



MODEL 855

LOCOMOTIVE CRANE RATINGS

LIFT AND DUTY CYCLE RATINGS

Boom Length	Radius In Feet	Boom Angle Degrees	Free Over Side	With Outriggers Set	Duty Cycle Ratings Magnets/Clamshell	Rail To Boom Pt.
50 feet	12	80.8	110100	230000	17350	57
	15	77.3	82630	209990	17350	56
	20	71.3	57880	156270	17350	55
	25	65.2	44160	124090	17350	53
	30	58.7	35330	102520	17350	50
	35	51.7	29280	87200	17350	47
	40	43.9	24860	73210	17350	42
	45	34.9	21430	57320	17140	36
50	23.1	18770	43240	15020	27	
55 feet	13	80.6	98850	213360	17350	62
	15	78.5	82260	206120	17350	61
	20	73.1	57530	155820	17350	60
	25	67.6	43830	123670	17350	58
	30	61.8	35080	102200	17350	56
	35	55.7	28960	86800	17350	53
	40	49.1	24540	74660	17350	49
	45	41.8	21110	62480	16880	44
50	33.2	18450	50840	14760	38	
55	22.0	16270	38020	13020	28	
60 feet	14	80.4	89710	189510	17350	63
	15	79.4	82130	195930	17350	62
	20	74.5	57300	155520	17350	60
	25	69.5	44620	123390	17350	64
	30	64.3	35740	101930	17350	61
	35	58.9	28740	86530	17350	59
	40	53.1	24340	74510	17350	55
	45	46.9	20910	63050	16730	51
	50	39.9	18200	51210	14560	46
	55	31.8	16070	44920	12860	39
60	21.0	14200	35780	11400	29	
65 feet	15	80.3	81770	187070	17350	71
	20	75.7	58740	155060	17350	70
	25	71.2	43280	122960	17350	69
	30	66.4	34540	101520	17350	67
	35	61.3	28420	86130	17350	65
	40	56.4	24020	74280	17350	62
	45	50.9	20580	63350	16460	58
	50	45.0	17870	55070	14300	53
	55	38.3	15760	48430	12610	48
	60	30.5	13940	39370	11150	40
65	20.2	12420	30070	9940	30	

Boom Length	Radius In Feet	Boom Angle Degrees	Free Over Side	With Outriggers Set	Duty Cycle Ratings Magnets/Clamshell	Rail To Boom Pt.
70 feet	15	81.0	81620	178990	17350	77
	20	76.8	56790	154680	17350	76
	25	72.5	43140	122400	17350	74
	30	68.2	34440	100360	17350	72
	35	63.7	28280	85970	17350	70
	40	59.1	23900	74190	17350	67
	45	54.1	20750	63250	16360	64
	50	48.9	17750	54980	14200	60
	55	43.2	15640	48580	12510	55
	60	36.8	13820	42880	11060	49
	65	29.5	12300	35180	9840	42
	70	19.5	11010	27090	8810	31

855 H.03 855H-DC-B

Note: With the integral 5 ft. jib added, deduct 1500# from the mainline capacities.

BOOM COMPOSITION

Boom Length Feet	25 ft. 36H Inner	5 ft. 36H Center	10 ft. 36H Center	20 ft. 36H Center	25 ft. 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