



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	106400	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	10580	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	30.5 meters	5.8	82.5	52340	32.0
100 feet	20	81.9	106150	105		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
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	25020	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	6650	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	2160	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	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
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	46.8
	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 RATINGSwith 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	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	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	89510	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
	70	19.8	19800	29		21.3	19.8	8980	8.8
80 feet	17	80.7	139550	84	24.4 meters	5.2	80.7	63300	25.6
	20	78.6	106600	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	26740	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
	60	45.7	23960	63		18.3	45.7	10870	19.2
90 feet	70	34.6	19660	51	27.4 meters	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	26660	28.0
	35	69.9	47800	90		10.7	69.9	21680	27.4
	40	66.5	40040	88		12.2	66.5	18160	26.8
100 feet	50	59.4	29950	83	30.5 meters	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
	30	75.0	58600	102		9.1	75.0	26580	31.1
110 feet	35	72.0	47640	100	33.5 meters	10.7	72.0	21610	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
	100	16.5	11990	34		30.5	16.5	5440	10.4
120 feet	22	80.6	91530	114	36.6 meters	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	26480	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
	70	53.2	19130	93		21.3	53.2	8680	28.3
130 feet	80	46.4	16010	85	39.6 meters	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
	35	75.1	47260	121		10.7	75.1	21440	36.9
140 feet	40	72.6	39490	120	42.7 meters	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	8600	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
	110	28.1	10100	62		33.5	28.1	4580	18.9
150 feet	120	15.1	8890	37	45.7 meters	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
	70	59.6	18750	117		21.3	59.6	8510	35.7
160 feet	80	54.3	15620	111	48.8 meters	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	32.6
	110	40.9	9690	97		33.5	40.9	4400	29.6
	120	34.1	8470	84		36.6	34.1	3840	25.6
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	5830	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	3550	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	56.8
	35	80.1	36880	183		10.7	80.1	16730	56.8
	40	78.5	36730	182		12.2	78.5	16660	56.5
	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
180 feet (cont.)	140	41.0	5730	123
	150	35.9	4970	111
	160	30.0	4330	95
	170	22.8	3760	75
	180	12.3	3290	44
190 feet	34	81.0	32880	193
	35	80.6	32820	193
	40	79.1	32490	192
	50	76.0	27900	190
	60	72.9	21890	187
	70	69.7	17550	184
	80	66.5	14410	180
	90	63.1	12030	175
	100	59.7	10160	169
	110	56.1	8650	163
	120	52.4	7420	156
	130	48.5	6380	148
	140	44.3	5500	138
	150	39.8	4750	127
	160	34.9	4100	114
	170	29.2	3530	98
	180	22.2	3050	77
	190	12.0	2560	45
200 feet	36	80.8	29310	203
	40	79.7	28990	202
	50	76.7	27680	200
	60	73.8	21690	197
	70	70.8	17350	194
	80	67.7	14210	190
	90	64.6	11820	186
	100	61.4	9950	181
	110	58.0	8440	175
	120	54.6	7200	168
	130	51.0	6170	161
	140	47.2	5290	152
	150	43.2	4540	142
	160	38.8	3880	131
	170	34.0	3320	117
	180	28.4	2800	101
	190	21.7	2280	79
	200	11.7	1820	46

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Boom Length Meters	Radius In Meters	Boom Angle Degrees	Rating In Kilograms	Meters From Boom Point To Ground
54.9 meters (cont.)	42.7	41.0	2600	37.5
	45.7	35.9	2250	33.8
	48.8	30.0	1960	29.0
	51.8	22.8	1710	22.9
	54.9	12.3	1490	13.4
57.9 meters	10.4	81.0	14910	58.8
	10.7	80.6	14890	58.8
	12.2	79.1	14740	58.5
	15.2	76.0	12660	57.9
	18.3	72.9	9930	57.0
	21.3	69.7	7960	56.1
	24.4	66.5	6540	54.9
	27.4	63.1	5480	53.3
	30.5	59.7	4610	51.5
	33.5	56.1	3920	49.7
	36.6	52.4	3370	47.5
	39.6	48.5	2890	45.1
	42.7	44.3	2490	42.1
	45.7	39.8	2150	38.7
	48.8	34.9	1850	34.7
	51.8	29.2	1600	29.9
	54.9	22.2	1380	23.5
	57.9	12.0	1160	13.7
61.0 meters	11.0	80.8	13300	61.9
	12.2	79.7	13150	61.6
	15.2	76.7	12560	61.0
	18.3	73.8	9840	60.0
	21.3	70.8	7870	59.1
	24.4	67.7	6450	57.9
	27.4	64.6	5360	56.7
	30.5	61.4	4510	55.2
	33.5	58.0	3830	53.3
	36.6	54.6	3270	51.2
	39.6	51.0	2800	49.1
	42.7	47.2	2400	46.3
	45.7	43.2	2060	43.3
	48.8	38.8	1760	39.9
	51.8	34.0	1510	35.7
	54.9	28.4	1270	30.8
	57.9	21.7	1030	24.1
	61.0	11.7	830	14.0

DUTY CYCLE RATINGSwith 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
70 feet	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	18.9
	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
21.3 meters	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

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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	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 "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	Hammerhead
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

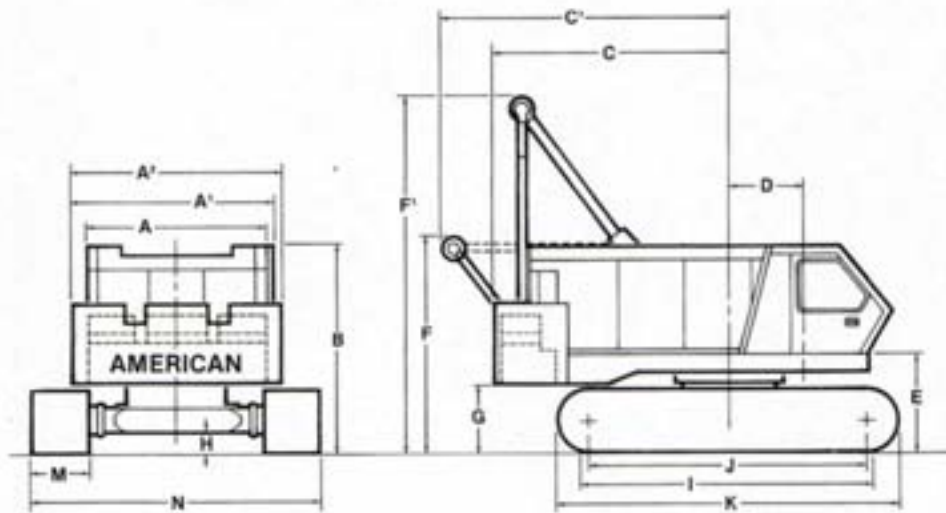
59S TAPERED TIP BOOM COMPOSITION

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
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	11'11 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"	4496
C ¹	Tailswing with A-frame retracted	16'9 1/2"	5116
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 1/4"	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"	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

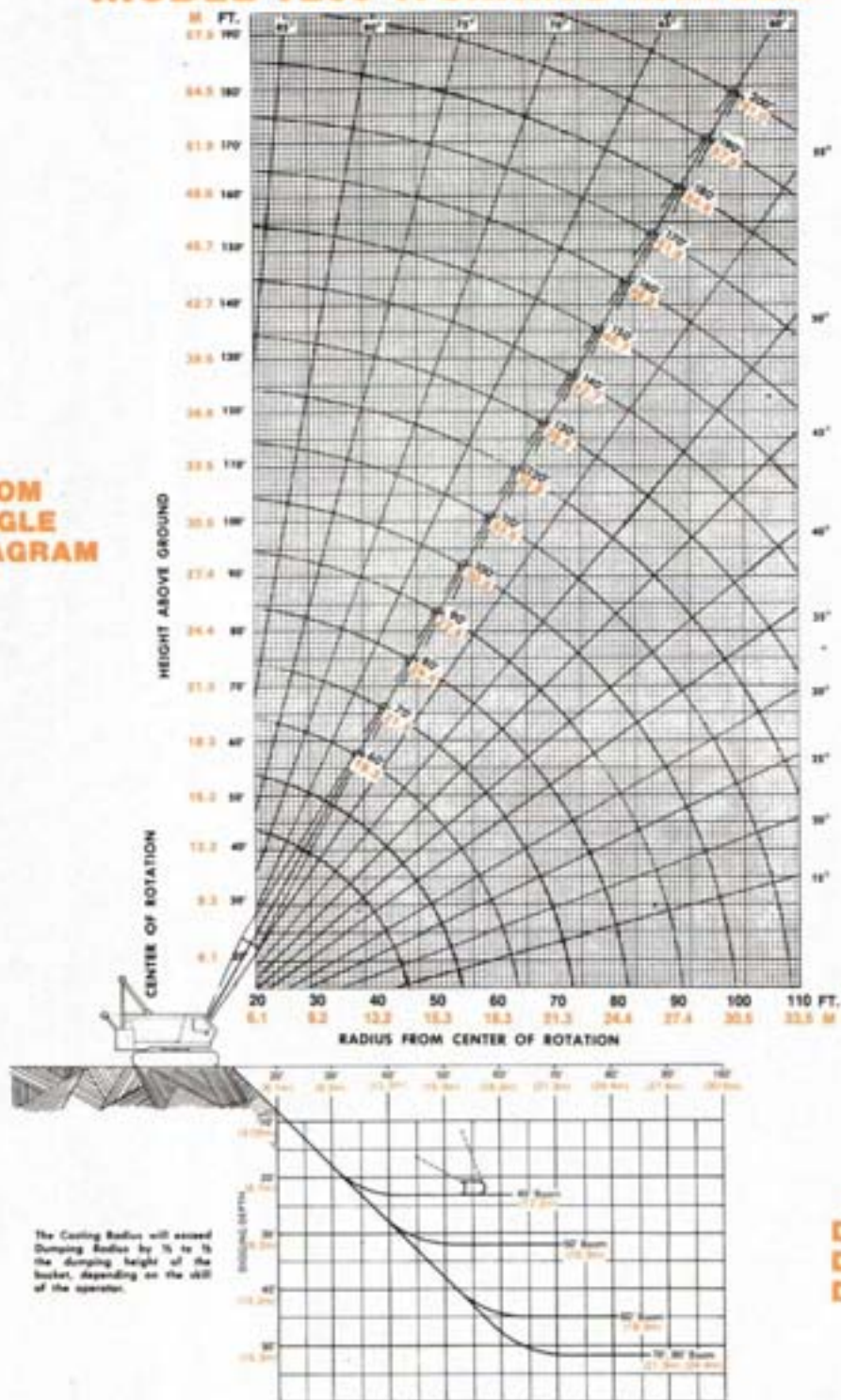
Lifting crane with 40 ft. (12.19 m) boom with hammerhead and "S-S" counterweight.

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



MODEL 7260 WORKING RANGES

BOOM ANGLE DIAGRAM



DRAGLINE DIGGING DEPTH

3JR891

7260-CR-6

PRINTED IN U.S.A.

SOLD & SERVICED BY:



The American Crane Corporation
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AN EQUAL OPPORTUNITY EMPLOYER