



MODEL 850

LOCOMOTIVE CRANE RATINGS

LIFT & DUTY CYCLE RATINGS

Boom Length	Radius In Ft.	Boom Angle Degree	Free Over Side	With Outriggers Set	Duty Cycle Ratings Magnet & Bucket	Rail To Boom Pt.
50 feet	12	81.0	100000	230000	17350	57
	15	77.5	74340	204930	17350	56
	20	71.5	51930	152450	17350	55
	25	65.4	39400	120890	17350	53
	30	58.9	31440	99870	17350	50
	35	51.9	25870	82260	17350	47
	40	44.2	21860	68450	17350	42
	45	35.2	18740	57610	15660	36
	50	23.6	16320	43450	13690	27
55 feet	13	80.8	89070	215100	17350	62
	15	78.6	73990	204450	17350	61
	20	73.3	51610	152020	17350	60
	25	67.7	39080	120480	17350	58
	30	62.0	31130	99470	17350	56
	35	55.9	25570	82060	17350	53
	40	49.3	21580	68230	17350	49
	45	42.1	18430	58160	15700	44
	50	33.6	16030	50500	14150	38
55	22.4	14040	38150	11800	28	
60 feet	14	80.6	80760	207700	17350	67
	15	79.6	73870	197200	17350	66
	20	74.7	51400	151750	17350	65
	25	69.7	38900	120220	17350	64
	30	64.5	31350	99220	17350	61
	35	59.1	25300	81920	17350	59
	40	53.3	21360	68090	17350	55
	45	47.1	18250	58030	15740	51
	50	40.2	15850	50470	13230	46
	55	32.1	13850	44900	11650	39
	60	21.5	12200	33800	10300	29
65 feet	15	80.4	83510	197820	17350	71
	20	75.9	59260	151310	17350	70
	25	71.3	48550	119800	17350	69
	30	66.6	38220	98820	17350	67
	35	61.7	30050	81700	17350	65
	40	56.5	21060	67880	17350	62
	45	51.1	17940	57790	14980	58
	50	45.2	15550	50230	13030	53
	55	38.6	13540	44250	11410	48
	60	30.8	11900	39430	10060	40
	65	20.6	10530	30110	8930	30

Boom Length	Radius In Ft.	Boom Angle Degree	Free Over Side	With Outriggers Set	Duty Cycle Ratings Magnet & Bucket	Rail To Boom Pt.
70 feet	16	80.3	67620	178540	17350	77
	20	76.9	50930	152740	17350	76
	25	72.7	38420	119800	17350	74
	30	68.3	30490	92670	17350	72
	35	63.9	24920	71610	17350	70
	40	59.2	20700	67790	17350	67
	45	54.3	17000	57700	14880	64
	50	48.1	13440	50160	12940	60
	55	40.4	11340	44170	11300	55
	60	37.1	11000	39350	9960	49
	65	29.7	10410	35220	8830	42
	70	19.9	9240	27100	7870	31

850H.01 850H-DC-A

BOOM COMPOSITION

Boom Length Feet	25 ft. 36H Inner	5 36H Center	10 36H Center	20 36H Center	25 36H Outer
50	1	0	0	0	1
55	1	1	0	0	1
60	1	0	1	0	1
65	1	1	1	0	1
70	1	0	0	1	1

LOAD HOISTING DATA

Maximum Lifting Capacity Lb.	Minimum Parts Of Line
230,000	10
205,260	8
179,600	7
153,900	6
128,300	5
102,600	4
76,970	3
51,300	2
25,660	1