

MODEL 5030DE LOCOMOTIVE CRANE RATINGS

Boom Length (Feet)	Radius In Feet	Boom Angle (Degrees)	Free Over Side (Lb.)	With Outriggers Set (Lb.)	Duty Cycle Ratings Magnet or Clamshell Work (Lb.)	Fl. From Boom Pt. To Grd.
40 feet	12	78.0	60000	80000	11700	45
	15	73.5	44860	80000	11700	44
	20	65.9	31620	73640	11700	43
	25	57.8	24250	53400	11700	40
	30	48.8	19560	39980	11700	36
	35	38.4	16300	29850	11700	31
40	24.7	13910	20880	11100	23	
45 feet	12	79.3	60000	80000	11700	50
	15	75.4	44760	80000	11700	50
	20	68.7	31520	75110	11700	48
	25	61.7	24150	55330	11700	46
	30	54.2	19450	42400	11700	43
	35	45.9	16200	32940	11700	38
40	36.2	13810	25260	11000	33	
45	23.3	11980	18060	9600	24	
50 feet	12	80.4	59720	80000	11700	55
	15	76.9	44010	80000	11700	55
	20	70.9	30740	59280	11700	53
	25	64.7	23370	45490	11700	51
	30	58.2	18690	36710	11700	49
	35	51.2	15430	30620	11700	45
	40	43.4	13060	26160	10900	40
	45	34.2	11230	22470	9500	34
50	22.1	9780	15880	8350	25	
55 feet	13	80.2	52690	80000	11700	60
	15	78.1	43830	80000	11700	60
	20	72.7	30570	59080	11700	59
	25	67.2	23210	45300	11700	57
	30	61.4	18540	36540	11700	54
	35	55.3	15270	30430	11700	51
	40	48.7	12910	25990	10900	47
	45	41.3	11080	22580	9450	42
	50	32.6	9630	19270	8300	36
55	21.0	8480	15500	7300	26	
60 feet	14	80.1	47860	80000	11700	65
	15	79.1	43810	80000	11700	65
	20	74.2	30550	59060	11700	64
	25	69.2	23200	45290	11700	62
	30	64.0	18530	36570	11700	60
	35	58.5	15250	30470	11700	57
	40	52.7	12900	25970	10800	54
	45	46.5	11060	22550	9400	50
	50	39.5	9670	19840	8200	44
	55	31.2	8450	16760	7300	37
60	20.1	7600	12750	6550	27	

Boom Length (Feet)	Radius In Feet	Boom Angle (Degrees)	Free Over Side (Lb.)	With Outriggers Set (Lb.)	Duty Cycle Ratings Magnet or Clamshell Work (Lb.)	Fl. From Boom Pt. To Grd.
65 feet	14	80.9	47690	80000	11700	70
	15	80.0	43640	80000	11700	70
	20	75.4	30390	58880	11700	69
	25	70.8	23040	45100	11700	68
	30	66.1	18370	36340	11700	66
	35	61.2	15100	30230	11700	63
	40	56.0	12750	25800	11700	60
	45	50.5	10910	22380	11700	56
	50	44.5	9470	19670	11700	52
	55	37.8	8290	17480	11700	46
60	29.9	7330	15360	11700	39	
65	19.3	6550	13120	11700	28	
70 feet	15	80.7	43560	80000	11700	75
	20	76.5	30300	58790	11700	74
	25	72.3	22950	45010	11700	73
	30	67.9	18290	36250	11700	71
	35	63.4	15020	30140	11700	69
	40	58.7	12680	25720	11700	66
	45	53.9	10850	22300	11700	63
	50	48.5	9390	19580	11700	59
	55	42.8	8210	17390	11700	54
	60	36.4	7260	15590	11700	48
65	28.8	6470	13530	11700	40	
70	18.6	5790	9830	11700	29	
75 feet	16	80.5	39940	76950	Duty cycle limited to 70 ft. boom	80
	20	77.4	30130	58590	—	79
	25	73.5	22790	44820	—	78
	30	69.4	18140	36080	—	76
	35	65.3	14860	29960	—	74
	40	61.0	12530	25550	—	72
	45	56.6	10690	22110	—	69
	50	51.8	9240	19410	—	65
	55	46.8	8070	17220	—	61
	60	41.3	7100	15410	—	56
65	35.1	6330	13930	—	49	
70	27.8	5630	11860	—	41	
75	18.0	5030	8610	—	29	
80 feet	17	80.4	37030	71460	—	85
	20	78.2	30130	58600	—	84
	25	74.5	22790	44820	—	83
	30	70.8	18140	36080	—	82
	35	66.9	14870	29970	—	80
	40	63.0	12530	25550	—	77
	45	58.9	10690	22120	—	75
	50	54.6	9250	19420	—	71
	55	50.1	8070	17230	—	67
	60	45.2	7100	15410	—	63
65	39.9	6340	13940	—	58	
70	34.0	5640	12640	—	51	
75	26.9	5040	10600	—	42	
80	17.4	4520	7730	—	30	

Chart No. 5030.9