



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	Ratings In Pounds	Feet From Boom Point To Ground	Boom Length Meters	Radius In Meters	Boom Angle Degrees	Ratings In Kilograms	Meters From Boom Point To Ground
40 feet	11	82.8	200000	46	12.2 meters	3.4	82.8	90720	14.0
	12	81.3	200000	46		3.7	81.3	90720	14.0
	15	77.0	175350	45		4.6	77.0	79540	13.7
	20	69.6	106600	44		6.1	69.6	48350	13.4
	25	61.7	76120	41		7.6	61.7	34530	12.5
	30	53.1	58840	38		9.1	53.1	26690	11.6
	35	43.3	47770	33		10.7	43.3	21670	10.1
	40	30.9	40000	26		12.2	30.9	18140	7.9
50 feet	13	81.9	198730	56	15.2 meters	4.0	81.9	90140	17.1
	15	79.6	175470	55		4.6	79.6	79590	16.8
	20	73.8	106620	54		6.1	73.8	48360	16.3
	25	67.7	76130	52		7.6	67.7	34530	15.8
	30	61.3	58810	50		9.1	61.3	26680	15.2
	35	54.5	47750	47		10.7	54.5	21660	14.3
	40	47.0	39980	42		12.2	47.0	18130	12.8
	50	27.4	29860	29		15.2	27.4	13540	8.8
60 feet	14	82.3	187000	66	18.3 meters	4.3	82.3	84820	20.1
	15	81.3	175510	65		4.6	81.3	79610	19.8
	20	76.5	106590	64		6.1	76.5	48350	19.5
	25	71.6	76110	63		7.6	71.6	34520	19.2
	30	66.5	58770	61		9.1	66.5	26660	18.6
	35	61.1	47720	59		10.7	61.1	21650	18.0
	40	55.5	39950	55		12.2	55.5	18120	16.8
	50	42.6	29810	46		15.2	42.6	13520	14.0
70 feet	60	24.8	23550	31	21.3 meters	18.3	24.8	10680	9.4
	15	82.6	175470	75		4.6	82.6	79600	22.9
	20	78.5	106500	75		6.1	78.5	48310	22.9
	25	74.3	76010	73		7.6	74.3	34480	22.3
	30	70.0	58650	72		9.1	70.0	26600	21.9
	35	65.6	47600	70		10.7	65.6	21590	21.3
	40	61.0	39820	67		12.2	61.0	18060	20.4
	50	51.0	29680	60		15.2	51.0	13460	18.3
80 feet	60	39.3	23440	50	24.4 meters	18.3	39.3	10630	15.2
	70	22.9	19100	33		21.3	22.9	8660	10.1
	16	82.8	155390	85		4.9	82.8	70460	25.9
	20	79.9	108400	85		6.1	79.9	48260	25.9
	25	76.3	75920	84		7.6	76.3	34440	25.6
	30	72.6	58540	82		9.1	72.6	26550	25.0
	35	68.8	47490	81		10.7	68.8	21540	24.7
	40	64.9	39710	78		12.2	64.9	18010	23.8
90 feet	50	56.6	29560	73	27.4 meters	15.2	56.6	13410	22.3
	60	47.5	23350	65		18.3	47.5	10660	19.8
	70	38.6	19020	53		21.3	38.6	8630	16.2
	80	21.3	15870	35		24.4	21.3	7200	10.7
	17	83.0	139410	95		5.2	83.0	63240	29.0
	20	81.0	106280	95		6.1	81.0	48210	29.0
	25	77.8	75780	94		7.6	77.8	34370	28.7
	30	74.5	58380	93		9.1	74.5	26480	28.3
100 feet	35	71.2	47340	91	30.5 meters	10.7	71.2	21470	27.7
	40	67.8	39550	89		12.2	67.8	17940	27.1
	50	60.7	29390	85		15.2	60.7	13330	25.9
	60	53.1	23200	78		18.3	53.1	10520	23.8
	70	44.6	18870	69		21.3	44.6	8560	21.0
	80	34.4	15720	57		24.4	34.4	7130	17.4
	90	20.0	13330	36		27.4	20.0	6050	11.0
	19	82.5	115390	105		5.8	82.5	52340	32.0
100 feet	20	81.9	106150	105	30.5 meters	6.1	81.9	48150	32.0
	25	79.0	75650	104		7.6	79.0	34310	31.7
	30	76.1	58230	103		9.1	76.1	26410	31.4
	35	73.2	47210	102		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	Boom Length Meters	Radius In Meters	Boom Angle Degrees	Rating In Kilograms	Meters From Boom Point To Ground
100 feet (cont.)	40	70.1	39400	100	30.5 meters (cont.)	12.2	70.1	17870	30.5
	50	63.9	29240	96		15.2	63.9	13260	29.3
	60	57.3	23060	90		18.3	57.3	10460	27.4
	70	50.2	18720	83		21.3	50.2	8490	25.3
	80	42.1	15580	73		24.4	42.1	7070	22.3
	90	32.5	13180	60		27.4	32.5	5980	18.3
110 feet	100	18.9	11310	38	33.5 meters	30.5	18.9	5130	11.8
	20	82.7	106000	115		6.1	82.7	48080	35.1
	25	80.0	75510	114		7.6	80.0	34250	34.7
	30	77.4	58060	113		9.1	77.4	26340	34.4
	35	74.7	47040	112		10.7	74.7	21340	34.1
	40	72.0	39220	111		12.2	72.0	17790	33.8
	50	66.4	29050	107		15.2	66.4	13180	32.6
	60	60.6	22880	102		18.3	60.6	10380	31.1
	70	54.4	18550	95		21.3	54.4	8410	29.0
	80	47.7	15390	87		24.4	47.7	6980	26.5
120 feet	90	40.1	13000	77	36.6 meters	27.4	40.1	5900	23.5
	100	31.0	11130	62		30.5	31.0	5050	18.9
	110	18.0	9620	40		33.5	18.0	4360	12.2
	21	82.8	95520	125		6.4	82.8	43320	38.1
	25	80.9	75360	125		7.6	80.9	34180	38.1
	30	78.5	57890	124		9.1	78.5	26260	37.8
	35	76.0	46880	123		10.7	76.0	21260	37.5
	40	73.5	39060	121		12.2	73.5	17720	36.9
	50	68.5	28880	118		15.2	68.5	13100	36.0
	60	63.3	22720	113		18.3	63.3	10310	34.4
130 feet	70	57.8	18380	107	39.6 meters	21.3	57.8	8340	32.6
	80	51.9	15240	100		24.4	51.9	6910	30.5
	90	45.5	12840	91		27.4	45.5	5820	27.7
	100	38.3	10970	80		30.5	38.3	4980	24.4
	110	29.6	9450	65		33.5	29.6	4290	19.8
	120	17.2	8220	41		36.6	17.2	3730	12.5
	22	82.9	80970	135		6.7	82.9	36730	41.1
	25	81.6	75200	135		7.6	81.6	34110	41.1
	30	79.4	57720	134		9.1	79.4	26180	40.8
	35	77.1	46710	133		10.7	77.1	21190	40.5
140 feet	40	74.8	38880	132	42.7 meters	12.2	74.8	17640	40.2
	50	70.2	28680	128		15.2	70.2	13010	39.0
	60	65.5	22540	124		18.3	65.5	10220	37.8
	70	60.5	18200	119		21.3	60.5	8260	36.3
	80	55.3	15040	113		24.4	55.3	6820	34.4
	90	49.7	12650	105		27.4	49.7	5740	32.0
	100	43.6	10780	96		30.5	43.6	4890	29.3
	110	36.7	9260	83		33.5	36.7	4200	25.3
	120	28.4	8020	67		36.6	28.4	3640	20.4
	130	16.5	6990	42		39.6	16.5	3170	12.8
150 feet	24	82.6	68380	145	45.7 meters	7.3	82.6	31020	44.2
	25	82.2	68380	145		7.6	82.2	31020	44.2
	30	80.1	57550	144		9.1	80.1	26100	43.9
	35	78.0	46540	143		10.7	78.0	21110	43.6
	40	75.9	38700	142		12.2	75.9	17550	43.3
	50	71.7	28490	139		15.2	71.7	12920	42.4
	60	67.3	22360	135		18.3	67.3	10140	41.1
	70	62.8	18020	131		21.3	62.8	8170	39.9
	80	58.1	14870	125		24.4	58.1	6750	38.1
	90	53.1	12480	118		27.4	53.1	5660	36.0
	100	47.8	10590	110		30.5	47.8	4800	33.5
	110	41.9	9080	99		33.5	41.9	4120	30.2
	120	35.3	7830	87		36.6	35.3	3550	26.5
	130	27.3	6790	70		39.6	27.3	3080	21.3
	140	15.9	5920	44		42.7	15.9	2690	13.4
150 feet	25	82.7	58830	155	45.7 meters	7.6	82.7	26890	47.2
	30	80.8	57370	154		9.1	80.8	25020	46.9
	35	78.8	46370	153		10.7	78.8	21030	46.6
	40	76.9	38510	152		12.2	76.9	17470	46.3
	50	72.9	28290	149		15.2	72.9	12830	45.4
	60	68.9	22170	146		18.3	68.9	10060	44.5
	70	64.8	17830	142		21.3	64.8	8090	43.3
	80	60.4	14670	136		24.4	60.4	6850	41.5
	90	55.9	12270	130		27.4	55.9	5570	39.6
	100	51.2	10400	123		30.5	51.2	4720	37.5
	110	46.1	8870	114		33.5	46.1	4020	34.7
	120	40.4	7630	103		36.6	40.4	3460	31.4
	130	34.1	6590	90		39.6	34.1	2990	27.4
	140	26.3	5710	72		42.7	26.3	2590	21.9
	150	15.3	4960	45		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
170 feet	150	25.5	4770	74
	160	14.8	4120	46
	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
180 feet	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
	28	83.0	38410	185

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
51.8 meters	45.7	25.5	2160	22.6
	48.8	14.8	1870	14.0
	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
54.9 meters	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	3280	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
	8.5	83.0	17420	56.4

7260.97

CRANETRADER**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	76530	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	69560	19.8
	4.6	79.6	69560	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	Boom Length Meters	Radius In Meters	Boom Angle Degrees	Rating In Kilograms	Meters From Boom Point To Ground
70 feet	16	80.2	153230	74	21.3 meters	4.9	80.2	88510	22.6
	20	76.9	106740	74		6.1	76.9	48420	22.6
	25	72.6	76390	72		7.6	72.6	34650	21.9
	30	68.3	59110	70		9.1	68.3	26810	21.3
	35	63.8	48110	68		10.7	63.8	21820	20.7
	40	59.2	40370	65		12.2	59.2	18310	19.8
	50	49.1	30290	58		15.2	49.1	13740	17.7
	60	37.0	24100	47		18.3	37.0	10930	14.3
80 feet	70	19.8	19800	29	24.4 meters	21.3	19.8	8980	8.8
	17	80.7	139550	84		5.2	80.7	63300	25.6
	20	78.6	108600	84		6.1	78.6	48350	25.6
	25	74.9	76250	83		7.6	74.9	34590	25.3
	30	71.1	58960	81		9.1	71.1	28740	24.7
	35	67.3	47980	79		10.7	67.3	21760	24.1
	40	63.4	40230	77		12.2	63.4	18250	23.5
	50	55.0	30140	71		15.2	55.0	13670	21.6
90 feet	60	45.7	23960	63	27.4 meters	18.3	45.7	10870	19.2
	70	34.6	19660	51		21.3	34.6	8920	15.5
	80	18.5	16550	31		24.4	18.5	7610	9.4
	19	80.5	115630	94		5.8	80.5	52450	28.7
	20	79.8	106430	94		6.1	79.8	48280	28.7
	25	76.6	76090	93		7.6	76.6	34510	28.3
	30	73.3	58770	92		9.1	73.3	26860	28.0
	35	69.9	47800	90		10.7	69.9	21680	27.4
100 feet	40	66.5	40040	88	30.5 meters	12.2	66.5	18160	26.8
	50	59.4	29950	83		15.2	59.4	13590	25.3
	60	51.6	23780	76		18.3	51.6	10790	23.2
	70	43.0	19480	67		21.3	43.0	8840	20.4
	80	32.5	16360	54		24.4	32.5	7420	16.5
	90	17.4	14000	32		27.4	17.4	6350	9.8
	20	80.9	106250	104		6.1	80.9	48200	31.7
	25	78.0	75930	103		7.6	78.0	34440	31.4
110 feet	30	75.0	58600	102	33.5 meters	9.1	75.0	26580	31.1
	35	72.0	47640	100		10.7	72.0	21510	30.5
	40	69.0	39880	99		12.2	69.0	18090	30.2
	50	62.7	29770	94		15.2	62.7	13500	28.7
	60	56.0	23630	88		18.3	56.0	10720	26.8
	70	48.8	19320	81		21.3	48.8	8760	24.7
	80	40.6	16200	70		24.4	40.6	7350	21.3
	90	30.8	13840	57		27.4	30.8	6280	17.4
120 feet	100	16.5	11990	34	36.6 meters	30.5	16.5	5440	10.4
	22	80.6	91530	114		6.7	80.6	41520	34.7
	25	79.1	75750	113		7.6	79.1	34360	34.4
	30	76.4	58410	112		9.1	76.4	26490	34.1
	35	73.7	47440	111		10.7	73.7	21520	33.8
	40	71.0	39680	109		12.2	71.0	18000	33.2
	50	65.4	29560	105		15.2	65.4	13410	32.0
	60	59.5	23440	100		18.3	59.5	10630	30.5
130 feet	70	53.2	19130	93	39.6 meters	21.3	53.2	8680	28.3
	80	46.4	16010	85		24.4	46.4	7260	25.9
	90	38.7	13640	74		27.4	38.7	6190	22.6
	100	29.4	11770	59		30.5	29.4	5340	18.0
	110	15.7	10290	35		33.5	15.7	4670	10.7
	23	81.0	85350	124		7.0	81.0	38710	37.8
	25	80.0	75580	124		7.6	80.0	34280	37.8
	30	77.5	58220	123		9.1	77.5	26410	37.5
120 feet	35	75.1	47260	121	36.6 meters	10.7	75.1	21440	36.9
	40	72.6	39490	120		12.2	72.6	17910	36.6
	50	67.5	29370	116		15.2	67.5	13320	35.4
	60	62.2	23260	112		18.3	62.2	10550	34.1
	70	56.7	18950	106		21.3	56.7	8690	32.3
	80	50.8	15820	98		24.4	50.8	7180	29.9
	90	44.3	13450	89		27.4	44.3	6100	27.1
	100	37.0	11590	77		30.5	37.0	5260	23.5
130 feet	110	28.1	10100	62	39.6 meters	33.5	28.1	4580	18.9
	120	15.1	8890	37		36.6	15.1	4030	11.3
	25	80.8	74710	134		7.6	80.8	33890	40.8
	30	78.5	58010	133		9.1	78.5	26310	40.5
	35	76.3	47080	132		10.7	76.3	21360	40.2
	40	74.0	39290	130		12.2	74.0	17820	39.6
	50	69.3	29150	127		15.2	69.3	13220	38.7
	60	64.5	23060	123		18.3	64.5	10460	37.5
130 feet	70	59.6	18750	117	39.6 meters	21.3	59.6	8510	35.7
	80	54.3	15620	111		24.4	54.3	7090	33.8
	90	48.7	13240	103		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	Boom Length Meters	Radius In Meters	Boom Angle Degrees	Rating In Kilograms	Meters From Boom Point To Ground
130 feet (cont.)	100	42.5	11380	93	39.6 meters (cont.)	30.5	42.5	5160	28.3
	110	35.5	9880	81		33.5	35.5	4480	24.7
	120	27.0	8660	64		36.6	27.0	3930	19.5
	130	14.5	7640	38		39.6	14.5	3470	11.6
140 feet	27	80.6	64400	143	42.7 meters	8.2	80.6	29210	43.6
	30	79.3	57820	143		9.1	79.3	26230	43.6
	35	77.3	46890	142		10.7	77.3	21270	43.3
	40	75.2	39100	141		12.2	75.2	17740	43.0
	50	70.9	28960	138		15.2	70.9	13140	42.1
	60	66.5	22880	134		18.3	66.5	10380	40.8
	70	61.9	18570	129		21.3	61.9	8420	39.3
	80	57.2	15440	123		24.4	57.2	7000	37.5
	90	52.2	13060	116		27.4	52.2	5920	35.4
	100	46.8	11190	107		30.5	46.8	5080	32.8
	110	40.9	9690	97		33.5	40.9	4400	29.8
	120	34.1	8470	84		36.6	34.1	3840	25.8
150 feet	130	26.0	7440	67	45.7 meters	39.6	26.0	3370	20.4
	140	13.9	6590	39		42.7	13.9	2990	11.9
	28	80.8	55770	153		8.5	80.8	25300	46.6
	30	80.1	55770	153		9.1	80.1	25300	46.6
	35	78.1	46690	152		10.7	78.1	21180	46.3
	40	76.2	38890	151		12.2	76.2	17640	46.0
	50	72.2	28740	148		15.2	72.2	13040	45.1
	60	68.1	22680	145		18.3	68.1	10290	44.2
	70	63.9	18360	140		21.3	63.9	8330	42.7
	80	59.6	15220	135		24.4	59.6	6900	41.1
	90	55.1	12850	128		27.4	55.1	5820	39.0
	100	50.3	10980	121		30.5	50.3	4980	36.9
160 feet	110	45.1	9490	112	48.8 meters	33.5	45.1	4300	34.1
	120	39.4	8250	101		36.6	39.4	3740	30.8
	130	32.9	7220	87		39.6	32.9	3270	26.5
	140	25.1	6360	69		42.7	25.1	2880	21.0
	150	13.5	5630	40		45.7	13.5	2550	12.2
	30	80.7	47450	163		9.1	80.7	21520	49.7
	35	78.9	46500	162		10.7	78.9	21090	49.4
	40	77.0	38700	161		12.2	77.0	17550	49.1
	50	73.3	28540	159		15.2	73.3	12950	48.5
	60	69.6	22490	155		18.3	69.6	10200	47.2
	70	65.7	18160	151		21.3	65.7	8240	46.0
	80	61.7	15030	146		24.4	61.7	6820	44.5
170 feet	90	57.5	12650	140	51.8 meters	27.4	57.5	5740	42.7
	100	53.2	10790	133		30.5	53.2	4890	40.5
	110	48.6	9280	125		33.5	48.6	4210	38.1
	120	43.6	8050	116		36.6	43.6	3650	35.4
	130	38.1	7020	104		39.6	38.1	3180	31.7
	140	31.9	6150	90		42.7	31.9	2790	27.4
	150	24.3	5410	71		45.7	24.3	2450	21.6
	160	13.0	4780	41		48.8	13.0	2170	12.5
	31	80.9	41890	173		9.4	80.9	19000	52.7
	35	79.5	41820	173		10.7	79.5	18970	52.7
	40	77.8	38490	172		12.2	77.8	17460	52.4
	50	74.3	28320	169		15.2	74.3	12850	51.5
180 feet	60	70.8	22280	166	54.9 meters	18.3	70.8	10110	50.6
	70	67.2	17950	162		21.3	67.2	8140	49.4
	80	63.5	14820	157		24.4	63.5	6720	47.9
	90	59.7	12440	152		27.4	59.7	5640	46.3
	100	55.7	10570	146		30.5	55.7	4790	44.5
	110	51.5	9070	138		33.5	51.5	4110	42.1
	120	47.0	7830	130		36.6	47.0	3560	39.6
	130	42.2	6800	120		39.6	42.2	3080	36.6
	140	36.9	5920	107		42.7	36.9	2690	32.6
	150	30.9	5180	93		45.7	30.9	2350	28.3
	160	23.5	4540	73		48.8	23.5	2060	22.3
	170	12.6	3990	43		51.8	12.6	1810	13.1
180 feet	33	80.8	37010	183	54.9 meters	10.1	80.8	16790	55.8
	35	80.1	36880	183		10.7	80.1	16730	55.8
	40	78.5	36730	182		12.2	78.5	16660	55.5
	50	75.2	22120	179		15.2	75.2	10030	54.6
	60	71.9	22090	176		18.3	71.9	10020	53.6
	70	68.5	17760	173		21.3	68.5	8060	52.7
	80	65.1	14620	169		24.4	65.1	6630	51.5
	90	61.5	12240	164		27.4	61.5	5550	50.0
	100	57.8	10370	158		30.5	57.8	4700	48.2
	110	54.0	8860	151		33.5	54.0	4020	46.0
	120	49.9	7630	143		36.6	49.9	3460	43.6
	130	45.6	6600	134		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	5460	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		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	1160	13.7
	36	80.8	29310	203	61.0 meters	11.0	80.8	13300	61.9
	40	79.7	28990	202		12.2	79.7	13150	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	53.2
	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
	6.1	74.7	9390	8050	9390	19.2
	7.6	69.6	9390	8050	9390	18.6
	9.1	64.5	9390	8050	9390	18.0
	10.7	59.0	9390	8050	9390	17.4
	12.2	53.3	9390	8050	9390	16.2
	15.2	40.1	8900	8050	8900	13.4
21.3 meters	18.3	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	6380	5670	8.8

**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

Boom Length (Meters)	Radius In Meters	Boom Angle Degrees	Duty Cycle Ratings			Meters From Boom Point To Ground
			Clamshell	Dragline	Magnet	
24.4 meters	5.2	80.7	9390	8050	9390	25.6
	6.1	78.6	9390	8050	9390	25.6
	7.6	74.9	9390	8050	9390	25.3
	9.1	71.1	9390	8050	9390	24.7
	10.7	67.3	9390	8050	9390	24.1
	12.2	63.4	9390	8050	9390	23.5
	15.2	55.0	8810	8050	8810	21.6
	18.3	45.7	6920	7770	6920	19.2
	21.3	34.6	5620	6310	5620	15.5
	24.4	18.5	4670	5250	4670	9.4
27.4 meters	5.8	80.5	9390	—	—	28.7
	6.1	79.8	9390	—	—	28.7
	7.6	76.6	9390	—	—	28.3
	9.1	73.3	9390	—	—	28.0
	10.7	69.9	9390	—	—	27.4
	12.2	66.5	9390	—	—	26.8
	15.2	59.4	8750	—	—	25.3
	18.3	51.6	6860	—	—	23.2
	21.3	43.0	5570	—	—	20.4
	24.4	32.5	4620	—	—	16.5
	27.4	17.4	3900	—	—	9.8
30.5 meters	6.1	80.9	9390	—	—	31.7
	7.6	78.0	9390	—	—	31.4
	9.1	75.0	9390	—	—	31.1
	10.7	72.0	9390	—	—	30.5
	12.2	69.0	9390	—	—	30.2
	15.2	62.7	8700	—	—	28.7
	18.3	56.0	6810	—	—	26.8
	21.3	48.8	5520	—	—	24.7
	24.4	40.6	4570	—	—	21.3
	27.4	30.8	3850	—	—	17.4
	30.5	16.5	3280	—	—	10.4
33.5 meters	6.7	80.6	9390	—	—	34.7
	7.6	79.1	9390	—	—	34.4
	9.1	76.4	9390	—	—	34.1
	10.7	73.7	9390	—	—	33.8
	12.2	71.0	9390	—	—	33.2
	15.2	65.4	8640	—	—	32.0
	18.3	59.5	6750	—	—	30.5
	21.3	53.2	5450	—	—	28.3
	24.4	46.4	4510	—	—	25.9
	27.4	38.7	3790	—	—	22.6
	30.5	29.4	3230	—	—	18.0
	33.5	15.7	2760	—	—	10.7
36.6 meters	7.0	81.0	9390	—	—	37.8
	7.6	80.0	9390	—	—	37.8
	9.1	77.5	9390	—	—	37.5
	10.7	75.1	9390	—	—	36.9
	12.2	72.6	9390	—	—	36.6
	15.2	67.5	8580	—	—	35.4
	18.3	62.2	6680	—	—	34.1
	21.3	56.7	5380	—	—	32.3
	24.4	50.8	4450	—	—	29.9
	27.4	44.3	3720	—	—	27.1
	30.5	37.0	3160	—	—	23.5
	33.5	28.1	2700	—	—	18.9
	36.6	15.1	2320	—	—	11.3

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
48550	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	172.1	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 "SS" counterweight.

59S HAMMERHEAD 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
FL	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	27.4	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

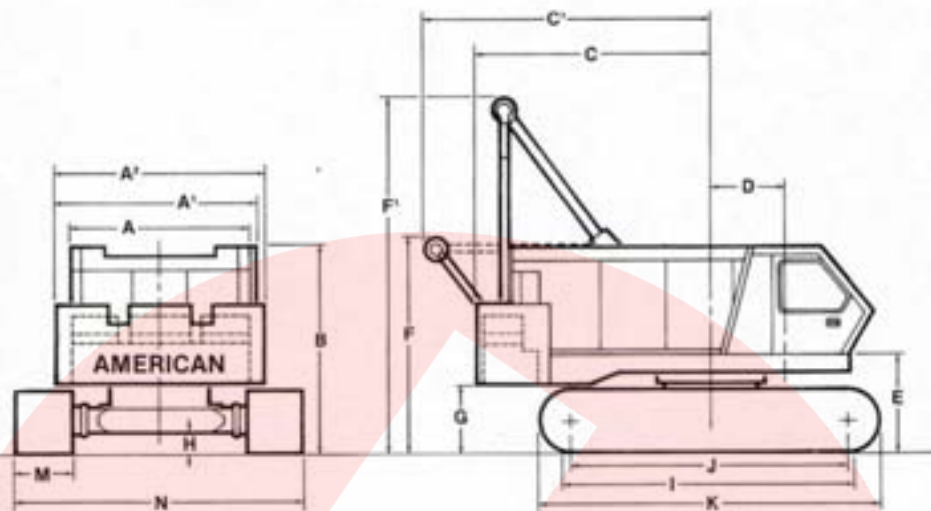
59S TAPERED TIP BOOM COMPOSITION

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	20 Ft. (6.1 m) 59SH Tapered Tip
FL	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	11'11 1/2"	3645
A ² Width of machinery cab plus operator cab	10'11"	3327
B Height over cab	11'9"	3581
C Tailswing	14'9"	4498
C ¹ Tailswing with A-frame retracted	16'9 1/2"	5118
D Center of pivot to center of crane boom foot	4'1 1/2"	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	17'2 1/2"	5245
J Center to center crawler tumblers	16'4"	4978
K Overall length to crawlers	19'6 1/2"	5956
M Width of tread shoes (Standard)	38"	965
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 m) Shoes	17'2"	5232
50" (1.270 m) 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	

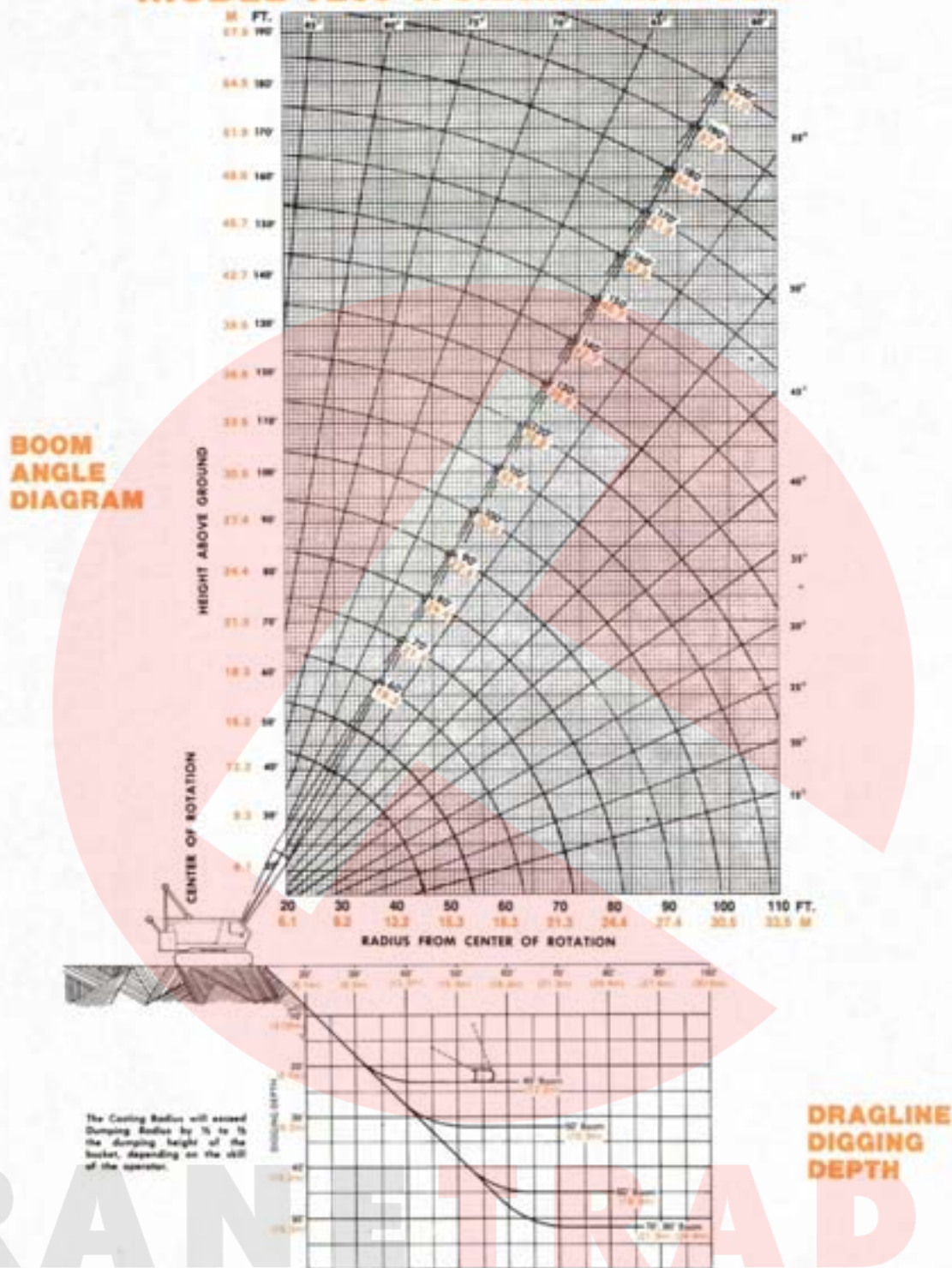
GROUND PRESSURES

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



MODEL 7260 WORKING RANGES



3JR891

7260-CR-6

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SOLD & SERVICED BY:



The American Crane Corporation
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Wilmington, North Carolina 28403
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