



900 SERIES MODEL 9270 CRAWLER CRANE WITH 77S BOOM

LIFT RATINGS With 77S Tubular Chord Hammerhead Boom and "N-N" Counterweight (96,800 Lbs.) (43900 Kg.)

Boom Length (Feet)	Radius In Feet	Boom Angle Degrees	Side Frames Retracted	Side Frames Extended	Fl. From Boom Point	Min. Load Line
70 feet	16	82.8	—	300000	77	9
	20	79.5	—	224890	77	7
	25	75.4	—	158210	75	5
	30	71.1	105160	121420	74	4
	35	66.7	85630	98090	72	3
	40	62.2	71920	81970	70	3
	50	52.4	53940	61130	63	2
	60	41.0	42640	48200	53	2
70	25.6	34830	39360	37	2	
80 feet	17	83.0	—	299550	87	9
	20	80.8	—	225000	87	7
	25	77.2	—	158200	86	5
	30	73.5	105060	121360	84	4
	35	69.8	85500	97990	83	3
	40	65.9	71780	81850	81	3
	50	57.8	53790	60990	75	2
	60	48.8	42490	48070	68	2
70	38.2	34720	39260	57	2	
80	23.8	29000	32820	39	1	
90 feet	19	82.5	—	245550	97	7
	20	81.9	—	225070	97	7
	25	78.7	—	158170	96	5
	30	75.4	104940	121270	95	4
	35	72.1	85360	97880	93	3
	40	68.7	71620	81720	92	3
	50	61.7	53610	60830	87	2
	60	54.2	42310	47900	81	2
70	45.8	34540	39100	72	2	
80	35.9	28860	32690	60	1	
90	22.4	24490	27800	41	1	
100 feet	20	82.7	—	225080	107	7
	25	79.8	134980	158090	106	5
	30	76.9	104760	121130	105	4
	35	73.9	85160	97700	104	3
	40	70.9	71400	81520	102	3
	50	64.8	53380	60610	98	2
	60	58.2	42070	47680	93	2
	70	51.2	34300	38870	85	2
80	43.3	28630	32470	76	1	
90	34.0	24290	27600	63	1	
100	21.2	20830	23740	43	1	
110 feet	21	82.8	—	207630	117	6
	25	80.7	134850	157990	116	5
	30	78.1	104580	120980	115	4
	35	75.4	84950	97520	114	3
	40	72.7	71180	81320	113	3
	50	67.2	53140	60390	109	2
	60	61.4	41820	47440	104	2
	70	55.3	34060	38630	98	2
80	48.6	28390	32240	90	1	
90	41.2	24050	27380	80	1	
100	32.3	20620	23550	66	1	
110	20.1	17820	20420	45	1	
120 feet	22	82.9	—	192600	127	6
	25	81.5	134750	157930	126	5
	30	79.1	104450	120870	126	4
	35	76.7	84790	97390	124	3

METRIC

Boom Length (Meters)	Radius In Meters	Boom Angle Degrees	Side Frames Retracted	Side Frames Extended	Meters From Boom Point	Min. Load Line
21.3 meters	4.9	82.8	—	136080	23.5	9
	6.1	79.5	—	102010	23.5	7
	7.6	75.4	—	71760	22.9	5
	9.1	71.1	47700	55080	22.6	4
	10.7	66.7	38840	44490	21.9	3
	12.2	62.2	32620	37180	21.3	3
	15.2	52.4	24470	27730	19.2	2
	18.3	41.0	19340	21860	16.2	2
	21.3	25.6	15800	17850	11.3	2
	24.4 meters	5.2	83.0	—	135880	26.5
6.1		80.8	—	102060	26.5	7
7.6		77.2	—	71760	26.2	5
9.1		73.5	47660	55050	25.6	4
10.7		69.8	38780	44450	25.3	3
12.2		65.9	32560	37130	24.7	3
15.2		57.8	24400	27670	22.9	2
18.3		48.8	19270	21800	20.7	2
21.3		38.2	15750	17810	17.4	2
24.4		23.8	13150	14890	11.9	1
27.4 meters	5.8	82.5	—	111380	29.6	7
	6.1	81.9	—	102090	29.6	7
	7.6	78.7	—	71750	29.3	5
	9.1	75.4	47600	55010	29.0	4
	10.7	72.1	38720	44400	28.3	3
	12.2	68.7	32490	37070	28.0	3
	15.2	61.7	24320	27590	26.5	2
	18.3	54.2	19190	21730	24.7	2
	21.3	45.8	15670	17740	21.9	2
	24.4	35.9	13090	14830	18.3	1
27.4	22.4	11110	12610	12.5	1	
30.5 meters	6.1	82.7	—	102100	32.6	7
	7.6	79.8	61230	71710	32.3	5
	9.1	76.9	47520	54940	32.0	4
	10.7	73.9	38630	44320	31.7	3
	12.2	70.9	32390	36980	31.1	3
	15.2	64.8	24210	27490	29.9	2
	18.3	58.2	19080	21630	28.3	2
	21.3	51.2	15560	17630	25.9	2
	24.4	43.3	12990	14730	23.2	1
	27.4	34.0	11020	12520	19.2	1
30.5	21.2	9450	10770	13.1	1	
33.5 meters	6.4	82.8	—	94180	35.7	6
	7.6	80.7	61170	71660	35.4	5
	9.1	78.1	47440	54880	35.1	4
	10.7	75.4	38530	44240	34.7	3
	12.2	72.7	32290	36890	34.4	3
	15.2	67.2	24100	27390	33.2	2
	18.3	61.4	18970	21520	31.7	2
	21.3	55.3	15450	17520	29.9	2
	24.4	48.6	12880	14620	27.4	1
	27.4	41.2	10910	12420	24.4	1
30.5	32.3	9350	10680	20.1	1	
33.5	20.1	8080	9260	13.7	1	
36.6 meters	6.7	82.9	—	87360	38.7	6
	7.6	81.5	61120	71640	38.4	5
	9.1	79.1	47380	54830	38.4	4
	10.7	76.7	38460	44180	37.8	3

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