

MODEL 7030 DH 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.)	Ft. From Boom Pt. To Grd.
50 feet	12	81.0	60000	80000	17350	56
	13	79.8	54170	80000	17350	56
	15	77.4	45170	80000	17350	56
	20	71.5	31650	58850	17350	54
	25	65.3	24120	43790	17350	52
	30	58.8	19330	34110	15400	50
	35	51.9	16000	27150	12800	46
	40	44.2	13560	21690	10850	42
	45	35.2	11690	17030	9350	36
	50	23.4	10210	12510	8150	27
55 feet	15	78.6	44990	80000	17350	61
	20	73.2	31480	58560	17350	60
	25	67.7	23950	43800	17350	58
	30	61.9	19150	34390	15300	56
	35	55.8	15830	27700	14150	53
	40	49.3	13390	22550	10700	49
	45	42.0	11520	18310	9200	44
	50	33.5	10040	14540	8000	38
55	22.3	8850	10760	7070	28	
60 feet	15	79.6	44970	80000	17350	66
	20	74.7	31450	58300	17350	65
	25	69.6	23920	43790	17350	63
	30	64.5	19120	34590	15200	61
	35	59.0	15800	28110	12650	58
	40	53.3	13360	23090	10700	55
	45	47.1	11490	19090	9200	49
	50	40.1	10010	15790	8000	46
	55	32.0	8820	12660	7050	39
	60	21.4	7830	9440	6280	29
65 feet	16	79.5	41290	77570	17350	71
	20	75.9	31280	57830	17350	70
	25	71.3	23750	43520	17350	69
	30	66.5	18960	34390	15100	67
	35	61.8	15630	28170	12500	64
	40	56.5	13200	23410	10500	61
	45	51.0	11330	19610	9050	58
	50	45.1	9850	16420	7850	53
	55	38.5	8560	13610	6900	47
	60	30.7	7670	10970	6100	40
	65	20.5	6840	8190	5470	30
70 feet	17	79.4	38170	70950	17350	76
	20	76.9	31170	57390	17350	75
	25	72.6	23650	43250	17350	74
	30	68.3	18850	34370	15100	72
	35	63.8	15530	28170	12400	70
	40	59.2	13090	23530	10500	67
	45	54.3	11220	19870	8950	64
	50	49.1	9750	16830	7800	60
	55	43.4	8550	14220	6850	55
	60	37.0	7560	11850	6050	49
	65	29.6	6730	9590	5350	42
70	19.8	6020	7150	4800	31	

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.)	Ft. From Boom Pt. To Grd.
75 feet	18	79.3	35370	65220	Duty cycle limited to 70 ft. boom	81
	20	77.8	31000	56890		80
	25	73.8	23480	42890		79
	30	69.8	18690	34110		77
	35	65.7	15370	28020		75
	40	61.4	12930	22490		73
	45	57.0	11060	19330		70
	50	52.3	9590	17010		66
	55	47.3	8390	14530		62
	60	41.8	7410	12330		57
	65	35.7	6580	10310		51
70	28.6	5870	8340	43		
75	19.1	5250	6190	32		
80 feet	19	79.2	32970	60330	-	86
	20	78.6	30920	56460	-	85
	25	74.9	23400	42580	-	84
	30	71.1	18600	33910	-	83
	35	67.3	15280	27910	-	81
	40	63.4	12840	23450	-	78
	45	59.3	10980	19980	-	76
	50	55.0	9500	17150	-	73
	55	50.5	8310	14760	-	69
	60	45.7	7320	12680	-	64
	65	40.5	6490	10810	-	59
70	34.6	5780	9060	-	52	
75	27.6	5170	7330	-	44	
80	18.5	4640	5410	-	32	
85 feet	19	79.9	32810	59810	-	91
	20	79.2	30760	55970	-	90
	25	75.8	23240	42190	-	89
	30	72.3	18450	33600	-	88
	35	68.7	15120	27670	-	86
	40	65.0	12690	23290	-	84
	45	61.3	10820	19880	-	82
	50	57.3	9350	17120	-	79
	55	53.2	8150	14810	-	75
	60	48.9	7170	12820	-	71
	65	44.3	6340	11050	-	66
70	39.2	5630	9430	-	61	
75	33.5	5020	7900	-	54	
80	26.8	4490	6360	-	45	
85	17.9	4020	4640	-	33	
90 feet	20	79.8	30650	55530	-	96
	25	76.6	23130	41840	-	95
	30	73.3	18330	33320	-	93
	35	69.9	15010	27450	-	92
	40	66.5	12570	23130	-	90
	45	63.0	10710	19780	-	87
	50	59.4	9240	17080	-	84
	55	55.6	8040	14830	-	81
	60	51.6	7060	12900	-	78
	65	47.4	6230	11210	-	73