



700 SERIES
MODEL 7260
CRAWLER CRANE
with 59S Boom

LIFT RATINGS with 59S Tubular Chord Hammerhead Boom
and "S-S" Counterweight (49,900 lbs.) (22635 kgs.)

METRIC

Boom Length Feet	Radius In Feet	Boom Angle Degrees	Rated In Pounds	Feet From Boom Point To Ground
40 feet	11	82.8	200000	46
	12	81.3	200000	46
	15	77.0	175350	45
	20	69.6	106600	44
	25	61.7	76120	41
	30	53.1	58840	38
	35	43.3	47770	33
50 feet	40	30.9	40000	26
	13	81.9	198730	56
	15	79.6	175470	55
	20	73.8	106620	54
	25	67.7	76130	52
	30	61.3	58810	50
	35	54.5	47750	47
60 feet	40	47.0	39980	42
	50	27.4	29860	29
	14	82.3	187000	66
	15	81.3	175510	65
	20	76.5	106590	64
	25	71.6	76110	63
	30	66.5	58770	61
70 feet	35	61.1	47720	59
	40	55.5	39950	55
	50	42.6	29810	46
	60	24.8	23550	31
	15	82.6	175470	75
	20	78.5	106500	75
	25	74.3	76010	73
80 feet	30	70.0	58650	72
	35	65.6	47600	70
	40	61.0	39820	67
	50	51.0	29680	60
	60	39.3	23440	50
	70	22.9	19100	33
	16	82.8	155390	85
90 feet	20	79.9	106400	85
	25	76.3	75920	84
	30	72.6	58540	82
	35	68.8	47490	81
	40	64.9	39710	78
	50	56.6	29560	73
	60	47.5	23350	65
100 feet	70	36.6	19020	53
	80	21.3	15870	35
	17	83.0	139410	95
	20	81.0	106280	95
	25	77.8	75780	94
	30	74.5	58380	93
	35	71.2	47340	91
100 feet	40	67.8	39550	89
	50	60.7	29390	85
	60	53.1	23200	78
	70	44.6	18870	69
	80	34.4	15720	57
	90	20.0	13330	36
100 feet	19	82.5	115390	105
	20	81.9	106150	105
	25	79.0	75650	104
	30	76.1	58230	103
	35	73.2	47210	102

Boom Length Meters	Radius In Meters	Boom Angle Degrees	Rated In Kilograms	Meters From Boom Point To Ground
12.2 meters	3.4	82.8	90720	14.0
	3.7	81.3	90720	14.0
	4.6	77.0	79540	13.7
	6.1	69.6	48350	13.4
	7.6	61.7	34530	12.5
	9.1	53.1	26690	11.6
	10.7	43.3	21670	10.1
15.2 meters	12.2	30.9	18140	7.9
	4.0	81.9	90140	17.1
	4.6	79.6	79590	16.8
	6.1	73.8	48360	16.3
	7.6	67.7	34530	15.8
	9.1	61.3	26680	15.2
	10.7	54.5	21660	14.3
18.3 meters	12.2	47.0	18130	12.8
	15.2	27.4	13540	8.8
	4.3	82.3	84820	20.1
	4.6	81.3	79610	19.8
	6.1	76.5	48350	19.5
	7.6	71.6	34520	19.2
	9.1	66.5	26660	18.6
21.3 meters	10.7	61.1	21650	18.0
	12.2	55.5	18120	16.8
	15.2	42.6	13520	14.0
	18.3	24.8	10680	9.4
	4.6	82.6	79690	22.9
	6.1	78.5	48310	22.9
	7.6	74.3	34480	22.3
24.4 meters	9.1	70.0	26600	21.9
	10.7	65.6	21590	21.3
	12.2	61.0	18060	20.4
	15.2	51.0	13460	18.3
	18.3	39.3	10630	15.2
	21.3	22.9	8680	10.1
	4.9	82.8	70460	25.9
27.4 meters	6.1	79.9	48260	25.9
	7.6	76.3	34440	25.6
	9.1	72.6	26550	25.0
	10.7	68.8	21540	24.7
	12.2	64.9	18010	23.8
	15.2	56.6	13410	22.3
	18.3	47.5	10580	19.8
30.5 meters	21.3	36.6	8630	16.2
	24.4	21.3	7200	10.7
	5.2	83.0	63240	29.0
	6.1	81.0	48210	29.0
	7.6	77.8	34370	28.7
	9.1	74.5	26480	28.3
	10.7	71.2	21470	27.7
30.5 meters	12.2	67.8	17940	27.1
	15.2	60.7	13330	25.9
	18.3	53.1	10520	23.8
	21.3	44.6	8560	21.0
	24.4	34.4	7130	17.4
30.5 meters	27.4	20.0	6050	11.0
	5.8	82.5	52340	32.0
	6.1	81.9	48150	32.0
	7.6	79.0	34310	31.7
	9.1	76.1	26410	31.4
30.5 meters	10.7	73.2	21410	31.1

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**LIFT RATINGS (cont.)****with 59S Tubular Chord Hammerhead Boom****METRIC**

Boom Length Feet	Radius In Feet	Boom Angle Degrees	Rating in Pounds	Feet From Boom Point To Ground
100 feet (cont.)	40	70.1	39400	100
	50	63.9	29240	96
	60	57.3	23060	90
	70	50.2	18720	83
	80	42.1	15580	73
	90	32.5	13180	60
	100	18.9	11310	38
110 feet	20	82.7	106000	115
	25	80.0	75510	114
	30	77.4	58060	113
	35	74.7	47040	112
	40	72.0	39220	111
	50	66.4	29050	107
	60	60.6	22880	102
	70	54.4	18550	95
	80	47.7	15390	87
	90	40.1	13000	77
	100	31.0	11130	62
	110	18.0	9620	40
120 feet	21	82.8	95520	125
	25	80.9	75360	125
	30	78.5	57890	124
	35	76.0	46880	123
	40	73.5	39060	121
	50	68.5	28880	118
	60	63.3	22720	113
	70	57.8	18380	107
	80	51.9	15240	100
	90	45.5	12840	91
	100	38.3	10970	80
	110	29.6	9450	65
	120	17.2	8220	41
130 feet	22	82.9	80970	135
	25	81.6	75200	135
	30	79.4	57720	134
	35	77.1	46710	133
	40	74.8	38880	132
	50	70.2	28680	128
	60	65.5	22540	124
	70	60.5	18200	119
	80	55.3	15040	113
	90	49.7	12650	105
	100	43.6	10780	96
	110	36.7	9260	83
	120	28.4	8020	67
	130	16.5	6990	42
140 feet	24	82.6	68380	145
	25	82.2	68380	145
	30	80.1	57550	144
	35	78.0	46540	143
	40	75.9	38700	142
	50	71.7	28490	139
	60	67.3	22360	135
	70	62.8	18020	131
	80	58.1	14870	125
	90	53.1	12480	118
	100	47.8	10590	110
	110	41.9	9080	99
	120	35.3	7830	87
	130	27.3	6790	70
	140	15.9	5920	44
150 feet	25	82.7	58830	155
	30	80.8	57370	154
	35	78.8	46370	153
	40	76.9	38510	152
	50	72.9	28290	149
	60	68.9	22170	146
	70	64.8	17830	142
	80	60.4	14670	136
	90	55.9	12270	130
	100	51.2	10400	123
	110	46.1	8870	114
	120	40.4	7630	103
	130	34.1	6590	90
	140	26.3	5710	72
	150	15.3	4960	45

Boom Length Meters	Radius in Meters	Boom Angle Degrees	Rating in Kilograms	Meters From Boom Point To Ground
30.5 meters (cont.)	12.2	70.1	17870	30.5
	15.2	63.9	13260	29.3
	18.3	57.3	10460	27.4
	21.3	50.2	8490	25.3
	24.4	42.1	7070	22.3
	27.4	32.5	5980	18.3
	30.5	18.9	5130	11.6
33.5 meters	6.1	82.7	48080	35.1
	7.6	80.0	34250	34.7
	9.1	77.4	26340	34.4
	10.7	74.7	21340	34.1
	12.2	72.0	17790	33.8
	15.2	66.4	13180	32.6
	18.3	60.6	10380	31.1
	21.3	54.4	8410	29.0
	24.4	47.7	6980	26.5
	27.4	40.1	5900	23.5
	30.5	31.0	5050	18.9
	33.5	18.0	4360	12.2
36.6 meters	6.4	82.8	43330	38.1
	7.6	80.9	34180	38.1
	9.1	78.5	26260	37.8
	10.7	76.0	21260	37.5
	12.2	73.5	17720	36.9
	15.2	68.5	13100	36.0
	18.3	63.3	10310	34.4
	21.3	57.8	8340	32.6
	24.4	51.9	6910	30.5
	27.4	45.5	5820	27.7
	30.5	38.3	4980	24.4
	33.5	29.6	4290	19.8
	36.6	17.2	3730	12.5
39.6 meters	6.7	82.9	36730	41.1
	7.6	81.6	34110	41.1
	9.1	79.4	26180	40.8
	10.7	77.1	21190	40.5
	12.2	74.8	17640	40.2
	15.2	70.2	13010	39.0
	18.3	65.5	10220	37.8
	21.3	60.5	8260	36.3
	24.4	55.3	6820	34.4
	27.4	49.7	5740	32.0
	30.5	43.6	4890	29.3
	33.5	36.7	4200	25.3
	36.6	28.4	3640	20.4
	39.6	16.5	3170	12.8
42.7 meters	7.3	82.6	31020	44.2
	7.6	82.2	31020	44.2
	9.1	80.1	26100	43.9
	10.7	78.0	21110	43.6
	12.2	75.9	17550	43.3
	15.2	71.7	12920	42.4
	18.3	67.3	10140	41.1
	21.3	62.8	8170	39.9
	24.4	58.1	6750	38.1
	27.4	53.1	5660	36.0
	30.5	47.8	4800	33.5
	33.5	41.9	4120	30.2
	36.6	35.3	3550	26.5
	39.6	27.3	3080	21.3
	42.7	15.9	2690	13.4
45.7 meters	7.6	82.7	26890	47.2
	9.1	80.8	26020	46.9
	10.7	78.8	21030	46.6
	12.2	76.9	17470	46.3
	15.2	72.9	12830	45.4
	18.3	68.9	10060	44.5
	21.3	64.8	8090	43.3
	24.4	60.4	6850	41.5
	27.4	55.9	5570	39.6
	30.5	51.2	4720	37.5
	33.5	46.1	4020	34.7
	36.6	40.4	3460	31.4
	39.6	34.1	2990	27.4
	42.7	26.3	2590	21.9
	45.7	15.3	2250	13.7

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LIFT RATINGS (cont.)

with 59S Tubular Chord Hammerhead Boom

METRIC

Boom Length Feet	Radius In Feet	Boom Angle Degrees	Rating In Pounds	Feet From Boom Point To Ground
160 feet	26	82.8	49640	165
	30	81.4	49640	164
	35	79.6	46200	163
	40	77.7	38330	162
	50	74.0	28100	160
	60	70.3	22000	157
	70	66.4	17650	153
	80	62.5	14490	148
	90	58.3	12090	142
	100	54.0	10210	135
	110	49.4	8690	127
	120	44.5	7450	118
	130	39.1	6410	107
	140	32.9	5520	93
	150	25.5	4770	74
	160	14.8	4120	46
170 feet	27	82.9	43530	175
	30	81.9	43530	174
	35	80.2	43510	174
	40	78.5	38140	173
	50	75.0	27900	170
	60	71.5	21810	167
	70	67.9	17450	164
	80	64.2	14290	159
	90	60.4	11890	154
	100	56.4	10000	148
	110	52.3	8480	140
	120	47.9	7240	132
	130	43.1	6200	122
	140	37.9	5310	110
	150	31.9	4560	96
	160	24.7	3900	77
	170	14.3	3340	48
180 feet	28	83.0	38410	185
	30	82.3	38380	184
	35	80.7	38180	184
	40	79.1	37960	183
	50	75.9	27700	181
	60	72.5	21620	178
	70	69.2	17270	174
	80	65.7	14100	170
	90	62.2	11700	165
	100	58.5	9810	159
	110	54.7	8290	153
	120	50.7	7040	145
	130	46.4	5990	136
	140	41.8	5110	126
	150	36.7	4350	113
	160	31.0	3690	98
	170	24.0	3120	79
	180	13.9	2520	49

7260.97

Boom Length Meters	Radius In Meters	Boom Angle Degrees	Rating In Kilograms	Meters From Boom Point To Ground
48.8 meters	7.9	82.8	22520	50.3
	9.1	81.4	22520	50.0
	10.7	79.6	20960	49.7
	12.2	77.7	17390	49.4
	15.2	74.0	12750	48.8
	18.3	70.3	9980	47.9
	21.3	66.4	8010	46.6
	24.4	62.5	6570	45.1
	27.4	58.3	5480	43.3
	30.5	54.0	4630	41.1
	33.5	49.4	3940	38.7
	36.6	44.5	3380	36.0
	39.6	39.1	2910	32.6
	42.7	32.9	2500	28.3
	45.7	25.5	2190	22.6
	48.8	14.8	1870	14.0
51.8 meters	8.2	82.9	19750	53.3
	9.1	81.9	19750	53.0
	10.7	80.2	19740	53.0
	12.2	78.5	17300	52.7
	15.2	75.0	12660	51.8
	18.3	71.5	9890	50.9
	21.3	67.9	7920	50.0
	24.4	64.2	6480	48.5
	27.4	60.4	5390	46.9
	30.5	56.4	4540	45.1
	33.5	52.3	3850	42.7
	36.6	47.9	3260	40.2
	39.6	43.1	2810	37.2
	42.7	37.9	2410	33.5
	45.7	31.9	2070	29.3
	48.8	24.7	1770	23.5
	51.8	14.3	1520	14.6
54.9 meters	8.5	83.0	17420	56.4
	9.1	82.3	17410	56.1
	10.7	80.7	17320	56.1
	12.2	79.1	17220	55.8
	15.2	75.9	12560	55.2
	18.3	72.5	9810	54.3
	21.3	69.2	7830	53.0
	24.4	65.7	6400	51.8
	27.4	62.2	5310	50.3
	30.5	58.5	4450	48.5
	33.5	54.7	3760	46.6
	36.6	50.7	3190	44.2
	39.6	46.4	2720	41.5
	42.7	41.8	2320	38.4
	45.7	36.7	1970	34.4
	48.8	31.0	1670	29.9
	51.8	24.0	1420	24.1
	54.9	13.9	1140	14.9

LIFT RATINGS

with 59S Tubular Chord Tapered Tip Boom and "S-S" Counterweight (49,900 lbs.)
(22635 kgs.)

METRIC

Boom Length Feet	Radius In Feet	Boom Angle Degrees	Rating In Pounds	Feet From Boom Point To Ground
60 feet	14	80.5	153340	65
	15	79.6	153340	64
	20	74.7	106870	63
	25	69.6	78530	62
	30	64.5	59270	59
	35	59.0	48260	57
	40	53.3	40520	53
	50	40.1	30460	44
	60	21.4	24240	27

Boom Length Meters	Radius In Meters	Boom Angle Degrees	Rating In Kilograms	Meters From Boom Point To Ground
18.3 meters	4.3	80.5	69580	19.8
	4.6	79.6	69580	19.5
	6.1	74.7	48480	19.2
	7.6	69.6	34710	18.9
	9.1	64.5	26880	18.0
	10.7	59.0	21890	17.4
	12.2	53.3	18380	16.2
	15.2	40.1	13820	13.4
	18.3	21.4	11000	8.2

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**LIFT RATINGS (cont.)****with 59S Tubular Chord Tapered Tip Boom****METRIC**

Boom Length Feet	Radius In Feet	Boom Angle Degrees	Rating In Pounds	Feet From Boom Point To Ground
70 feet	16	80.2	153230	74
	20	76.9	106740	74
	25	72.6	76390	72
	30	68.3	59110	70
	35	63.8	48110	68
	40	59.2	40370	65
	50	49.1	30290	58
	60	37.0	24100	47
	70	19.8	19800	29
80 feet	17	80.7	139550	84
	20	78.6	106600	84
	25	74.9	76250	83
	30	71.1	58960	81
	35	67.3	47980	79
	40	63.4	40230	77
	50	55.0	30140	71
	60	45.7	23960	63
	70	34.6	19660	51
	80	18.5	16550	31
90 feet	19	80.5	115630	94
	20	79.8	106430	94
	25	76.6	76090	93
	30	73.3	58770	92
	35	69.9	47800	90
	40	66.5	40040	88
	50	59.4	29950	83
	60	51.6	23780	76
	70	43.0	19480	67
	80	32.5	16360	54
	90	17.4	14000	32
100 feet	20	80.9	106250	104
	25	78.0	75930	103
	30	75.0	58600	102
	35	72.0	47640	100
	40	69.0	39880	99
	50	62.7	29770	94
	60	56.0	23630	88
	70	48.8	19320	81
	80	40.6	16200	70
	90	30.8	13840	57
	100	16.5	11990	34
110 feet	22	80.6	91530	114
	25	79.1	75750	113
	30	76.4	58410	112
	35	73.7	47440	111
	40	71.0	39680	109
	50	65.4	29560	105
	60	59.5	23440	100
	70	53.2	19130	93
	80	46.4	16010	85
	90	38.7	13640	74
	100	29.4	11770	59
	110	15.7	10290	35
120 feet	23	81.0	85350	124
	25	80.0	75580	124
	30	77.5	58220	123
	35	75.1	47260	121
	40	72.6	39490	120
	50	67.5	29370	116
	60	62.2	23260	112
	70	56.7	18950	106
	80	50.8	15820	98
	90	44.3	13450	89
	100	37.0	11590	77
	110	28.1	10100	62
	120	15.1	8890	37
130 feet	25	80.8	74710	134
	30	78.5	58010	133
	35	76.3	47080	132
	40	74.0	39290	130
	50	69.3	29150	127
	60	64.5	23060	123
	70	59.6	18750	117
	80	54.3	15620	111
	90	48.7	13240	103

Boom Length Meters	Radius In Meters	Boom Angle Degrees	Rating In Kilograms	Meters From Boom Point To Ground
21.3 meters	4.9	80.2	69510	22.6
	6.1	76.9	48420	22.6
	7.6	72.6	34650	21.9
	9.1	68.3	26810	21.3
	10.7	63.8	21820	20.7
	12.2	59.2	18310	19.8
	15.2	49.1	13740	17.7
	18.3	37.0	10930	14.3
	21.3	19.8	8980	8.8
24.4 meters	5.2	80.7	63300	25.6
	6.1	78.6	48350	25.6
	7.6	74.9	34590	25.3
	9.1	71.1	26740	24.7
	10.7	67.3	21760	24.1
	12.2	63.4	18250	23.5
	15.2	55.0	13670	21.6
	18.3	45.7	10870	19.2
	21.3	34.6	8920	15.5
	24.4	18.5	7610	9.4
27.4 meters	5.8	80.5	52450	28.7
	6.1	79.8	48280	28.7
	7.6	76.6	34510	28.3
	9.1	73.3	26660	28.0
	10.7	69.9	21680	27.4
	12.2	66.5	18160	26.8
	15.2	59.4	13590	25.3
	18.3	51.6	10790	23.2
	21.3	43.0	8840	20.4
	24.4	32.5	7420	16.5
	27.4	17.4	6350	9.8
30.5 meters	6.1	80.9	48200	31.7
	7.6	78.0	34440	31.4
	9.1	75.0	26580	31.1
	10.7	72.0	21610	30.5
	12.2	69.0	18090	30.2
	15.2	62.7	13500	28.7
	18.3	56.0	10720	26.8
	21.3	48.8	8760	24.7
	24.4	40.6	7350	21.3
	27.4	30.8	6280	17.4
	30.5	16.5	5440	10.4
33.5 meters	6.7	80.6	41520	34.7
	7.6	79.1	34360	34.4
	9.1	76.4	26480	34.1
	10.7	73.7	21520	33.8
	12.2	71.0	18000	33.2
	15.2	65.4	13410	32.0
	18.3	59.5	10630	30.5
	21.3	53.2	8680	28.3
	24.4	46.4	7260	25.9
	27.4	38.7	6190	22.6
	30.5	29.4	5340	18.0
	33.5	15.7	4670	10.7
36.6 meters	7.0	81.0	38710	37.8
	7.6	80.0	34280	37.8
	9.1	77.5	26410	37.5
	10.7	75.1	21440	36.8
	12.2	72.6	17910	36.6
	15.2	67.5	13320	35.4
	18.3	62.2	10550	34.1
	21.3	56.7	8600	32.3
	24.4	50.8	7180	29.9
	27.4	44.3	6100	27.1
39.6 meters	30.5	37.0	5260	23.5
	33.5	28.1	4580	18.9
	36.6	15.1	4030	11.3
	7.6	80.8	33890	40.8
	9.1	78.5	26310	40.5
	10.7	76.3	21360	40.2
	12.2	74.0	17820	39.6
	15.2	69.3	13220	38.7
	18.3	64.5	10460	37.5
	21.3	59.6	8510	35.7
	24.4	54.3	7090	33.8
	27.4	48.7	6010	31.4

(Continued)

**LIFT RATINGS (cont.)****with 59S Tubular Chord Tapered Tip Boom****METRIC**

Boom Length Feet	Radius in Feet	Boom Angle Degrees	Rating in Pounds	Feet From Boom Point To Ground
130 feet (cont.)	100	42.5	11380	93
	110	35.5	9880	81
	120	27.0	8660	64
	130	14.5	7640	38
140 feet	27	80.6	64400	143
	30	79.3	57820	143
	35	77.3	46890	142
	40	75.2	39100	141
	50	70.9	28960	138
	60	66.5	22880	134
	70	61.9	18570	129
	80	57.2	15440	123
	90	52.2	13060	116
	100	46.8	11190	107
	110	40.9	9690	97
	120	34.1	8470	84
	130	26.0	7440	67
	140	13.9	6590	39
150 feet	28	80.8	55770	153
	30	80.1	55770	153
	35	78.1	46690	152
	40	76.2	38890	151
	50	72.2	28740	148
	60	68.1	22680	145
	70	63.9	18360	140
	80	59.6	15220	135
	90	55.1	12850	128
	100	50.3	10980	121
	110	45.1	9490	112
	120	39.4	8250	101
	130	32.9	7220	87
	140	25.1	6360	69
	150	13.5	5630	40
160 feet	30	80.7	47450	163
	35	78.9	46500	162
	40	77.0	38700	161
	50	73.3	28540	159
	60	69.6	22490	155
	70	65.7	18160	151
	80	61.7	15030	146
	90	57.5	12650	140
	100	53.2	10790	133
	110	48.6	9280	125
	120	43.6	8050	116
	130	38.1	7020	104
	140	31.9	6150	90
	150	24.3	5410	71
	160	13.0	4780	41
170 feet	31	80.9	41890	173
	35	79.5	41820	173
	40	77.8	38490	172
	50	74.3	28320	169
	60	70.8	22280	166
	70	67.2	17950	162
	80	63.5	14820	157
	90	59.7	12440	152
	100	55.7	10570	146
	110	51.5	9070	138
	120	47.0	7830	130
	130	42.2	6800	120
	140	36.9	5920	107
	150	30.9	5180	93
	160	23.5	4540	73
	170	12.6	3990	43
180 feet	33	80.8	37010	183
	35	80.1	36880	183
	40	78.5	36730	182
	50	75.2	22120	179
	60	71.9	22090	176
	70	68.5	17760	173
	80	65.1	14620	169
	90	61.5	12240	164
	100	57.8	10370	158
	110	54.0	8860	151
	120	49.9	7630	143
	130	45.6	6600	134

Boom Length Meters	Radius in Meters	Boom Angle Degrees	Rating in Kilograms	Meters From Boom Point To Ground
39.6 meters (cont.)	30.5	42.5	5160	28.3
	33.5	35.5	4480	24.7
	36.6	27.0	3930	19.5
	39.6	14.5	3470	11.6
42.7 meters	8.2	80.6	29210	43.6
	9.1	79.3	26230	43.6
	10.7	77.3	21270	43.3
	12.2	75.2	17740	43.0
	15.2	70.9	13140	42.1
	18.3	66.5	10380	40.8
	21.3	61.9	8420	39.3
	24.4	57.2	7000	37.5
	27.4	52.2	5920	35.4
	30.5	46.8	5080	32.8
	33.5	40.9	4400	29.6
	36.6	34.1	3840	25.8
	39.6	26.0	3370	20.4
	42.7	13.9	2990	11.9
45.7 meters	8.5	80.8	25300	46.6
	9.1	80.1	25300	46.6
	10.7	78.1	21180	46.3
	12.2	76.2	17640	46.0
	15.2	72.2	13040	45.1
	18.3	68.1	10290	44.2
	21.3	63.9	8330	42.7
	24.4	59.6	6900	41.1
	27.4	55.1	5830	39.0
	30.5	50.3	4980	36.9
	33.5	45.1	4300	34.1
	36.6	39.4	3740	30.8
	39.6	32.9	3270	26.5
	42.7	25.1	2880	21.0
	45.7	13.5	2550	12.2
48.8 meters	9.1	80.7	21520	49.7
	10.7	78.9	21090	49.4
	12.2	77.0	17550	49.1
	15.2	73.3	12950	48.5
	18.3	69.6	10200	47.2
	21.3	65.7	8240	46.0
	24.4	61.7	6820	44.5
	27.4	57.5	5740	42.7
	30.5	53.2	4890	40.5
	33.5	48.6	4210	38.1
	36.6	43.6	3650	35.4
	39.6	38.1	3180	31.7
	42.7	31.9	2790	27.4
	45.7	24.3	2450	21.6
	48.8	13.0	2170	12.5
51.8 meters	9.4	80.9	19000	52.7
	10.7	79.5	18970	52.7
	12.2	77.8	17480	52.4
	15.2	74.3	12850	51.5
	18.3	70.8	10110	50.6
	21.3	67.2	8140	49.4
	24.4	63.5	6720	47.9
	27.4	59.7	5640	46.3
	30.5	55.7	4790	44.5
	33.5	51.5	4110	42.1
	36.6	47.0	3550	39.6
	39.6	42.2	3080	36.6
	42.7	36.9	2690	32.6
	45.7	30.9	2350	28.3
	48.8	23.5	2060	22.3
	51.8	12.6	1810	13.1
54.9 meters	10.1	80.8	16790	55.8
	10.7	80.1	16730	55.8
	12.2	78.5	16660	55.5
	15.2	75.2	10030	54.6
	18.3	71.9	10020	53.6
	21.3	68.5	8060	52.7
	24.4	65.1	6630	51.5
	27.4	61.5	5550	50.0
	30.5	57.8	4700	48.2
	33.5	54.0	4020	46.0
	36.6	49.9	3460	43.6
	39.6	45.6	2990	40.8

(Continued)



LIFT RATINGS (cont.)

with 59S Tubular Chord Tapered Tip Boom

METRIC

Boom Length Feet	Radius In Feet	Boom Angle Degrees	Rating In Pounds	Feet From Boom Point To Ground	Boom Length Meters	Radius In Meters	Boom Angle Degrees	Rating In Kilograms	Meters From Boom Point To Ground
180 feet (cont.)	140	41.0	5730	123	54.9 meters (cont.)	42.7	41.0	2600	37.5
	150	35.9	4970	111		45.7	35.9	2250	33.8
	160	30.0	4330	95		48.8	30.0	1960	29.0
	170	22.8	3760	75		51.8	22.8	1710	22.9
	180	12.3	3290	44		54.9	12.3	1490	13.4
190 feet	34	81.0	32880	193	57.9 meters	10.4	81.0	14910	58.8
	35	80.6	32820	193		10.7	80.6	14890	58.8
	40	79.1	32490	192		12.2	79.1	14740	58.5
	50	76.0	27900	190		15.2	76.0	12660	57.9
	60	72.9	21890	187		18.3	72.9	9930	57.0
	70	69.7	17550	184		21.3	69.7	7960	56.1
	80	66.5	14410	180		24.4	66.5	6540	54.9
	90	63.1	12030	175		27.4	63.1	5480	53.3
	100	59.7	10160	169		30.5	59.7	4610	51.5
	110	56.1	8650	163		33.5	56.1	3920	49.7
	120	52.4	7420	156		36.6	52.4	3370	47.5
	130	48.5	6380	148		39.6	48.5	2890	45.1
	140	44.3	5500	138		42.7	44.3	2490	42.1
	150	39.8	4750	127		45.7	39.8	2150	38.7
	160	34.9	4100	114		48.8	34.9	1860	34.7
200 feet	170	29.2	3530	98	61.0 meters	51.8	29.2	1600	29.9
	180	22.2	3050	77		54.9	22.2	1380	23.5
	190	12.0	2560	45		57.9	12.0	1180	13.7
	36	80.8	28310	203		11.0	80.8	15300	61.9
	40	79.7	28990	202		12.2	79.7	15150	61.6
	50	76.7	27680	200		15.2	76.7	12560	61.0
	60	73.8	21690	197		18.3	73.8	9840	60.0
	70	70.8	17350	194		21.3	70.8	7870	59.1
	80	67.7	14210	190		24.4	67.7	6450	57.9
	90	64.6	11820	186		27.4	64.6	5360	56.7
	100	61.4	9950	181		30.5	61.4	4510	55.2
	110	58.0	8440	175		33.5	58.0	3830	53.3
	120	54.6	7200	168		36.6	54.6	3270	51.2
	130	51.0	6170	161		39.6	51.0	2800	49.1
	140	47.2	5290	152		42.7	47.2	2400	46.3
	150	43.2	4540	142		45.7	43.2	2060	43.3
	160	38.8	3880	131		48.8	38.8	1760	39.9
	170	34.0	3320	117		51.8	34.0	1510	35.7
	180	28.4	2800	101		54.9	28.4	1270	30.8
	190	21.7	2280	79		57.9	21.7	1030	24.1
	200	11.7	1820	46		61.0	11.7	830	14.0

7260.96

DUTY CYCLE RATINGS

with 59S Tubular Chord Tapered Tip Boom and "L-L" Counterweight (25,000 lbs.) (11340 kgs.)

METRIC

Boom Length (Feet)	Radius In Feet	Boom Angle Degrees	Duty Cycle Ratings			Feet From Boom Point To Ground
			Clamshell	Dragline	Magnet	
60 feet	14	80.5	20700	17750	20700	65
	15	79.6	20700	17750	20700	64
	20	74.7	20700	17750	20700	63
	25	69.6	20700	17750	20700	62
	30	64.5	20700	17750	20700	59
	35	59.0	20700	17750	20700	57
	40	53.3	20700	17750	20700	53
	50	40.1	19620	17750	19620	44
70 feet	60	21.4	15440	17340	15440	27
	16	80.2	20700	17750	20700	74
	20	76.9	20700	17750	20700	74
	25	72.6	20700	17750	20700	72
	30	68.3	20700	17750	20700	70
	35	63.8	20700	17750	20700	68
	40	59.2	20700	17750	20700	65
	50	49.1	19530	17750	19530	58
	60	37.0	15360	17250	15360	47
	70	19.8	12500	14030	12500	29
Boom Length (Meters)	Radius In Meters	Boom Angle Degrees	Duty Cycle Ratings			Meters From Boom Point To Ground
			Clamshell	Dragline	Magnet	
18.3 meters	4.3	80.5	9390	8050	9390	19.8
	4.6	79.6	9390	8050	9390	19.5
	5.1	74.7	9390	8050	9390	19.2
	5.6	69.6	9390	8050	9390	18.9
	6.1	64.5	9390	8050	9390	18.0
	6.7	59.0	9390	8050	9390	17.4
	7.3	53.3	9390	8050	9390	16.2
	8.0	40.1	8900	8050	8900	13.4
21.3 meters	9.1	21.4	7000	7870	7000	8.2
	4.9	80.2	9390	8050	9390	22.6
	6.1	76.9	9390	8050	9390	22.6
	7.6	72.6	9390	8050	9390	21.9
	9.1	68.3	9390	8050	9390	21.3
	10.7	63.8	9390	8050	9390	20.7
	12.2	59.2	9390	8050	9390	19.8
	15.2	49.1	8860	8050	8860	17.7
	18.3	37.0	6970	7820	6970	14.3
	21.3	19.8	5670	6360	5670	8.8

(Continued)

**DUTY CYCLE RATINGS (cont.)**

with 59S Tubular Chord Tapered Tip Boom

METRIC

Boom Length (Feet)	Radius in Feet	Boom Angle Degrees	Duty Cycle Ratings			Feet From Boom Point To Ground
			Clamshell	Dragline	Magnet	
80 feet	17	80.7	20700	17750	20700	84
	20	78.6	20700	17750	20700	84
	25	74.9	20700	17750	20700	83
	30	71.1	20700	17750	20700	81
	35	67.3	20700	17750	20700	79
	40	63.4	20700	17750	20700	77
	50	55.0	19420	17750	19420	71
	60	45.7	15250	17130	15250	63
	70	34.6	12390	13920	12390	51
	80	18.5	10300	11570	10300	31
90 feet	19	80.5	20700	—	—	94
	20	79.8	20700	—	—	94
	25	76.6	20700	—	—	93
	30	73.3	20700	—	—	92
	35	69.9	20700	—	—	90
	40	66.5	20700	—	—	88
	50	59.4	19300	—	—	83
	60	51.6	15130	—	—	76
	70	43.0	12270	—	—	67
	80	32.5	10190	—	—	54
	90	17.4	8590	—	—	32
100 feet	20	80.9	20700	—	—	104
	25	78.0	20700	—	—	103
	30	75.0	20700	—	—	102
	35	72.0	20700	—	—	100
	40	69.0	20700	—	—	99
	50	62.7	19190	—	—	94
	60	56.0	15010	—	—	88
	70	48.8	12160	—	—	81
	80	40.6	10080	—	—	70
	90	30.8	8490	—	—	57
	100	16.5	7240	—	—	34
110 feet	22	80.6	20700	—	—	114
	25	79.1	20700	—	—	113
	30	76.4	20700	—	—	112
	35	73.7	20700	—	—	111
	40	71.0	20700	—	—	109
	50	65.4	19050	—	—	105
	60	59.5	14880	—	—	100
	70	53.2	12020	—	—	93
	80	46.4	9940	—	—	85
	90	38.7	8360	—	—	74
	100	29.4	7110	—	—	59
	110	15.7	6090	—	—	35
120 feet	23	81.0	20700	—	—	124
	25	80.0	20700	—	—	124
	30	77.5	20700	—	—	123
	35	75.1	20700	—	—	121
	40	72.6	20700	—	—	120
	50	67.5	18910	—	—	116
	60	62.2	14730	—	—	112
	70	56.7	11870	—	—	106
	80	50.8	9800	—	—	98
	90	44.3	8210	—	—	89
	100	37.0	6970	—	—	77
	110	28.1	5950	—	—	62
	120	15.1	5110	—	—	37

7260.81

NOTE:

Maximum dragline ratings are increased to 19,500 pounds (8845 kilograms) and maximum clamshell and magnet ratings are increased to 22,750 pounds (10319 kilograms) with optional GM 84-71N on Cummins NT-855-C250 diesel engine with three stage torque converter.

CRANE RATING DATA

Load ratings are in pounds (kilograms) and do not exceed 75% of the load which would cause tipping with crane standing level on firm uniformly supporting surface. Safe loads depend on ground conditions, boom length, radius of operation, and proper handling, all of which must be taken into consideration by user.

Lifting is approved only in those areas for which ratings are shown in the rating chart.

"Radius in feet (meters)" is the horizontal distance at crane base level from center pin to vertical line through the center of gravity of the suspended load. Blocks, slings, buckets, and other load carrying devices are considered part of the load. Retractable A-frame must be in fully raised position for all ratings.

Ratings in shaded areas are based on structural limitations rather than stability.

Main load line is 1" (25.4 mm) dia. IPS with a minimum breaking strength of 89,800 pounds (40733 kilograms). Boom suspension rope is 10 parts .75" (19 mm) dia. EIPS with a minimum breaking strength of 58,800 pounds (26672 kilograms). Boom suspension pendants are 2 parts of 1.375" (34.9 mm) dia. with a minimum breaking strength of 208,000 pounds (94349 kilograms).

Designed and rated to comply with ANSI Code B30.5.

LOAD HOISTING DATA

METRIC

Maximum Lifting Capacity	Minimum Parts of Load Line	Maximum Hoisting Distance		
		RH Drum With Controlled Load Lowering	LH Drum With Controlled Load Lowering	LH Drum Without Controlled Load Lowering
		FL	FL	FL
200000	8	72	45	55
179600	7	83	52	63
153940	6	96	60	73
128280	5	116	72	88
102630	4	145	91	110
76970	3	193	121	147
51310	2	290	182	221
25660	1	581	364	442

Based on 1 in. IPS load line with 89,800 lbs. minimum breaking strength.

Maximum Lifting Capacity	Minimum Parts of Load Line	Maximum Hoisting Distance		
		RH Drum With Controlled Load Lowering	LH Drum With Controlled Load Lowering	LH Drum Without Controlled Load Lowering
		m	m	m
90720	8	21.9	13.7	16.8
81470	7	25.3	15.8	19.2
68830	6	29.3	18.3	22.3
58180	5	35.4	21.9	26.8
46550	4	44.2	27.7	33.5
34910	3	58.8	36.9	44.8
23270	2	88.4	55.5	67.4
11640	1	177.1	110.9	134.7

Based on 25.4 mm dia. load line with 40733 kgs. minimum breaking strength.

BOOM AND JIB ERECTION

METRIC

Boom Length	Max. SHL Jib Length
180' (54.9 m) Hammerhead	70'
200' (61.0 m) Tapered Tip	80'

Boom Length	Max. SHL Jib Length
180' (54.9 m) Hammerhead	21.3 m
200' (61.0 m) Tapered Tip	24.4 m

Boom & jib erection is over the end of the machine with idler tumbler blocked and with "S-S" counterweight.

59S HAMMERHEAD BOOM COMPOSITION

59S TAPERED TIP BOOM COMPOSITION

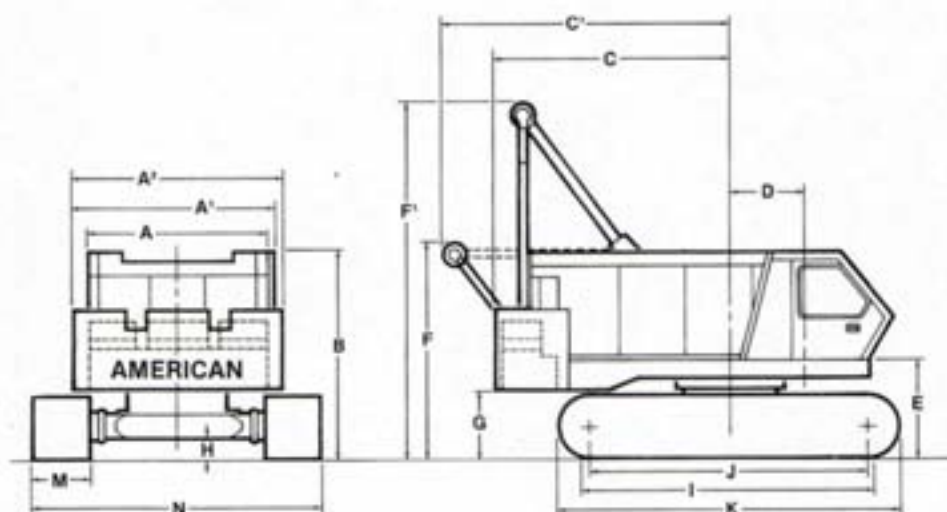
Boom Length		20 Ft. (6.1 m) 59H Inner	10 Ft. (3.1 m) 59S Center	20 Ft. (6.1 m) 59S Center	40 Ft. (12.2 m) 59S Center	20 Ft. (6.1 m) 59SH Outer Base	Hammer-head
Ft.	m						
40	12.2	1	—	—	—	1	1
50	15.3	1	1	—	—	1	1
60	18.3	1	—	1	—	1	1
70	21.3	1	1	1	—	1	1
80	24.4	1	—	—	1	1	1
90	27.9	1	1	—	1	1	1
100	30.5	1	—	1	1	1	1
110	33.5	1	1	1	1	1	1
120	36.6	1	—	—	2	1	1
130	39.6	1	1	—	2	1	1
140	42.7	1	—	1	2	1	1
150	45.7	1	1	1	2	1	1
160	48.8	1	—	—	3	1	1
170	51.8	1	1	—	3	1	1
180	54.9	1	—	1	3	1	1

Boom Length		20 Ft. (6.1 m) 59H Inner	10 Ft. (3.1 m) 59S Center	20 Ft. (6.1 m) 59S Center	40 Ft. (12.2 m) 59S Center	20 Ft. (6.1 m) 59SH Outer Base	20 Ft. (6.1 m) 59SH Tapered Tip
Ft.	m						
60	18.3	1	—	—	—	1	1
70	21.3	1	1	—	—	1	1
80	24.4	1	—	1	—	1	1
90	27.4	1	1	1	—	1	1
100	30.5	1	—	—	1	1	1
110	33.5	1	1	—	1	1	1
120	36.6	1	—	1	1	1	1
130	39.6	1	1	1	1	1	1
140	42.7	1	—	—	2	1	1
150	45.7	1	1	—	2	1	1
160	48.8	1	—	1	2	1	1
170	51.8	1	1	1	2	1	1
180	54.9	1	—	—	3	1	1
190	57.9	1	1	—	3	1	1
200	61.0	1	—	1	3	1	1

J.S.A.



AMERICAN MODEL 7260 CRAWLER



GENERAL DIMENSIONS

	FL	MM
A Width of cab	10'6"	3200
A ¹ Width over counterweight	11'11½"	3645
A ² Width of machinery cab plus operator cab	10'11"	3327
B Height over cab	11'9"	3581
C Tailswing	14'9"	4496
C ¹ Tailswing with A-frame retracted	16'9½"	5116
D Center of pivot to center of crane boom foot	4'1½"	1257
E Ground to center of crane boom foot	5'6"	1676
F Height over A-frame in retracted position	12'2"	3708
F ¹ Height over A-frame in raised position	20'7"	6274
G Ground to bottom of counterweight	3'11"	1194
H Minimum ground clearance under crawler base	14"	4267

	FL	MM
I Crawler bearing length	17'2½"	5245
J Center to center crawler tumbler	16'4"	4978
K Overall length to crawlers	19'6½"	5956
M Width of tread shoes (Standard)	38"	991
M ¹ Width of tread shoes (Optional)	44" or 50"	1117 or 1270
N Overall width over crawlers		
38" (965 mm) Shoes	16'8"	5080
44" (1,118 mm) Shoes	17'2"	5232
50" (1,270 mm) Shoes	17'8"	5385
N ¹ Width with side frames removed (over crawler axles)	11'0"	3353
O Overall length of cab and counterweight	19'8"	5994

PERFORMANCE

TRAVEL SPEED	0.9 MPH	1.45 KPH
SWING SPEED	3 RPM	3 RPM

SINGLE LINE SPEED:

Crane Hoist	165 FPM	50.3 MPM
Dragline	157 FPM	47.9 MPM
Magnet	200 FPM	61.0 MPM
Third Drum (Standard Travel)	185 FPM	56.4 MPM
Third Drum (Independent Travel)	115 FPM	35.0 MPM

SINGLE LINE PULL:

Crane Hoist	29,500 lbs. SLP	13381 kg
Dragline	31,400 lbs. SLP	14240 kg
Magnet	24,400 lbs. SLP	11068 kg
Third Drum (Std. Travel)	10,000 lbs. SLP	4536 kg
Third Drum (Ind. Travel)	16,000 lbs. SLP	7258 kg

NOTE: In accordance with varying material situations and the Company's policy of constant product improvement these specifications are subject to change without notice and without incurring responsibility to units previously sold.

WEIGHTS

7260 lifting crane with "S-S" counterweight and 40 ft. (12.19 m) boom with hammerhead:

38" (965 mm) shoes	44" (1117 mm) shoes	50" (1270 mm) shoes
167,900 #	170,050 #	172,650 #
76,159 kg	77,135 kg	78,314 kg

	LBS.	KG.
Counterweight	49,900	22635
Hammerhead tip	2,150	975
Crane boom outer	1,060	481
Crane boom inner	2,230	1011
Boom stops	350	160
Outer bail assy.	965	440
Crawler side frames (38" 965 mm shoes)	46,740	21200
Drive couplings	840	380
Crawler axles	7,900	3580
Carbody assy.	11,120	5040

GROUND PRESSURES

Lifting crane with 40 ft. (12.19 m) boom with hammerhead and "S-S" counterweight.

38" (965 mm) shoes	44" (1117 mm) shoes	50" (1270 mm) shoes
10.7 PSI	9.4 PSI	8.4 PSI

