

# AMERICAN 7030-DE LOCOMOTIVE CRANE RATINGS

Free crane ratings do not exceed 85% of tipping load.  
 Outrigged crane ratings do not exceed 80% of tipping load.  
 Duty cycle ratings do not exceed 75% of free tipping load.  
 Magnet ratings limited to 70 ft. boom and duty cycle capacity.

Boom Length	Radius Ft.	Boom Angle Degrees	Free Over Side lb.	Outriggers Set lb.	Duty Cycle lb.
50'	12	81	60,000	80,000	15,000
	15	77	45,700	76,400	15,000
	20	71	32,100	70,700	15,000
	25	65	24,500	51,200	15,000
	30	59	19,600	39,900	15,000
	35	52	16,300	32,600	14,400
	40	44	13,800	27,500	12,200
	45	35	11,900	23,700	10,500
	50	23	10,400	19,100	9,200
55'	15	79	45,600	76,300	15,000
	20	73	31,900	70,600	15,000
	25	68	24,300	51,100	15,000
	30	62	19,500	39,800	15,000
	35	56	16,100	32,500	14,200
	40	49	13,700	27,400	12,100
	45	42	11,800	23,600	10,400
	50	33	10,300	20,600	9,100
	55	22	9,100	18,800	8,000
60'	15	80	45,500	76,300	15,000
	20	75	31,800	70,500	15,000
	25	70	24,200	51,000	15,000
	30	64	19,400	39,700	15,000
	35	59	16,000	32,400	14,100
	40	53	13,600	27,300	12,000
	45	47	11,700	23,500	10,300
	50	40	10,200	20,500	9,000
	55	32	9,000	18,200	8,000
	60	21	8,000	14,800	7,000
	65'	15	80	45,300	76,200
20		76	31,700	70,400	15,000
25		71	24,100	50,900	15,000

Boom Length	Radius Ft.	Boom Angle Degrees	Free Over Side lb.	Outriggers Set lb.	Duty Cycle lb.
65'	30	67	19,300	39,600	15,000
	35	62	15,900	32,300	14,000
	40	57	12,300	27,200	12,000
	45	51	11,500	23,400	10,100
	50	45	10,000	20,400	8,800
	55	38	8,800	18,100	7,700
	60	31	7,800	16,200	6,900
	70'	16	80	41,700	75,000
20		77	31,500	70,300	15,000
25		71	24,000	50,800	15,000
30		68	19,100	39,500	15,000
35		64	15,800	32,200	14,000
40		59	13,300	27,100	11,700
45		54	11,400	23,300	10,000
50		49	9,900	20,300	8,700
55		43	8,700	18,000	7,700
60		37	7,700	16,100	6,700
65		30	6,900	15,200	6,100
70	20	6,200	11,700	5,500	
75'	16	81	41,500	74,900	Duty Cycle limited to 70 ft. boom
	20	78	31,400	70,200	—
	25	74	23,800	50,700	—
	30	70	19,000	39,400	—
	35	66	15,600	32,100	—
	40	61	13,200	27,000	—
	45	57	11,300	23,200	—
	50	52	9,800	20,200	—
	55	47	8,600	17,900	—
	60	42	7,600	16,000	—
	65	36	6,800	14,400	—
70	29	6,000	13,000	—	
75	19	5,400	10,400	—	