.6	65,580	103
	35	72.6	52,710	102
	40	69.6	43,740	100
	50	63.3	32,070	96
	60	56.7	24,790	90
	70	49.5	19,810	83
	80	41.5	16,190	73
	90	31.9	13,430	59
	100	18.3	11,250	38
110' (33.5M) BOOM	23	80.6	97,650	115
	25	79.6	85,330	115
	30	76.9	65,270	114
	35	74.2	52,380	112
	40	71.5	43,410	111
	50	65.9	31,720	107
	60	60.0	24,440	102
	70	53.8	19,460	95
	80	47.1	15,840	87
	90	39.5	13,080	76
	100	30.3	10,910	62
110	17.5	9,140	39	
120' (36.6M) BOOM	24	80.9	90,480	125
	25	80.4	85,040	125
	30	78.0	64,950	124
	35	75.6	52,050	123
	40	73.1	43,070	121
	50	68.0	31,370	118
	60	62.8	24,090	113
	70	57.2	19,110	107
	80	51.4	15,480	100
	90	44.9	12,730	91
	100	37.7	10,550	80
110	29.0	8,800	65	
120	16.7	7,330	41	

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