



500 SERIES

MODEL 5680

SELF-PROPELLED CRANE

LIFT RATINGS

WITH 47H TUBULAR CHORD BOOM AND "S-S" COUNTERWEIGHT (34,500 LB.)

Boom Lgh.	Radius In Feet	Boom Angle Degrees	Free Ratings		Outriggers Extended & Set		Feet From Boom Point
			Over Side	Over Rear	Over Side	Over Rear	
40 feet	11	80.5	84,290	138,760	150,000	150,000	46
	12	79.0	79,470	132,480	150,000	150,000	46
	15	74.6	67,760	107,250	135,310	135,310	45
	20	67.0	54,320	68,230	96,730	101,520	44
	25	58.8	45,180	49,740	67,680	81,230	41
	30	49.9	38,590	38,970	51,850	67,720	37
	35	39.5	31,860	31,890	41,860	58,050	32
	40	25.8	26,890	26,910	35,010	42,820	24
50 feet	13	80.1	74,710	126,250	150,000	150,000	56
	15	77.7	67,370	107,200	135,210	135,210	56
	20	71.8	53,970	68,140	96,710	101,440	54
	25	65.6	44,860	49,620	67,610	81,160	52
	30	59.1	38,300	38,860	51,770	67,670	50
	35	52.0	31,730	31,760	41,750	57,990	46
	40	44.2	26,780	26,800	34,920	50,790	42
	50	22.9	20,170	20,190	26,060	33,550	26
60 feet	14	80.8	70,410	120,520	144,720	144,720	66
	15	79.8	66,980	107,110	135,110	135,110	66
	20	74.9	53,630	68,010	96,650	101,370	65
	25	69.9	44,540	49,490	67,510	81,100	63
	30	64.7	38,010	38,720	51,660	67,620	61
	35	59.2	31,580	31,610	41,620	57,940	58
	40	53.4	26,630	26,660	34,790	50,750	55
	50	40.1	20,010	20,030	25,920	39,610	45
60	20.8	15,860	15,880	20,470	26,720	28	
70 feet	16	80.5	63,490	96,020	126,530	126,530	76
	20	77.1	53,360	67,910	96,590	101,290	75
	25	72.9	44,310	49,380	67,430	81,040	74
	30	68.5	37,790	38,610	51,570	67,570	72
	35	64.0	31,470	31,490	41,530	57,890	70
	40	59.3	26,530	26,550	34,700	50,710	67
	50	49.2	19,900	19,920	25,820	39,530	60
	60	37.0	15,740	15,760	20,360	30,760	49
70	19.2	12,930	12,940	16,710	21,990	30	
80 feet	17	80.9	60,140	86,850	118,950	118,950	86
	20	78.7	52,970	67,740	96,490	101,220	85
	25	75.1	43,940	49,200	67,300	80,980	84
	30	71.3	37,460	38,440	51,430	67,530	83
	35	67.5	31,280	31,300	41,360	57,840	81
	40	63.5	26,350	26,370	34,550	50,680	78
	50	55.1	19,720	19,740	25,650	39,320	72
	60	45.8	15,550	15,560	20,180	30,610	64
70	34.5	12,760	12,770	16,550	24,920	52	
80	17.9	10,650	10,660	13,850	18,990	31	
90 feet	19	80.7	54,740	72,910	105,320	106,380	96
	20	80.0	52,590	67,570	96,370	101,150	95
	25	76.8	43,600	49,030	67,160	80,930	94
	30	73.5	37,120	38,250	51,270	67,480	93
	35	70.1	31,090	31,120	41,200	57,800	91
	40	66.7	26,170	26,190	34,380	50,650	89
	50	59.5	19,530	19,550	25,470	39,040	84
	60	51.7	15,350	15,370	19,990	30,440	77
70	43.0	12,570	12,580	16,370	24,760	68	
80	32.5	10,470	10,480	13,680	20,690	55	
90	16.9	8,880	8,880	11,660	15,970	33	
100 feet	21	80.4	50,210	62,690	88,580	89,780	105
	25	78.1	43,320	48,870	67,030	80,870	105
	30	75.2	36,880	38,100	51,140	67,440	103
	35	72.2	30,930	30,950	41,050	57,750	102

Boom Lgh.	Radius In Feet	Boom Angle Degrees	Free Ratings		Outriggers Extended & Set		Feet From Boom Point	
			Over Side	Over Rear	Over Side	Over Rear		
100 feet cont	40	69.1	26,020	26,040	34,250	50,620	100	
	50	62.8	19,380	19,390	25,330	38,850	96	
	60	56.1	15,200	15,210	19,840	30,310	90	
	70	48.9	12,430	12,440	16,230	24,640	82	
	80	40.7	10,330	10,340	13,550	20,560	72	
	90	30.7	8,730	8,740	11,520	17,530	58	
	100	16.0	7,480	7,480	9,930	13,600	34	
	110 feet	22	80.8	48,020	58,510	73,430	73,430	115
		25	79.2	42,950	48,680	66,870	73,430	115
		30	76.5	36,520	37,900	50,970	67,390	114
35		73.8	30,730	30,760	40,870	57,710	112	
40		71.1	25,830	25,850	34,070	50,340	111	
50		65.5	19,180	19,190	25,140	38,620	107	
60		59.6	14,990	15,000	19,640	30,130	102	
70		53.3	12,230	12,240	16,050	24,470	95	
80		46.4	10,140	10,150	13,360	20,390	86	
90		38.7	8,530	8,540	11,320	17,340	76	
100		29.2	7,270	7,280	9,730	15,000	61	
110		15.2	6,270	6,270	8,470	11,600	36	
120 feet	24	80.6	44,160	51,400	61,360	61,360	125	
	25	80.1	42,580	48,480	61,360	61,360	125	
	30	77.7	36,180	37,720	50,810	61,360	124	
	35	75.2	30,520	30,550	40,690	57,630	123	
	40	72.7	25,640	25,660	33,900	50,120	121	
	50	67.6	18,980	18,990	24,950	38,300	118	
	60	62.4	14,930	14,950	19,600	30,110	113	
	70	56.8	12,050	12,060	15,870	24,310	107	
	80	50.8	9,940	9,950	13,170	20,220	100	
	90	44.3	8,330	8,340	11,130	17,170	91	
	100	37.0	7,080	7,090	9,540	14,820	79	
	110	28.0	6,060	6,070	8,270	12,950	63	
120	14.5	5,240	5,240	7,230	9,900	37		
130 feet	25	80.9	42,480	48,490	51,400	51,400	135	
	30	78.6	35,920	37,550	50,660	51,160	134	
	35	76.4	30,350	30,380	40,530	50,670	133	
	40	74.1	25,470	25,490	33,740	49,820	132	
	50	69.4	18,880	18,820	24,790	37,960	128	
	60	64.6	14,770	14,780	19,440	29,970	124	
	70	59.6	11,880	11,890	15,710	24,160	119	
	80	54.4	9,770	9,780	13,010	20,060	112	
	90	48.7	8,170	8,180	10,970	17,010	104	
	100	42.5	6,900	6,910	9,370	14,660	95	
	110	35.4	5,890	5,890	8,090	12,790	82	
	120	26.8	5,060	5,070	7,050	11,270	65	
	130	13.9	4,370	4,380	6,190	8,490	38	
140 feet	27	80.7	39,250	43,300	43,840	43,840	145	
	30	79.5	35,560	37,350	43,740	43,740	144	
	35	77.4	30,150	30,180	40,350	43,190	143	
	40	75.3	25,270	25,290	33,560	42,670	142	
	50	71.0	18,600	18,620	24,600	37,600	139	
	60	66.6	14,580	14,590	19,260	29,810	135	
	70	62.0	11,680	11,690	15,510	23,990	130	
	80	57.3	9,570	9,580	12,810	19,880	125	
	90	52.2	7,960	7,970	10,770	16,830	117	
	100	46.8	6,700	6,700	9,170	14,470	109	
	110	40.9	5,680	5,690	7,900	12,600	98	
	120	34.1	4,850	4,850	6,850	11,080	85	
	130	25.8	4,150	4,150	5,970	9,810	68	
	140	13.4	3,560	3,570	5,240	7,200	39	