



AMERICAN HC 125 Hydraulic Crawler Crane



WORKHORSE

LIFT RATINGS IN POUNDS

With 59H Open Throat Boom, 24' Floating Mast and 51,000 Pound Counterweight Fully Extended

Boom & Mast Length	Radius Feet	Boom Angle Degrees	Side Frames Retracted Pounds	Side Frames Extended Pounds	From Boom Pt. to Ground Feet
50' Boom	12	81.0	250,000*	250,000*	56
	15	77.5	220,620*	220,620*	55
	20	71.5	143,290	165,480*	54
	25	65.3	104,260	127,420	52
	30	58.8	81,610	97,880	49
	35	51.7	66,760	79,210	46
	40	43.9	56,340	66,280	41
50	22.3	42,510	49,600	25	
60' Boom	14	80.6	236,210*	236,210*	66
	15	79.6	220,500*	220,500*	66
	20	74.7	143,310	165,390*	65
	25	69.6	104,240	127,440	63
	30	64.4	81,570	97,880	61
	35	59.0	66,710	79,190	58
	40	53.2	56,310	66,260	54
50	39.8	42,510	49,620	45	
60	20.3	33,800	39,280	27	
70' Boom	16	80.3	203,170	206,570*	76
	20	76.9	143,320	165,300*	75
	25	72.7	104,220	127,460	73
	30	68.3	81,550	97,880	72
	35	63.8	66,680	79,190	69
	40	59.1	56,290	66,240	67
	50	48.9	42,500	49,630	59
60	36.7	33,810	39,310	48	
70	18.8	27,850	32,280	29	
80' Boom	17	80.8	183,940	194,360*	86
	20	78.6	143,220	165,220*	85
	25	74.9	104,090	127,360	84
	30	71.1	81,410	97,750	82
	35	67.3	66,530	79,070	80
	40	63.3	56,130	66,110	78
	50	54.9	42,330	49,480	72
60	45.5	33,640	39,150	63	
70	34.2	27,740	32,140	51	
80	17.5	23,340	27,090	30	
90' Boom	19	80.5	154,580	173,850*	95
	20	79.9	143,180	165,130*	95
	25	76.6	104,030	127,320	94
	30	73.3	81,350	97,700	93
	35	69.9	66,460	79,020	91
	40	66.5	56,080	66,050	89
	50	59.3	42,280	49,440	84
60	51.5	33,600	39,110	77	
70	42.8	27,710	32,100	67	
80	32.2	23,340	27,090	54	
90	16.5	19,990	23,220	32	
100' Boom	20	90.9	143,060	165,040*	105
	25	78.0	103,870	127,190	104
	30	75.0	81,180	97,560	103
	35	72.0	66,270	78,850	102
	40	69.0	55,890	65,860	100
	50	62.7	42,070	49,240	95
	60	56.0	33,380	38,910	89
70	48.7	27,510	31,890	81	
80	40.5	23,150	26,920	71	
90	30.5	19,820	23,060	57	
100	15.6	17,170	20,020	33	
110' Boom	22	80.7	124,190	149,880*	115
	25	79.1	103,710	127,050	115
	30	76.4	81,020	97,410	114
	35	73.7	66,100	78,700	112
	40	71.0	55,730	65,710	111
	50	65.3	41,900	49,090	107
	60	59.4	33,210	38,750	101
70	53.2	27,360	31,730	94	
80	46.3	22,990	26,770	86	
90	38.5	19,660	22,910	75	
100	29.0	17,040	19,890	60	
110	14.8	14,910	17,450	34	
120' Boom	23	81.0	116,490	136,390*	125
	25	80.0	103,530	126,910	125
	30	77.6	80,830	97,230	124
	35	75.1	65,900	78,520	123
	40	72.6	55,520	65,500	121
	50	67.5	41,680	48,880	117
	60	62.2	32,970	38,520	113
70	56.7	27,130	31,500	107	
80	50.7	22,770	26,550	99	
90	44.2	19,440	22,690	90	
100	36.8	16,820	19,680	78	
110	27.8	14,700	17,240	62	
120	14.2	12,950	15,240	36	
130' Boom	25	80.8	103,370	122,990*	135
	30	78.5	80,670	97,070	134
	35	76.3	65,720	78,360	133
	40	74.0	55,370	65,350	132
	50	69.3	41,520	48,730	128
	60	64.5	32,810	38,370	124
	70	59.5	26,990	31,350	119
80	54.2	22,620	26,410	112	
90	48.6	19,300	22,560	104	
100	42.4	16,690	19,550	94	
110	35.3	14,560	17,110	81	
120	26.6	12,830	15,120	65	
130	13.6	11,360	13,450	37	
140' Boom	27	80.6	92,710	110,670*	145
	30	79.4	80,470	96,900	144
	35	77.3	65,510	78,180	143
	40	75.2	55,160	65,140	142
	50	70.9	41,290	48,520	139
	60	66.5	32,570	38,150	135
	70	61.9	26,760	31,110	130
80	57.2	22,390	26,180	124	
90	52.1	19,060	22,330	117	
100	46.7	16,450	19,320	108	
110	40.8	14,330	16,880	98	
120	34.0	12,590	14,890	84	
130	25.6	11,120	13,210	67	
140	13.1	9,880	11,800	38	
150' Boom	28	80.8	87,970	97,490*	155
	30	80.1	80,270	96,700	154
	35	78.1	65,300	77,980	153
	40	76.2	54,960	64,940	152
	50	72.2	41,080	48,320	149
	60	68.1	32,360	37,940	146
	160' Boom	31	80.9	73,340*	73,340*
35		79.6	64,880	72,400*	174
40		77.8	54,540	64,520	173
50		74.3	40,650	47,910	170
60		70.8	31,920	37,510	167
70		67.2	26,140	30,460	163
80		63.5	21,760	25,570	159
90	59.6	18,430	21,710	153	
100	55.6	15,810	18,690	147	
110	51.4	13,690	16,260	139	
120	47.0	11,950	14,260	131	
130	42.1	10,490	12,590	120	
140	36.8	9,250	11,180	108	
150	30.7	8,180	9,960	93	
160	23.2	7,260	8,780*	73	
170	11.9	6,440	7,530*	41	
170' Boom	33	80.8	64,040*	64,040*	184
	35	80.1	63,580*	63,580*	184
	40	78.5	54,330	62,550*	183
	50	75.2	40,420	47,690	181
	60	71.9	31,670	37,280	178
	70	68.5	25,900	30,220	174
	80	65.1	21,520	25,350	170
90	61.5	18,190	21,480	165	
100	57.8	15,560	18,450	159	
110	53.9	13,440	16,010	152	
120	49.9	11,690	14,010	144	
130	45.6	10,240	12,350	135	
140	40.9	8,990	10,920	124	
150	35.7	7,920	9,710	111	
160	29.8	6,990	8,430*	96	
170	22.5	6,180	7,270*	75	
180	11.5	5,470	6,210*	42	

LIFT RATINGS IN POUNDS (continued)

With 59H Open Throat Boom, 24' Floating Mast and 51,000 Pound Counterweight Fully Extended

Boom & Mast Length	Radius Feet	Boom Angle Degrees	Side Frames Retracted Pounds	Side Frames Extended Pounds	From Boom Pt. to Ground Feet
190' Boom	34	81.0	55,980*	55,980*	194
	35	80.7	55,700*	55,700*	194
	40	79.1	54,110	54,810*	193
	50	76.0	40,190	47,470	191
	60	72.9	31,440	37,060	188
	70	69.7	25,690	29,990	185
	80	66.5	21,300	25,120	181
	90	63.1	17,960	21,260	176
	100	59.7	15,340	18,230	170
	110	56.1	13,220	15,800	164
	120	52.4	11,480	13,800	157
	130	48.5	10,010	12,120	149
	140	44.3	8,760	10,700	139
	150	39.8	7,700	9,410*	128
160	34.8	6,770	8,120*	115	
170	29.0	5,960	6,970*	98	
180	21.9	5,240	5,960*	77	
190	11.2	4,610	5,040*	43	
200' Boom	36	80.8	49,280*	49,280*	204
	40	79.7	48,570*	48,570*	203
	50	76.7	39,950	45,540*	201
	60	73.8	31,200	36,830	199
	70	70.8	25,440	29,750	195
	80	67.7	21,060	24,900	192
	90	64.6	17,710	21,010	187
	100	61.3	15,080	17,980	182
	110	58.0	12,960	15,550	176
	120	54.6	11,220	13,540	169
	130	51.0	9,750	11,870	162
	140	47.2	8,500	10,440*	153
	150	43.1	7,440	8,960*	143
	160	38.7	6,500	7,670*	131
170	33.8	5,690	6,550*	118	
180	28.3	4,980	5,580*	101	
190	21.4	4,340	4,700*	79	
200	10.9	3,780	3,910*	144	
210' Boom	38	80.7	43,610*	43,610*	214
	40	80.2	43,270*	43,270*	214
	50	77.4	39,730	40,510*	212
	60	74.6	30,970	36,610	209
	70	71.7	25,240	29,530	206
	80	68.8	20,850	24,690	202
	90	65.9	17,510	20,820	198
	100	62.8	14,870	17,780	193
	110	59.7	12,750	15,340	188
	120	56.5	11,010	13,340	182
	130	53.1	9,540	11,660	174
	140	49.6	8,300	10,140*	166
	150	46.0	7,230	8,670*	157
	160	42.0	6,300	7,390*	147
170	37.7	5,490	6,270*	135	
180	33.0	4,770	5,290*	121	
190	27.5	4,130	4,420*	103	
200	20.8	3,560	3,650*	81	
210	10.7	2,960*	2,960*	45	
220' Boom	39	80.9	38,720*	38,720*	224
	40	80.6	38,510*	38,510*	224
	50	78.0	35,940*	35,940*	222
	60	75.3	30,730	33,690*	219
	70	72.6	25,000	29,290	217
	80	69.8	20,610	24,460	213
	90	67.0	17,260	20,570	209
	100	64.2	14,630	17,540	205
	110	61.2	12,510	15,100	199
	120	58.2	10,750	13,080	193
	130	55.1	9,280	11,380*	187
	140	51.8	8,040	9,660*	179
	150	48.4	6,970	8,190*	171
	160	44.8	6,040	6,920*	161
170	41.0	5,230	5,820*	151	
180	36.8	4,500	4,850*	138	
190	32.2	3,860	3,990*	124	
200	26.9	3,240*	3,240*	106	
210	20.4	2,570*	2,570*	83	
220	10.4	1,970*	1,970*	46	
230' Boom	41	80.8	34,060*	34,060*	234
	50	78.5	32,230*	32,230*	232
	60	75.9	29,760*	29,760*	230
	70	73.4	24,780	26,690*	227
	80	70.7	20,380	24,230	224
	90	68.1	17,030	20,350	220
	100	65.4	14,390	17,310	216
	110	62.6	12,270	14,860	211
	120	59.7	10,520	12,860	205
	130	56.8	9,060	10,990*	199
	140	53.8	7,810	9,270*	192
	150	50.6	6,730	7,810*	184
	160	47.3	5,800	6,540	175
	170	43.8	4,980	5,430*	165
180	40.0	4,260	4,470*	154	
190	36.0	3,630	3,630*	141	
200	31.5	2,870*	2,870*	126	
210	26.3	2,210*	2,210*	108	
220	19.9	1,610*	1,610*	84	
230	10.2	1,090*	1,090*	47	
240' Boom	42	80.9	29,830*	29,830*	244
	50	79.0	27,070*	27,070*	242
	60	76.5	25,030*	25,030*	240
	70	74.1	22,350*	22,350*	237
	80	71.6	20,140	21,080*	234
	90	69.0	16,780	19,180*	231
	100	66.4	14,150	17,070	227
	110	63.8	12,010	14,610	222
	120	61.1	10,260	12,500*	217
	130	58.3	8,790	10,480*	211
	140	55.5	7,540	8,770*	204
	150	52.5	6,470	7,310*	197
	160	49.5	5,540	6,050*	189
	170	46.2	4,720	4,960*	180
180	42.8	4,000	4,000*	169	
190	39.2	3,160*	3,160*	158	
200	35.2	2,410*	2,410*	145	
210	30.8	1,760*	1,760*	129	
220	25.7	1,170*	1,170*	110	

LIFT RATINGS IN KILOGRAMS

With 59H Open Throat Boom, 7.3M Floating Mast and 23,134 Kg Counterweight Fully Extended

Boom & Mast Length	Radius Meters	Boom Angle Degrees	Side Frames Retracted Kilograms	Side Frames Extended Kilograms	From Boom Pt. to Ground Meters
15.2 M Boom	3.7	81.0	113,400*	113,400*	17
	4.0	79.7	113,400*	113,400*	17
	4.5	77.8	101,670*	101,670*	17
	5.0	75.8	88,390	91,510*	17
	5.5	73.8	75,960	83,170*	17
	6.0	71.9	66,550	76,260*	17
	7.0	67.8	53,230	65,380*	16
	8.0	63.7	44,240	53,770	16
	9.0	59.4	37,800	45,400	15
	10.0	54.9	32,920	39,230	14
	11.0	50.1	29,120	34,480	14
	12.0	44.9	26,070	30,700	13
	13.0	39.2	23,560	27,640	12
	14.0	32.7	21,470	25,120	10
15.0	24.7	19,670	22,960	8	
18.3 M Boom	4.3	80.6	107,140*	107,140*	20
	4.5	79.8	101,620*	101,620*	20
	5.0	78.2	88,430	91,470*	20
	5.5	76.6	75,970	83,130*	20
	6.0	75.0	66,560	76,220*	20
	7.0	71.7	53,230	65,340*	19
	8.0	68.4	44,230	53,780	19
	9.0	64.9	37,790	45,400	19
	10.0	61.4	32,900	39,230	18
	11.0	57.7	29,090	34,460	17
	12.0	53.9	26,060	30,690	17
	13.0	49.9	23,550	27,620	16
	14.0	45.6	21,450	25,110	15
	15.0	41.0	19,670	22,970	14
16.0	35.9	18,130	21,140	13	
17.0	30.0	16,810	19,560	11	
18.0	22.8	15,640	18,180	9	
21.3 M Boom	4.9	80.3	92,160	93,700*	23
	5.0	79.9	88,440	91,420*	23
	5.5	78.6	75,990	83,080*	23
	6.0	77.2	66,570	76,180*	23
	7.0	74.4	53,230	65,310*	23
	8.0	71.6	44,220	53,770	22
	9.0	68.7	37,780	45,410	22
	10.0	65.8	32,890	39,240	21
	11.0	62.8	29,080	34,460	21
	12.0	59.7	26,050	30,690	20
	13.0	56.5	23,540	27,620	20
	14.0	53.2	21,440	25,120	19
	15.0	49.8	19,660	22,970	18
	16.0	46.1	18,130	21,140	17
17.0	42.2	16,810	19,570	16	
18.0	38.0	15,640	18,190	15	
19.0	33.4	14,620	16,980	14	
20.0	28.0	13,700	15,910	12	

LIFT RATINGS IN KILOGRAMS (continued)

With 59H Open Throat Boom, 7.3M Floating Mast and 23,134 Kg Counterweight Fully Extended

Boom & Mast Length	Radius Meters	Boom Angle Degrees	Side Frames Retracted Kilograms	Side Frames Extended Kilograms	From Boom Pt. to Ground Meters	Boom & Mast Length	Radius Meters	Boom Angle Degrees	Side Frames Retracted Kilograms	Side Frames Extended Kilograms	From Boom Pt. to Ground Meters	Boom & Mast Length	Radius Meters	Boom Angle Degrees	Side Frames Retracted Kilograms	Side Frames Extended Kilograms	From Boom Pt. to Ground Meters
24.4 M Boom	5.2	80.8	83,430	88,160*	26	33.5 M Boom	24.0	47.2	10,650	12,400	27	45.7 M Boom	8.5	80.8	39,900	44,220*	47
	5.5	80.0	75,950	83,030*	26		26.0	42.3	9,580	11,160	25		9.0	80.3	37,210	43,990*	47
	6.0	78.8	66,530	76,140*	26		28.0	36.9	8,670	10,110	22		10.0	79.0	32,290	38,720	47
	7.0	76.4	53,170	65,280*	26		30.0	30.7	7,900	9,220	19		11.0	77.7	28,440	33,910	47
	8.0	74.0	44,160	53,730	25		32.0	23.0	7,230	8,440	15		12.0	76.4	25,450	30,100	47
	9.0	71.5	37,720	45,350	25	36.6 M Boom	7.0	81.0	52,840	61,860*	38		13.0	75.1	22,920	27,010	46
	10.0	69.0	32,830	39,180	25		8.0	79.4	43,890	53,510	38		14.0	73.8	20,810	24,530	46
	11.0	66.4	29,000	34,400	24		9.0	77.8	37,450	45,120	38		15.0	72.5	19,030	22,390	46
	12.0	63.8	25,990	30,620	24		10.0	76.2	32,550	38,950	38		16.0	71.2	17,490	20,550	45
	13.0	61.2	23,470	27,550	23		11.0	74.6	28,710	34,150	37		17.0	69.9	16,160	18,960	45
	14.0	58.5	21,370	25,050	23		12.0	72.9	25,710	30,350	37		18.0	68.5	14,990	17,580	45
	15.0	55.6	19,580	22,900	22		13.0	71.3	23,180	27,270	37		19.0	67.2	13,960	16,360	44
	16.0	52.7	18,060	21,080	21		14.0	69.6	21,070	24,780	36		20.0	65.8	13,130	15,280	44
	17.0	49.7	16,730	19,500	21		15.0	67.9	19,300	22,640	36		22.0	63.0	11,560	13,450	43
	18.0	46.5	15,570	18,130	20		16.0	66.2	17,760	20,810	35		24.0	60.2	10,280	12,040	42
19.0	43.1	14,540	16,910	19	17.0		64.5	16,430	19,220	35	26.0	57.2	9,220	10,810	40		
20.0	39.5	13,620	15,830	17	18.0		62.7	15,260	17,840	35	28.0	54.2	8,310	9,760	39		
22.0	31.3	12,090	14,020	15	19.0		61.0	14,230	16,620	34	30.0	51.0	7,530	8,860	38		
24.0	20.4	10,810	12,540	10	20.0		59.1	13,320	15,550	33	32.0	47.7	6,870	8,100	36		
27.4 M Boom	5.8	80.5	70,110	78,850*	29		22.0	55.4	11,820	13,720	32	34.0	44.2	6,270	7,420	34	
	6.0	80.1	66,510	76,110*	29	24.0	51.5	10,550	12,300	31	36.0	40.4	5,750	6,820	32		
	7.0	77.9	53,160	65,240*	29	26.0	47.3	9,480	11,060	29	38.0	36.4	5,290	6,290	29		
	8.0	75.8	44,130	53,700	29	28.0	42.9	8,570	10,010	27	40.0	31.9	4,880	5,820	26		
	9.0	73.6	37,680	45,330	28	30.0	38.0	7,800	9,120	24	42.0	26.7	4,500	5,390	22		
	10.0	71.4	32,800	39,160	28	32.0	32.6	7,130	8,350	22	44.0	20.4	4,170	5,010	18		
	11.0	69.2	28,980	34,380	28	34.0	26.1	6,530	7,670	18	48.8 M Boom	9.1	80.7	36,330	38,030*	50	
	12.0	66.9	25,960	30,600	27	36.0	17.6	6,010	7,070	13		10.0	79.7	32,190	37,680*	50	
	13.0	64.6	23,440	27,520	27	39.6 M Boom	7.6	80.8	46,880	55,780*		41	11.0	78.5	28,340	33,820	50
	14.0	62.3	21,350	25,030	26		8.0	80.2	43,810	53,420		41	12.0	77.3	25,360	30,000	50
	15.0	59.9	19,560	22,890	26		9.0	78.7	37,380	45,050		41	13.0	76.1	22,820	26,910	49
	16.0	57.4	18,030	21,060	25		10.0	77.3	32,470	38,880		41	14.0	74.9	20,710	24,440	49
	17.0	54.9	16,700	19,480	24		11.0	75.8	28,640	34,080		40	15.0	73.6	18,920	22,280	49
	18.0	52.3	15,550	18,110	24		12.0	74.3	25,640	30,280		40	16.0	72.4	17,380	20,440	49
	19.0	49.6	14,520	16,890	23		13.0	72.8	23,110	27,190		40	17.0	71.2	16,040	18,850	48
20.0	46.8	13,610	15,820	22	14.0		71.2	21,010	24,720	40		18.0	69.9	14,880	17,470	48	
22.0	40.7	12,090	14,000	20	15.0		69.7	19,220	22,570	39		19.0	68.7	13,850	16,250	47	
24.0	33.7	10,810	12,550	17	16.0		68.2	17,680	20,730	39		20.0	67.4	13,020	15,170	47	
26.0	25.1	9,730	11,300	14	17.0		66.6	16,360	19,150	38		22.0	64.8	11,450	13,340	46	
30.5 M Boom	6.1	80.9	64,890	74,860*	32		18.0	65.0	15,190	17,770		38	24.0	62.2	10,180	11,940	45
	7.0	79.2	53,090	65,210*	32		19.0	63.4	14,160	16,560		37	26.0	59.5	9,110	10,700	44
	8.0	77.2	44,050	53,640	32		20.0	61.7	13,320	15,480	37	28.0	56.7	8,200	9,650	43	
	9.0	75.3	37,610	45,260	32		22.0	58.4	11,760	13,660	36	30.0	53.8	7,420	8,750	41	
	10.0	73.3	32,720	39,090	31	24.0	54.9	10,480	12,240	34	32.0	50.9	6,750	7,980	40		
	11.0	71.4	28,890	34,310	31	26.0	51.3	9,410	11,000	33	34.0	47.8	6,160	7,300	38		
	12.0	69.4	25,880	30,520	31	28.0	47.5	8,520	9,960	31	36.0	44.5	5,650	6,710	36		
	13.0	67.3	23,360	27,440	30	30.0	43.4	7,740	9,060	29	38.0	41.0	5,180	6,180	34		
	14.0	65.3	21,250	24,940	30	32.0	39.0	7,060	8,280	27	40.0	37.3	4,770	5,710	31		
	15.0	63.2	19,470	22,800	29	34.0	34.1	6,480	7,610	24	42.0	33.2	4,390	5,280	29		
	16.0	61.0	17,940	20,980	29	36.0	28.5	5,960	7,020	21	44.0	28.5	4,060	4,900	25		
	17.0	58.9	16,610	19,390	28	38.0	21.5	5,500	6,490	16	46.0	23.1	3,750	4,550	21		
	18.0	56.6	15,450	18,010	27	42.7 M Boom	8.2	80.6	42,050	50,200*	44	48.0	16.0	3,470	4,190*	15	
	19.0	54.3	14,430	16,810	27		9.0	79.6	37,300	44,970	44	51.8 M Boom	9.4	80.9	33,270*	33,270*	53
	20.0	52.0	13,510	15,730	26		10.0	78.2	32,380	38,800	44		10.0	80.3	32,100	32,980*	53
22.0	47.0	12,000	13,910	24	11.0		76.8	28,540	34,000	44	11.0		79.2	28,250	32,720*	53	
24.0	41.6	10,710	12,460	22	12.0		75.4	25,540	30,190	43	12.0		78.0	25,270	29,910	53	
26.0	35.5	9,650	11,230	20	13.0		74.0	23,020	27,100	43	13.0		76.9	22,740	26,810	53	
28.0	28.3	8,750	10,180	16	14.0		72.6	20,910	24,630	43	14.0		75.8	20,620	24,360	52	
30.0	18.7	7,970	9,280	12	15.0		71.2	19,120	22,480	42	15.0		74.6	18,830	22,200	52	
33.5 M Boom	6.7	80.7	56,330	67,980*	35		16.0	69.8	17,580	20,640	42		16.0	73.5	17,290	20,360	52
	7.0	80.2	53,020	65,180*	35		17.0	68.3	16,250	19,050	42		17.0	72.3	15,950	18,770	51
	8.0	78.4	43,980	53,580	35		18.0	66.9	15,080	17,660	41		18.0	71.2	14,780	17,380	51
	9.0	76.7	37,530	45,190	35		19.0	65.4	14,060	16,460	41		19.0	70.0	13,750	16,160	51
	10.0	74.9	32,640	39,030	34		20.0	63.9	13,220	15,380	40		20.0	68.8	12,940	15,090	50
	11.0	73.1	28,810	34,240	34		22.0	60.9	11,660	13,550	39		22.0	66.4	11,380	13,250	50
	12.0	71.3	25,810	30,440	34		24.0	57.8	10,380	12,130	38		24.0	64.0	10,090	11,860	49
	13.0	69.5	23,280	27,360	33	26.0	54.5	9,300	10,890	37	26.0		61.5	9,020	10,610	48	
	14.0	67.7	21,180	24,880	33	28.0	51.1	8,410	9,850	35	28.0	58.9	8,110	9,570	46		
	15.0	65.8	19,390	22,730	33	30.0	47.6	7,630	9,950	33	30.0	56.3	7,340	8,680	45		
	16.0	63.9	17,860	20,900	32	32.0	43.8	6,950	8,180	32	32.0	53.6	6,670	7,900	44		
	17.0	62.0	16,530	19,310	32	34.0	39.8	6,370	7,510	29	34.0	50.8	6,080	7,220	42		
	18.0	60.0	15,370	17,940	31	36.0	35.3	5,850	6,920	27	36.0	47.8	5,560	6,630	40		
	19.0	58.0	14,340	16,730	30	38.0	30.3	5,380	6,380	23	38.0	44.8	5,100	6,100	38		
	20.0	56.0	13,430	15,650	30	40.0	24.4	4,970	5,910	20	40.0	41.5	4,680	5,620	36		
22.0	51.7	11,920	13,830	28	42.0	16.7	4,600	5,480	14	42.0	38.0	4,310	5,200	34			

(Continued)

LIFT RATINGS IN KILOGRAMS (continued)

With 59H Open Throat Boom, 7.3M Floating Mast and 23,134 Kg Counterweight Fully Extended

Boom & Mast Length	Radius Meters	Boom Angle Degrees	Side Frames Retracted Kilograms	Side Frames Extended Kilograms	From Boom Pt. to Ground Meters	Boom & Mast Length	Radius Meters	Boom Angle Degrees	Side Frames Retracted Kilograms	Side Frames Extended Kilograms	From Boom Pt. to Ground Meters	Boom & Mast Length	Radius Meters	Boom Angle Degrees	Side Frames Retracted Kilograms	Side Frames Extended Kilograms	From Boom Pt. to Ground Meters
51.8 M Boom (cont.)	44.0	34.3	3,980	4,820	31	61.0 M Boom	24.0	68.1	9,770	11,550	59	67.1 M Boom (cont.)	46.0	48.1	3,120	3,660*	52
	46.0	30.1	3,670	4,470	28		26.0	66.1	8,700	10,300	58		48.0	45.8	2,840	3,280*	50
	48.0	25.3	3,390	4,130*	24		28.0	64.0	7,790	9,250	57		50.0	43.3	2,580	2,930*	48
	50.0	19.4	3,130	3,750*	19		30.0	61.9	7,010	8,350	56		52.0	40.8	2,340	2,610*	46
							32.0	59.7	6,340	7,580	55		54.0	38.0	2,130	2,320*	43
54.9 M Boom	10.1	80.8	29,050*	29,050*	56	34.0	57.5	5,750	6,900	53	56.0	35.2	1,930	2,050*	41		
	11.0	79.8	28,150	28,740*	56	36.0	55.2	5,220	6,300	52	58.0	32.1	1,740	1,800*	38		
	12.0	78.7	25,170	28,430*	56	38.0	52.9	4,760	5,770	51	60.0	28.7	1,570	1,570*	34		
	13.0	77.7	22,630	26,720	56	40.0	50.5	4,350	5,300	49	62.0	24.9	1,360*	1,360*	30		
	14.0	76.6	20,510	24,260	55	42.0	48.0	3,970	4,870	47	64.0	20.4	1,170*	1,170*	25		
	15.0	75.5	18,720	22,100	55	44.0	45.4	3,640	4,440*	45	70.1 M Boom	12.5	80.8	15,450*	15,450*	71	
	16.0	74.4	17,190	20,260	55	46.0	42.7	3,330	4,010*	43		13.0	80.4	15,210*	15,210*	71	
	17.0	73.3	15,850	18,670	55	48.0	39.8	3,050	3,620*	41		14.0	79.5	14,960*	14,960*	71	
	18.0	72.2	14,680	17,280	54	50.0	36.8	2,800	3,270*	38		15.0	78.7	14,730*	14,730*	71	
	19.0	71.1	13,640	16,060	54	52.0	33.5	2,560	2,950*	36		16.0	77.9	14,290*	14,290*	71	
	20.0	70.0	12,830	14,970	54	54.0	29.9	2,340	2,650*	32		17.0	77.0	13,800*	13,800*	70	
	22.0	67.8	11,260	13,250	53	56.0	25.9	2,140	2,370*	29		18.0	76.2	13,580*	13,580*	70	
	24.0	65.5	9,980	11,750	52	58.0	21.1	1,960	2,120*	24		19.0	75.3	12,630*	12,630*	70	
	26.0	63.2	8,910	10,510	51	60.0	15.0	1,780	1,880*	18		20.0	74.5	12,320	12,410*	70	
	28.0	60.8	8,010	9,470	50	64.0 M Boom	11.6	80.7	19,780*	19,780*		65	22.0	72.8	10,760	11,970*	69
	30.0	58.4	7,230	8,570	49		12.0	80.3	19,640*	19,640*		65	24.0	71.1	9,470	11,250	68
	32.0	55.9	6,550	7,790	47		13.0	79.4	19,330*	19,330*		65	26.0	69.3	8,390	10,000	68
	34.0	53.3	5,960	7,110	46		14.0	78.5	18,870*	18,870*		65	28.0	67.6	7,480	8,950	67
	36.0	50.7	5,450	6,520	44		15.0	77.6	18,420	18,430*		65	30.0	65.8	6,700	8,050	66
	38.0	47.9	4,980	5,990	43		16.0	76.7	16,880	18,140*		64	32.0	64.0	6,020	7,270	65
	40.0	45.0	4,570	5,520	41		17.0	75.8	15,540	17,560*		64	34.0	62.2	5,440	6,590	64
	42.0	42.0	4,200	5,090	39		18.0	74.8	14,360	16,970		64	36.0	60.3	4,910	5,990	63
	44.0	38.7	3,850	4,700	36		19.0	73.9	13,330	15,750		64	38.0	58.4	4,450	5,450*	62
	46.0	35.2	3,550	4,360	34		20.0	73.0	12,530	14,660		63	40.0	56.4	4,030	4,880*	60
	48.0	31.4	3,280	3,970*	31		22.0	71.1	10,960	12,950		63	42.0	54.4	3,660	4,370*	59
	50.0	27.1	3,010	3,600*	27		24.0	69.2	9,680	11,450		62	44.0	52.4	3,320	3,900*	58
	52.0	22.0	2,780	3,260*	23		26.0	67.3	8,600	10,210		61	46.0	50.3	3,010	3,480*	56
	54.0	15.5	2,570	2,950*	17		28.0	65.3	7,690	9,160		60	48.0	48.1	2,740	3,110*	54
57.9 M Boom	10.4	81.0	25,390*	25,390*	59		30.0	63.3	6,920	8,270		59	50.0	45.9	2,470	2,760*	52
	11.0	80.3	25,210*	25,210*	59		32.0	61.3	6,250	7,490		58	52.0	43.6	2,240	2,440*	50
	12.0	79.3	24,890*	24,890*	59		34.0	59.2	5,650	6,810		57	54.0	41.1	2,020	2,150*	48
	13.0	78.3	22,530	24,500*	59		36.0	57.1	5,130	6,210		56	56.0	38.6	1,830	1,890*	46
	14.0	77.3	20,420	24,110*	59		38.0	54.9	4,670	5,680		54	58.0	35.9	1,630*	1,630*	43
	15.0	76.3	18,620	22,000	58		40.0	52.7	4,250	5,210	53	60.0	33.0	1,410*	1,410*	40	
	16.0	75.3	17,080	20,160	58		42.0	50.4	3,880	4,760*	51	62.0	29.8	1,190*	1,190*	37	
	17.0	74.2	15,740	18,560	58		44.0	48.1	3,250	4,300*	50	64.0	26.3	1,000*	1,000*	33	
	18.0	73.2	14,580	17,180	57		46.0	45.6	3,240	3,870*	48	73.2 M Boom	12.8	80.9	13,530*	13,530*	74
	19.0	72.2	13,540	15,960	57		48.0	43.0	2,960	3,490*	46		13.0	80.8	13,500*	13,500*	74
	20.0	71.1	12,730	14,870	57		50.0	40.3	2,700	3,140*	43		14.0	80.0	12,670*	12,670*	74
	22.0	69.0	11,160	13,150	56		52.0	37.5	2,470	2,820*	41		15.0	79.2	11,920*	11,920*	74
	24.0	66.9	9,880	11,650	55		54.0	34.4	2,250	2,520*	38		16.0	78.4	11,780*	11,780*	74
	26.0	64.7	8,810	10,410	54		56.0	31.1	2,050	2,250*	35		17.0	77.6	11,650*	11,650*	74
	28.0	62.5	7,910	9,360	53	58.0	27.4	1,870	2,000*	31	18.0		76.8	11,020*	11,020*	73	
	30.0	60.2	7,130	8,460	52	60.0	23.1	1,690	1,760*	27	19.0		76.0	10,930*	10,930*	73	
	32.0	57.9	6,450	7,690	51	62.0	18.0	1,540	1,550*	22	20.0		75.2	10,850*	10,850*	73	
	34.0	55.5	5,870	7,020	50	64.0	10.7	1,340*	1,340*	14	22.0		73.5	10,250*	10,250*	72	
	36.0	53.1	5,340	6,420	48	67.1 M Boom	11.9	80.9	17,560*	17,560*	68		24.0	71.9	9,350	9,730*	72
	38.0	50.6	4,880	5,880	47		12.0	80.8	17,560*	17,560*	68		26.0	70.2	8,280	9,270*	71
	40.0	48.0	4,470	5,420	45		13.0	79.9	17,280*	17,280*	68		28.0	68.6	7,360	8,830	70
	42.0	45.2	4,090	4,990	43		14.0	79.1	16,730*	16,730*	68		30.0	66.9	6,590	7,940	69
	44.0	42.3	3,750	4,600	41		15.0	78.2	16,430*	16,430*	68		32.0	65.1	5,910	7,160	68
	46.0	39.3	3,450	4,210*	39		16.0	77.3	15,910*	15,910*	67		34.0	63.4	5,320	6,480	67
	48.0	36.1	3,180	3,830*	36		17.0	76.4	15,420	15,660*	67		36.0	61.6	4,790	5,860*	66
	50.0	32.5	2,910	3,460*	33		18.0	75.6	14,250	15,160*	67		38.0	59.8	4,330	5,220*	65
	52.0	28.6	2,680	3,140*	30		19.0	74.7	13,220	14,930*	67		40.0	58.0	3,920	4,650*	64
	54.0	24.1	2,470	2,830*	26		20.0	73.8	12,420	14,560	66		42.0	56.1	3,540	4,140*	63
56.0	18.7	2,270	2,550*	120	22.0		72.0	10,850	12,850	66	44.0		54.2	3,200	3,670*	61	
61.0 M Boom	11.0	80.8	22,350*	22,350*	62		24.0	70.2	9,560	11,350	65		46.0	52.3	2,900	3,270*	60
	12.0	79.9	22,050*	22,050*	62		26.0	68.3	8,500	10,110	64		48.0	50.3	2,610	2,880*	58
	13.0	78.9	21,700*	21,700*	62		28.0	66.5	7,590	9,050	64		50.0	48.2	2,350	2,530*	56
	14.0	77.9	20,320	21,190*	62		30.0	64.6	6,810	8,150	63		52.0	46.0	2,120	2,230*	55
	15.0	77.0	18,520	20,850*	61		32.0	62.7	6,130	7,370	62		54.0	43.8	1,900	1,930*	53
	16.0	76.0	16,970	20,060	61		34.0	60.8	5,540	6,690	61		56.0	41.5	1,670*	1,670*	50
	17.0	75.0	15,630	18,460	61		36.0	58.8	5,020	6,100	59		58.0	39.1	1,420*	1,420*	48
	18.0	74.1	14,460	17,070	61		38.0	56.7	4,550	5,570	58	60.0	36.5	1,200*	1,200*	45	
	19.0	73.1	13,420	15,850	60		40.0	54.7	4,140	5,060*	57						
	20.0	72.1	12,620	14,760	60		42.0	52.5	3,760	4,540*	55						
	22.0	70.1	11,060	13,050	59		44.0	50.4	3,430	4,080*	54						