

BOOM LENGTH FEET	RADIUS IN FEET	BOOM ANGLE DEGREES	RATINGS IN POUNDS	FEET FROM BOOM POINT TO GROUND
60'	14	80.5	153,340*	65
	15	79.6	153,340*	64
	20	74.7	106,870	63
	25	69.6	76,530	62
	30	64.5	59,270	59
	35	59.0	48,260	57
	40	53.3	40,520	53
	50	40.1	30,460	44
	60	21.4	24,240	27
70'	16	80.2	153,230*	74
	20	76.9	106,740	74
	25	72.6	76,390	72
	30	68.3	59,110	70
	35	63.8	48,110	68
	40	59.2	40,370	65
	50	49.1	30,290	58
	60	37.0	24,100	47
80'	17	80.7	139,550	84
	20	78.6	106,600	84
	25	74.9	76,250	83
	30	71.1	58,960	81
	35	67.3	47,980	79
	40	63.4	40,230	77
	50	55.0	30,140	71
	60	45.7	23,960	63
	70	34.6	19,660	51
90'	19	80.5	115,630	94
	20	79.8	106,430	94
	25	76.6	76,090	93
	30	73.3	58,770	92
	35	69.9	47,800	90
	40	66.5	40,040	88
	50	59.4	29,950	83
	60	51.6	23,780	76
	70	43.0	19,480	67
	80	32.5	16,360	54
100'	20	80.9	106,250	104
	25	78.0	75,930	103
	30	75.0	58,600	102
	35	72.0	47,640	100
	40	69.0	39,880	99
	50	62.7	29,770	94
	60	56.0	23,630	88
	70	48.8	19,320	81
	80	40.6	16,200	70
	90	30.8	13,840	57
	100	16.5	11,990	34

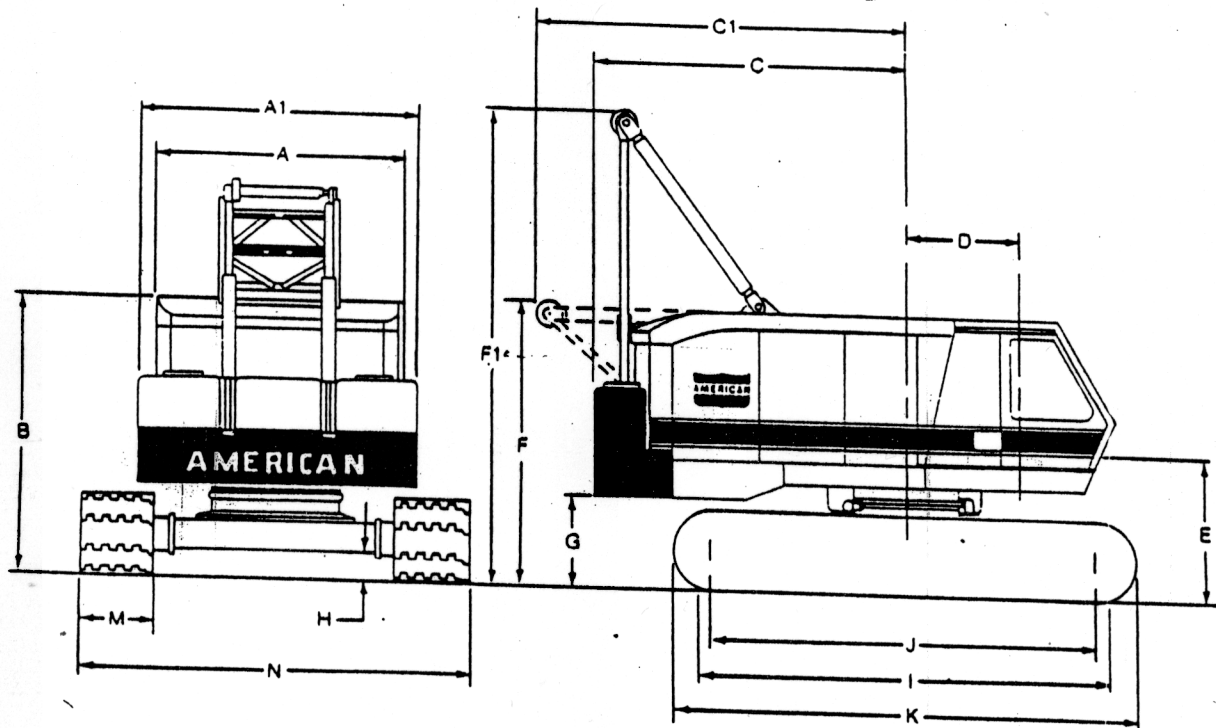
BOOM LENGTH FEET	RADIUS IN FEET	BOOM ANGLE DEGREES	RATINGS IN POUNDS	FEET FROM BOOM POINT TO GROUND
110'	22	80.6	91,530	114
	25	79.1	75,750	113
	30	76.4	58,410	112
	35	73.7	47,440	111
	40	71.0	39,680	109
	50	65.4	29,560	105
	60	59.5	23,440	100
	70	53.2	19,130	93
	80	46.4	16,010	85
	90	38.7	13,640	74
	100	29.4	11,770	59
120'	110	15.7	10,290	35
	23	81.0	85,350	124
	25	80.0	75,580	124
	30	77.5	58,220	123
	35	75.1	47,260	121
	40	72.6	39,490	120
	50	67.5	29,370	116
	60	62.2	23,260	112
	70	56.7	18,950	106
	80	50.8	15,820	98
	90	44.3	13,450	89
100	37.0	11,590	77	
110	28.1	10,100	62	
120	15.1	8,890	37	
130'	25	80.8	74,710*	134
	30	78.5	58,010	133
	35	76.3	47,080	132
	40	74.0	39,290	130
	50	69.3	29,150	127
	60	64.5	23,060	123
	70	59.6	18,750	117
	80	54.3	15,620	111
	90	48.7	13,240	103
	100	42.5	11,380	93
	110	35.5	9,880	81
120	27.0	8,660	64	
130	14.5	7,640	38	
140'	27	80.6	64,400*	143
	30	79.3	57,820	143
	35	77.3	46,890	142
	40	75.2	39,100	141
	50	70.9	28,960	138
	60	66.5	22,880	134
	70	61.9	18,570	129
	80	57.2	15,440	123
	90	52.2	13,060	116

BOOM LENGTH FEET	RADIUS IN FEET	BOOM ANGLE DEGREES	RATINGS IN POUNDS	FEET FROM BOOM POINT TO GROUND
140'	100	46.8	11,190	107
	110	40.9	9,690	97
	120	34.1	8,470	84
	130	26.0	7,440	67
	140	13.9	6,590	39
150'	28	80.8	55,770*	153
	30	80.1	55,770*	153
	35	78.1	46,690	152
	40	76.2	38,890	151
	50	72.2	28,740	148
	60	68.1	22,680	145
	70	63.9	18,360	140
	80	59.6	15,220	135
	90	55.1	12,850	128
	100	50.3	10,980	121
	110	45.1	9,490	112
	120	39.4	8,250	101
160'	130	32.9	7,220	87
	140	25.1	6,360	69
	150	13.5	5,630	40
	30	80.7	47,450*	163
	35	78.9	46,500	162
	40	77.0	38,700	161
	50	73.3	28,540	159
	60	69.6	22,490	155
	70	65.7	18,160	151
	80	61.7	15,030	146
	90	57.5	12,650	140
	100	53.2	10,790	133
110	48.6	9,280	125	
120	43.6	8,050	116	
130	38.1	7,020	104	
140	31.9	6,150	90	
150	24.3	5,410	71	
160	13.0	4,780	41	
170'	31	80.9	41,890*	173
	35	79.5	41,820*	173
	40	77.8	38,490	172
	50	74.3	28,320	169
	60	70.8	22,280	166
	70	67.2	17,950	162
	80	63.5	14,820	157
	90	59.7	12,440	152
	100	55.7	10,570	146
	110	51.5	9,070	138
	120	47.0	7,830	130
	130	42.2	6,800	120

BOOM LENGTH FEET	RADIUS IN FEET	BOOM ANGLE DEGREES	RATINGS IN POUNDS	FEET FROM BOOM POINT TO GROUND
170'	140	36.9	5,920	107
	150	30.9	5,180	93
	160	23.5	4,540	73
	170	12.6	3,990	43
180'	33	80.8	37,010*	183
	35	80.1	36,880*	183
	40	78.5	36,730*	182
	50	75.2	28,120	179
	60	71.9	22,090	176
	70	68.5	17,760	173
	80	65.1	14,620	169
	90	61.5	12,240	164
	100	57.8	10,370	158
	110	54.0	8,860	151
	120	49.9	7,630	143
	130	45.6	6,600	134
	140	41.0	5,730	123
	150	35.9	4,970	111
160	30.0	4,330	95	
170	22.8	3,760	75	
180	12.3	3,290	44	
190'	34	81.0	32,880*	193
	35	80.6	32,820*	193
	40	79.1	32,490*	192
	50	76.0	27,900	190
	60	72.9	21,890	187
	70	69.7	17,550	184
	80	66.5	14,410	180
	90	63.1	12,030	175
	100	59.7	10,160	169
	110	56.1	8,650	163
	120	52.4	7,420	156
	130	48.5	6,380	148
	140	44.3	5,500	138
	150	39.8	4,750	127
160	34.9	4,100	114	
170	29.2	3,530	98	
180	22.2	3,050	77	
190	12.0	2,560*	45	
200'	36	80.8	29,310*	203
	40	79.7	28,990*	202
	50	76.7	27,680	200
	60	73.8	21,690	197
	70	70.8	17,350	194
	80	67.7	14,210	190
	90	64.6	11,820	186
	100	61.4	9,950	181
110	58.0	8,440	175	



GENERAL DIMENSIONS, WEIGHTS AND PERFORMANCE



TM0000206

General Dimensions

A.	Width of cab	11'-0"	(3.4m)
A1.	Width over counterweight	11'-0"	(3.4m)
B.	Height over cab	11'-11-1/2"	(3.6m)
C.	Tailswing	11'-10"	(3.6m)
C1.	Tailswing with A-frame retracted	14'-9"	(4.5m)
D.	Center of pivot to center of crane boom foot	16'-9-1/2"	(5.1m)
E.	Ground to center of crane boom foot	4'-1-1/2"	(1.3m)
F.	Height over A-frame in retracted position	5'-6"	(1.7m)
F1.	Height over A-frame in raised position	12'-2"	(3.7m)
G.	Ground to bottom of counterweight	20'-7"	(6.3m)
H.	Minimum ground clearance under crawler base	3'-11"	(1.2m)
I.	Crawler bearing length	14"	(35.6cm)
J.	Center to center crawler tumblers	17'-2-1/2"	(5.2m)
K.	Overall length to crawlers	16'-4"	(5.0m)
M.	Width of tread shoes (Standard)	19'-6-1/2"	(6.0m)
M1.	Width of tread shoes (Optional)	38"	(97cm)
M2.	Width of tread shoes (Optional)	44"	(1.1cm)
N.	Overall width over crawlers 38" (96.5cm) shoes	50"	(1.3cm)
N.	Overall width over crawlers 44" (1.1m) shoes	16'-8"	(5.1m)
N1.	Overall width over crawlers 50" (1.3m) shoes	17'-2"	(5.1m)
N1.	Width with side frames removed (over crawler axles)	17'-8"	(5.4m)
O.	Overall length of cab and counterweight	11'-0"	(3.4m)
		19'-8"	(6.0m)



Load Hoisting Data*

MAXIMUM LIFTING CAPACITY		MINIMUM PTS OF LINE	MAXIMUM HOISTING DISTANCE	
POUNDS	KILOGRAMS		MAIN - RH	AUXILIARY - LH
200,000	(90.720)	8	71'(22m)	44'(13m)
179,600	(81.467)	7	82'(25m)	51'(16m)
153,940	(69.827)	6	96'(29m)	59'(18m)
128,280	(58.188)	5	115'(35m)	71'(22m)
102,630	(46.553)	4	144'(44m)	89'(27m)
76,970	(34.914)	3	192'(57m)	119'(36m)
51,310	(23.274)	2	288'(88m)	179'(55m)
25,660	(11.639)	1	576'(176m)	358'(109m)

*With controlled load lowering on one drum. Main load line 1" (25mm) diameter with minimum breaking strength of 89,800 lbs. (40,733.28kg). Boom suspension line 3/4" (19mm) diameter with minimum breaking strength of 58,800 lbs. (26,672kg).

Boom And Jib Erection*

BOOM LENGTH	MAXIMUM JIB LENGTH	
	#9	#9HL
150' (46m) Hammerhead	50' (15m)	60' (18m)
200' (61m) Tapered Tip	50' (15m)	60' (18m)

*Self-erecting over the end with tumblers blocked and "S-S" counterweight 49,700 lbs. (22,544kg).

Ground Pressure

Lift crane with 40' (12.2m) basic boom with hammerhead and "S-S" counterweight:

38" (97cm) Shoes 10.7 PSI	44" (111.76cm) Shoes 9.4 PSI	50" (127.00cm) Shoes 8.4 PSI
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Performance

TRAVEL SPEED ----- 0.9 MPH (1.5km/hr.)

SWING SPEED ----- 3 RPM

SINGLE LINE SPEED

Crane Hoist -----
 Dragline ----- 166 FPM (51m/min.)
 Magnet ----- 157 FPM (48m/min.)
 Third Drum (Standard Travel) ----- 200 FPM (61m/min.)
 Third Drum (Independent Travel) ----- 185 FPM (56m/min.)
 ----- 127 FPM (39m/min.)

SINGLE LINE PULL

Crane Hoist -----
 Dragline ----- 29,600 lbs. (13,427kg) SLP
 Magnet ----- 31,400 lbs. (14,243kg) SLP
 Third Drum ----- 24,800 lbs. (11,249kg) SLP
 ----- 25,500 lbs. (11,567kg) SLP

Weights

7260 Lifting crane with "S-S" counterweight and 40' (12.2m) boom with hammerhead:

- 38" (96.52cm) shoes - 167,870 lbs. (76,146kg)
- 44" (111.76cm) shoes - 170,460 lbs. (77,321kg)
- 50" (127.00cm) shoes - 173,420 lbs. (78,663kg)

Counterweight ----- 49,700 lbs. (22,544kg)
 Hammerhead ----- 2,445 lbs. (1,109kg)
 100 ton (91.7mt) crane block ----- 1,750 lbs. (794kg)
 Outer base section ----- 1,010 lbs. (458kg)
 Inner boom section ----- 2,315 lbs. (1,050kg)
 Boom stops ----- 350 lbs. (159kg)
 Outer bail assembly ----- 965 lbs. (438kg)
 Drive couplings ----- 840 lbs. (381kg)
 Crawler side frames 38" (97cm) shoes ----- 46,740 lbs. (21,201kg)
 Crawler axles ----- 7,900 lbs. (3,583kg)
 Carbody assembly ----- 11,120 lbs. (5,044kg)