



Link-Belt® HC-218A lifting crane capacities — open throat boom

PCSA Class 12-470
Refer to Notes page 10.

Boom — tubular: 60" (1.52 m) wide, 50" (1.27 m) deep with open throat top section, 1½" (35 mm) diameter boom pendants, boom live mast, and boom midpoint suspension pendants as required.

Jib — tubular: 32" (0.81 m) wide, 24" (0.61 m) deep.

Counterweights — Refer to charts below.

Mounting — rubber tire mobile base:
FMC, 8 x 4 drive 260" (6.60 m) wheelbase
11' 0" (3.35 m) wide.

Counterweights					
"A" upper		"AB" upper		"A" bumper	
Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
21,000	9 526	33,000	14 969	13,500	6 124

Open throat boom and boom + jib machine can lift off ground unassisted, without load ①.

Standard HC-218A must be equipped with the counterweight combinations below when indicated boom and boom + jib lengths are used	Minimum/maximum boom or boom + jib lengths allowed	On outriggers							
		Over rear				Over side			
		Boom		Boom + jib		Boom		Boom + jib	
		Feet	meters	Feet	meters	Feet	meters	Feet	meters
"A" upper and "A" bumper	Minimum	40	12.19	Not applicable		40	12.19	Not applicable	
	Maximum	220	67.06			180	54.86		
"AB" upper and "A" bumper	Minimum	40	12.19	40 + 30	12.19 + 9.14	40	12.19	40 + 30	12.19 + 9.14
	Maximum	230	70.10	200 + 60	60.96 + 18.29	200	60.96	170 + 60	51.82 + 18.29
On tires ②									
"A" upper and "A" bumper	Minimum	40	12.19	Not applicable		40	12.19	Not applicable	
	Maximum	160	48.77			120	36.58		

① Limited to 95% of available stability with machine standing level on firm supporting surface.

② Air pressure in tires to be 100 p.s.i. (690 kPa).

Machine travel with open throat boom or boom + jib, with no load ①.

Standard HC-218A must be equipped with the counterweight combinations below when the indicated boom and boom + jib lengths are used.	Minimum/maximum boom or boom + jib lengths allowed	On tires ②							
		Jobsite moves at 1 m.p.h. (1.61 km/h), boom at 80° boom angle, upper facing rear only.				Over the road travel at 5 m.p.h. (8.05 km/h), boom horizontal and supported with standard suspension, and boom live mast pinned in 24' (7.32 m) position.			
		Boom		Boom + jib		Boom		Boom + jib	
		Feet	meters	Feet	meters	Feet	meters	Feet	meters
"A" upper and "A" bumper	Minimum	40	12.19	Not applicable		40	12.19	Not applicable	
	Maximum	220	67.06			130	39.62		
"AB" upper and "A" bumper	Minimum	40	12.19	40 + 30	12.19 + 9.14	40	12.19	40 + 30	12.19 + 9.14
	Maximum	230	70.10	200 + 60	60.96 + 18.29	150	45.72	120 + 60	36.58 + 18.29

① Limited to 85% of available stability with machine standing level on firm supporting surface.

② Air pressure in front and rear tires to be 100 p.s.i. (690 kPa).

Note: Hook block may be carried only when attached to mounting.

GENERAL INFORMATION ONLY



PCSA Class 70
Refer to Notes page 7.



HC-218A Lifting crane capacities — open throat boom

Boom — tubular: 60" (1.57 m) wide, 50" (1.27 m) deep with open throat top section, 1 3/8" (35 mm) boom pendants, boom live mast, and boom midpoint suspension pendants as required.

Mounting — rubber tire mobile base: FMC, 8 x 4 drive, 260" (6.60 m) wheelbase, 11'0" (3.35 m) wide.

Counterweights — Refer to charts page 1.

HC-218A open throat boom				"A" upper & "A" bumper counterweights								"AB" upper & "A" bumper counterweights							
Length	Radius		Angle Degrees	Boom point height ③		On outriggers				On tires (static)				On outriggers only					
	Feet	meters		Feet	meters	Pounds	kilograms	Over rear	Over side and 360° swing ③	Pounds	kilograms	Over rear	Over side	Pounds	kilograms	Over rear	Over side and 360° swing ③		
40' (12.19 m)	12	3.66	77.7	14.15	46' 5"	192,200	87,180	87,180	192,000	88,400	40,097	67,000	30,390	200,000	90,718	200,000	90,718		
	13	3.96	76.3	14.08	46' 2"	180,100	81,691	81,646	180,000	85,500	38,782	62,700	28,440	187,300	84,957	187,300	84,957		
	14	4.27	74.8	14.00	45' 11"	169,300	76,793	75,523	166,500	82,800	37,557	58,900	26,716	176,200	79,922	176,200	79,922		
	15	4.57	73.3	13.92	45' 8"	159,600	72,393	70,306	155,000	80,300	36,423	55,400	25,129	166,100	75,341	165,600	75,114		
	16	4.88	71.8	13.82	45' 4"	151,100	68,537	65,770	145,000	78,000	35,380	52,400	23,768	157,300	71,350	155,100	70,352		
	17	5.18	70.3	13.72	45' 0"	143,300	64,999	61,915	136,500	75,800	34,382	49,600	22,498	149,200	67,675	146,000	66,224		
	18	5.49	68.7	13.60	44' 8"	136,300	61,824	58,604	129,200	73,800	33,475	47,000	21,318	141,900	64,364	138,000	62,595		
	19	5.79	67.2	13.48	44' 3"	130,000	58,967	55,655	122,700	71,900	32,613	44,800	20,320	135,300	61,371	131,200	59,511		
	20	6.10	65.6	13.35	43' 9"	124,100	56,290	53,024	116,900	70,200	31,842	42,700	19,368	129,200	58,604	125,000	56,899		
	25	7.62	57.5	12.52	41' 1"	101,100	45,858	40,369	89,000	52,300	24,176	31,500	14,288	105,300	47,763	101,500	46,039		
	30	9.14	48.5	11.37	37' 4"	85,100	38,600	29,710	65,500	43,300	19,186	24,500	11,113	88,700	40,233	77,200	35,017		
	35	10.67	38.0	9.75	32' 0"	71,300	32,341	23,314	51,400	34,700	15,739	19,800	8,981	76,300	34,609	60,800	27,578		
40	12.19	24.1	7.23	23' 9"	58,500	26,535	19,005	41,900	29,200	13,244	16,300	7,393	60,800	27,578	49,800	22,588			
50' (15.24 m)	12	3.66	80.2	17.26	56' 7"	191,800	86,999	86,999	191,800	88,000	39,916	66,800	30,299	197,000	89,357	197,000	89,357		
	13	3.96	79.0	17.20	56' 5"	179,700	81,510	81,510	179,700	85,100	38,600	62,500	28,349	186,900	84,776	186,900	84,776		
	14	4.27	77.9	17.14	56' 3"	168,900	76,611	75,432	166,300	82,400	37,376	58,600	26,580	175,800	79,741	175,800	79,741		
	15	4.57	76.7	17.07	56' 0"	159,200	72,211	70,216	154,800	79,900	36,242	55,200	25,038	165,800	75,205	165,400	75,024		
	16	4.88	75.5	17.00	55' 9"	150,800	68,401	65,880	144,800	77,600	35,198	52,100	23,632	156,900	71,168	154,900	70,261		
	17	5.18	74.3	16.91	55' 6"	143,000	64,863	61,824	136,300	75,400	34,200	49,300	22,362	148,800	67,494	145,800	66,133		
	18	5.49	73.1	16.83	55' 2"	135,900	61,643	58,558	129,100	73,400	33,293	46,800	21,228	141,500	64,183	137,800	62,505		
	19	5.79	71.9	16.73	54' 11"	129,700	58,830	55,565	122,500	71,600	32,477	44,600	20,230	135,000	61,234	129,400	59,420		
	20	6.10	70.7	16.63	54' 7"	123,800	56,154	52,934	116,700	69,800	31,660	42,500	19,277	128,900	58,468	124,800	56,608		
	25	7.62	64.5	16.00	52' 6"	100,900	45,767	40,551	89,400	53,400	24,221	31,600	14,333	105,100	47,672	101,400	45,994		
	30	9.14	58.0	15.16	49' 9"	84,900	38,509	29,846	65,800	42,300	19,186	24,600	11,158	88,500	40,142	77,500	35,153		
	35	10.67	50.9	14.08	46' 2"	71,500	32,431	23,405	51,600	34,800	15,785	19,900	9,026	74,500	33,792	61,100	27,714		
40	12.19	43.1	12.66	42' 6"	58,800	26,671	19,141	42,200	29,300	13,290	16,400	7,438	64,200	29,120	50,000	22,679			
50	15.24	21.6	7.84	25' 9"	42,800	19,413	13,743	30,300	21,800	9,888	11,700	5,307	48,300	21,908	36,200	16,420			
60' (18.29 m)	13	3.96	80.9	20.30	66' 7"	179,600	81,465	81,465	179,600	84,900	38,509	62,400	28,304	182,400	82,738	182,400	82,738		
	14	4.27	79.9	20.25	66' 5"	168,700	76,521	75,477	166,400	82,100	37,239	58,600	26,580	175,600	79,650	175,600	79,650		
	15	4.57	78.9	20.19	66' 3"	159,100	72,166	70,261	154,900	79,800	36,105	55,200	25,038	165,800	75,114	165,400	75,024		
	16	4.88	78.0	20.13	66' 0"	150,600	68,311	65,880	144,800	77,300	35,062	52,100	23,632	156,800	71,123	154,900	70,261		
	17	5.18	77.0	20.06	65' 10"	142,800	64,773	61,824	136,300	75,200	34,110	49,300	22,362	148,700	67,449	145,800	66,133		
	18	5.49	76.0	19.99	65' 7"	135,900	61,643	58,558	129,100	73,200	33,202	46,700	21,182	141,400	64,137	137,900	62,550		
	19	5.79	75.0	19.91	65' 4"	129,500	58,740	55,610	122,600	71,300	32,341	44,600	20,230	134,900	61,189	131,000	59,420		
	20	6.10	74.0	19.82	65' 0"	123,700	56,109	52,934	116,700	69,500	31,524	42,500	19,277	128,800	58,422	124,800	56,608		
	25	7.62	69.0	19.31	63' 4"	100,700	45,676	40,527	89,900	53,600	24,312	31,800	14,424	104,900	47,581	101,300	45,948		
	30	9.14	63.8	18.65	61' 2"	84,800	38,464	30,027	66,200	42,500	19,277	24,700	11,203	88,300	40,052	77,900	35,334		
	35	10.67	58.3	17.81	58' 5"	71,800	32,567	23,541	51,900	34,900	15,830	20,000	9,071	75,900	34,427	61,400	27,850		
	40	12.19	52.5	16.76	55' 0"	59,000	26,762	19,277	42,500	29,400	13,335	16,500	7,484	66,600	30,209	50,200	22,770		
50	15.24	39.2	13.80	45' 3"	43,000	19,504	13,834	30,500	21,900	9,933	11,800	5,352	48,800	22,135	36,400	16,510			
60	18.29	19.7	8.40	27' 7"	33,300	15,104	10,568	23,300	17,000	7,711	8,700	3,946	38,000	17,236	28,000	12,700			
70' (21.34 m)	15	4.57	80.5	23.29	76' 5"	158,500	71,894	70,034	154,400	79,100	35,879	54,700	24,811	160,000	72,574	160,000	72,574		
	16	4.88	79.7	23.23	76' 3"	150,100	68,084	65,498	144,400	76,800	34,835	51,600	23,400	155,600	70,578	154,500	70,080		
	17	5.18	78.9	23.18	76' 0"	142,300	64,546	61,643	135,900	74,700	33,883	48,900	22,180	148,200	67,222	145,400	65,952		
	18	5.49	78.0	23.11	75' 10"	135,500	61,461	58,377	128,700	72,700	32,976	46,300	21,001	140,900	63,911	137,400	63,323		
	19	5.79	77.2	23.05	75' 7"	129,100	58,558	55,428	122,200	70,800	32,114	44,200	20,048	134,400	60,962	130,600	59,239		
	20	6.10	76.4	22.98	75' 5"	123,200	55,882	52,752	116,300	69,000	31,297	42,100	19,096	128,300	58,195	124,400	56,426		



HC-218A open throat boom				"A" upper & "A" bumper ① counterweights				"AB" upper & "A" bumper counterweights			
Length	Radius		Boom point height ③	On outriggers				On tires (static)			
	Feet	Meters		Over rear	Over side and 360° swing ③	Over rear	Over side	Over rear	Over side	Over rear	Over side and 360° swing ③
			Feet	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
70' (21.34 m)	25	7.62	72.1	100,300*	45,495*	90,000	40,823	53,400	24,221	31,700	14,378
	30	9.14	67.8	84,400*	38,283*	66,200	30,027	42,300	19,186	24,600	11,158
	35	10.67	63.3	71,800	32,587	51,900	23,541	37,700	15,739	19,900	9,026
	40	12.19	58.6	59,000	26,761	42,400	19,232	29,200	13,244	16,400	7,438
	50	15.24	48.4	42,900	19,459	30,500	13,834	21,800	9,888	11,700	5,307
	60	18.29	36.2	33,300	15,104	23,500	10,568	17,000	7,711	8,600	3,900
	70	21.34	18.2	26,800	12,156	18,500	8,391	13,500	6,123	6,400	2,902
	17	5.18	80.3	141,600*	64,228*	135,700*	61,552*	74,100*	33,611*	48,400*	21,953*
	18	5.49	79.6	134,900*	61,189*	128,300*	58,195*	72,100*	32,704*	45,900*	20,819*
	19	5.79	78.8	128,500*	58,286*	121,700*	55,202*	70,200*	31,842*	43,800*	19,867*
80' (24.38 m)	20	6.10	78.1	122,700*	55,655*	115,900*	52,571*	68,500*	31,071*	41,700*	18,914*
	25	7.62	74.4	99,800*	45,268*	90,000	40,823	53,200	24,131	31,500	14,288
	30	9.14	70.7	83,900*	38,056*	66,200	30,027	42,100	19,096	24,400	11,067
	35	10.67	66.8	71,600	32,477	51,800	23,496	34,500	15,648	19,700	8,935
	40	12.19	62.9	58,900	26,716	42,300	19,186	29,000	13,154	16,200	7,348
	50	15.24	54.5	42,800	19,413	30,300	13,743	21,600	9,797	11,500	5,216
	60	18.29	45.1	33,100	15,013	23,100	10,477	16,800	7,620	8,400	3,810
	70	21.34	33.8	26,600	12,065	18,400	8,346	13,400	6,078	6,300	2,857
	80	24.38	17.0	22,000	9,979	14,900	6,758	10,900	4,944	4,700	2,131
	18	5.49	80.7	127,700*	57,923*	127,700*	57,923*	71,500*	32,431*	45,400*	20,593*
90' (27.43 m)	19	5.79	80.1	125,500*	56,925*	121,200*	54,975*	69,700*	31,615*	43,400*	19,685*
	20	6.10	79.4	122,100*	55,383*	115,400*	52,344*	67,900*	30,798*	41,200*	18,688*
	25	7.62	76.2	99,300*	45,041*	89,900	40,777	53,000	24,004	31,300	14,197
	30	9.14	72.9	83,500*	37,874*	66,100	29,982	41,900	19,005	24,200	10,976
	35	10.67	69.5	71,500	32,431	51,700	23,450	34,300	15,558	19,500	8,845
	40	12.19	66.1	58,700	26,625	42,200	19,141	28,800	13,063	16,000	7,257
	50	15.24	58.9	42,600	19,323	30,200	13,698	21,400	9,706	11,300	5,125
	60	18.29	51.1	32,500	14,923	23,000	10,432	16,600	7,529	8,200	3,719
	70	21.34	42.4	26,500	12,020	18,200	8,255	13,200	5,987	6,100	2,766
	80	24.38	31.8	21,900	9,933	14,800	6,713	10,700	4,853	4,500	2,041
100' (30.48 m)	90	27.43	16.0	18,400	8,346	12,100	5,488	8,700	3,946	3,300	1,496
	20	6.10	80.5	114,900*	52,117*	114,900*	52,117*	67,600*	30,662*	40,800*	18,506*
	25	7.62	77.6	98,800*	44,814*	89,900	40,777	52,700	23,904	31,100	14,106
	30	9.14	74.6	83,000*	37,648*	65,900	29,891	41,700	18,914	23,900	10,840
	35	10.67	71.6	71,100*	32,250*	51,500	23,360	34,000	15,422	19,200	8,708
	40	12.19	68.6	58,500	26,535	42,000	19,050	28,500	12,927	15,700	7,121
	50	15.24	62.3	42,500	19,277	30,000	13,607	21,200	9,616	11,000	4,989
	60	18.29	55.6	32,700	14,832	22,700	10,296	16,300	7,393	8,000	3,628
	70	21.34	48.3	26,200	11,884	18,000	8,164	12,900	5,851	5,800	2,630
	80	24.38	40.1	21,700	9,842	14,600	6,622	10,400	4,717	4,300	1,950
110' (33.53 m)	90	27.43	30.1	15,500	7,030	12,000	5,443	8,500	3,855	3,000	1,360
	100	30.48	15.2	13,200	5,987	9,900	4,490	7,000	3,175	2,100	952
	25	7.62	78.7	97,700*	44,315*	89,900	40,777	52,600	23,858	30,900	14,016
	30	9.14	76.1	82,600*	37,466*	65,900	29,891	41,500	18,824	23,800	10,795
	35	10.67	73.4	70,600*	32,023*	51,400	23,314	33,900	15,376	19,100	8,663
	40	12.19	70.6	58,400	26,489	41,900	19,005	28,300	12,836	15,600	7,076
	50	15.24	65.0	42,300	19,186	29,900	13,562	21,000	9,525	10,900	4,944
	60	18.29	59.1	32,600	14,787	22,600	10,251	16,200	7,348	7,800	3,538
	70	21.34	52.8	26,100	11,838	17,900	8,119	12,800	5,805	5,700	2,585
	80	24.38	45.9	21,600	9,797	14,500	6,577	10,300	4,672	4,100	1,859
(continued)	90	27.43	38.2	18,100	8,210	11,900	5,397	8,400	3,810	2,900	1,315
	100	30.48	28.7	15,400	6,985	9,800	4,445	6,800	3,084	2,100	950
	110	33.53	14.5	13,200	5,987	8,200	3,719	5,600	2,540	—	—
	25	7.62	78.7	97,700*	44,315*	89,900	40,777	52,600	23,858	30,900	14,016
	30	9.14	76.1	82,600*	37,466*	65,900	29,891	41,500	18,824	23,800	10,795
	35	10.67	73.4	70,600*	32,023*	51,400	23,314	33,900	15,376	19,100	8,663
	40	12.19	70.6	58,400	26,489	41,900	19,005	28,300	12,836	15,600	7,076
	50	15.24	65.0	42,300	19,186	29,900	13,562	21,000	9,525	10,900	4,944
	60	18.29	59.1	32,600	14,787	22,600	10,251	16,200	7,348	7,800	3,538
	70	21.34	52.8	26,100	11,838	17,900	8,119	12,800	5,805	5,700	2,585

① ② ③ — Refer to page 7.

GENERAL INFORMATION ONLY



218A open throat boom

Length	218A open throat boom				"A" upper & "A" bumper counterweights						"AB" upper & "A" bumper counterweights					
	Feet	Radius meters	Angle Degrees	Boom point height meters	On outriggers			On tires (static)			On outriggers only					
					Pounds	kilograms	Over side and 360° swing kilograms	Pounds	kilograms	Over rear	Pounds	kilograms	Over side and 360° swing kilograms	Pounds	kilograms	Over side and 360° swing kilograms
120' (36.58 m)	25	7.62	79.7	38.22	89,500*	40,596*	40,596*	52,400	23,768	30,800	13,970	89,500*	40,596*	89,500*	40,596*	40,596*
	30	9.14	77.2	37.91	82,200*	37,285*	29,846	41,300	18,733	23,600	10,704	83,800*	38,011*	77,400*	35,108	35,108
	35	10.67	74.8	37.53	69,600*	31,570*	23,269	33,700	15,286	18,900	8,572	69,600*	31,570*	60,800*	27,578	27,578
	40	12.19	72.3	37.08	58,300*	26,444*	18,960	28,200	12,791	15,400	6,985	59,600*	27,034*	49,500*	22,452	22,452
	50	15.24	67.2	35.96	42,200*	19,141*	13,471	20,700	9,434	10,700	4,853	40,800*	20,593*	35,600*	16,147	16,147
	60	18.29	61.9	34.51	32,500*	14,741*	10,205	16,000	7,257	7,600	3,447	36,300*	16,465*	27,200*	12,337	12,337
	70	21.34	56.3	32.69	26,000*	11,793*	8,073	12,600	5,715	5,500	2,494	29,800*	13,517*	21,700*	9,842	9,842
	80	24.38	50.4	30.42	21,500*	9,752*	6,466	10,100	4,581	3,900	1,769	24,700*	11,203*	17,700*	8,028	8,028
	90	27.43	43.9	27.59	18,000*	8,164*	5,307	8,200	3,719	2,700	1,224	20,900*	9,480*	14,700*	6,667	6,667
	100	30.48	36.5	23.98	15,200*	6,894*	4,399	6,700	3,039	—	—	17,900*	8,119*	12,300*	5,579	5,579
	110	33.53	27.4	19.09	13,100*	5,942*	3,674	5,400	2,449	—	—	15,400*	6,985*	10,400*	4,717	4,717
	120	36.58	13.9	11.01	11,300*	5,125*	3,039	4,400	1,995	—	—	13,400*	6,078*	8,900*	4,036	4,036
130' (39.62 m)	25	7.62	80.5	41.32	82,900*	37,602*	37,602*	52,200	23,677	30,600	13,879	82,900*	37,602*	82,900*	37,602*	37,602*
	30	9.14	78.2	41.03	77,100*	34,971*	29,801	41,200	18,688	23,400	10,614	77,100*	34,971*	77,100*	34,971*	34,971*
	35	10.67	76.0	40.68	68,800*	31,207*	23,223	33,500	15,195	18,800	8,527	68,800*	31,207*	60,600*	27,487	27,487
	40	12.19	73.7	40.27	58,200*	26,399*	18,914	28,000	12,700	15,300	6,939	58,200*	26,399*	49,400*	22,407	22,407
	50	15.24	69.0	38.24	42,100*	19,096*	13,426	20,700	9,389	10,500	4,762	45,200*	20,502*	35,500*	16,102	16,102
	60	18.29	64.2	37.93	32,300*	14,651*	10,205	15,800	7,166	7,300	3,401	35,700*	16,193*	27,000*	12,246	12,246
	70	21.34	59.2	36.29	25,800*	11,702*	7,993	12,400	5,624	5,300	2,404	29,200*	13,244*	21,600*	9,797	9,797
	80	24.38	54.0	34.28	21,300*	9,661*	6,441	9,900	4,490	3,800	1,723	24,400*	11,067*	17,500*	7,937	7,937
	90	27.43	48.3	31.82	17,800*	8,073*	5,261	8,000	3,628	2,500	1,133	20,700*	9,389*	14,500*	6,577	6,577
	100	30.48	42.1	28.79	15,100*	6,849*	4,309	6,500	2,948	—	—	17,700*	8,028*	12,200*	5,533	5,533
	110	33.53	35.0	24.96	12,900*	5,851*	3,583	5,200	2,358	—	—	15,300*	6,939*	10,300*	4,672	4,672
	120	36.58	26.3	19.82	11,100*	5,034*	2,993	4,200	1,905	—	—	13,300*	6,032*	8,700*	3,946	3,946
	130	39.62	13.3	11.37	9,600*	4,354*	2,494	3,300	1,496	—	—	11,600*	5,261*	7,400*	3,356	3,356
140' (42.67 m)	30	9.14	79.1	44.14	70,700*	32,068*	29,755	41,000	18,597	23,200	10,523	70,700*	32,068*	70,700*	32,068*	32,068*
	35	10.67	77.0	43.82	62,800*	28,485*	23,178	33,300	15,104	18,600	8,436	62,800*	28,485*	60,500*	27,442	27,442
	40	12.19	74.9	43.44	56,600*	25,673*	18,869	27,800	12,609	15,100	6,849	56,600*	25,673*	49,200*	22,316	22,316
	50	15.24	70.6	42.49	41,300*	19,005*	13,335	20,500	9,298	10,300	4,672	44,400*	20,139*	35,300*	16,011	16,011
	60	18.29	66.2	41.28	32,100*	14,560*	10,115	15,600	7,076	7,300*	3,311	35,100*	15,921*	26,900*	12,201	12,201
	70	21.34	61.6	39.79	25,600*	11,611*	7,937	12,200	5,533	5,100	2,313	28,700*	13,018*	21,400*	9,706	9,706
	80	24.38	56.9	37.98	21,100*	9,570*	6,350	9,700	4,399	3,600	1,632	23,900*	10,840*	17,400*	7,892	7,892
	90	27.43	51.8	35.79	17,600*	7,983*	5,170	7,800	3,538	2,300	1,043	20,600*	9,344*	14,300*	6,486	6,486
	100	30.48	46.4	33.16	14,900*	6,758*	4,263	6,300	2,857	—	—	17,500*	7,937*	12,000*	5,443	5,443
	110	33.53	40.5	29.94	12,700*	5,760*	3,492	5,000	2,267	—	—	15,100*	6,849*	10,100*	4,581	4,581
	120	36.58	33.7	25.90	10,900*	4,944*	2,902	4,000	1,814	—	—	13,100*	5,942*	8,500*	3,855	3,855
	130	39.62	25.4	20.52	9,500*	4,309*	2,404	3,200	1,451	—	—	11,400*	5,170*	7,300*	3,311	3,311
	140	42.67	12.8	11.72	8,200*	3,719*	1,950	2,400	1,088	—	—	10,000*	4,535*	6,200*	2,812	2,812
150' (45.72 m)	30	9.14	79.8	47.24	63,000*	28,576*	28,576*	40,800	18,506	23,000	10,432	63,000*	28,576*	63,000*	28,576*	28,576*
	35	10.67	77.9	46.94	57,700*	26,172*	23,087	33,100	15,013	18,400	8,346	57,700*	26,172*	57,700*	26,172*	26,172*
	40	12.19	75.9	46.59	52,000*	23,586*	18,778	27,600	12,519	14,900	6,758	52,000*	23,586*	49,100*	22,271	22,271
	50	15.24	71.9	45.71	40,800*	18,506*	13,290	20,300	9,207	10,100	4,581	40,800*	18,506*	35,200*	15,966	15,966
	60	18.29	67.9	44.59	31,900*	14,469*	10,069	15,400	6,985	7,100	3,220	33,900*	15,376*	26,700*	12,110	12,110
	70	21.34	63.7	43.22	25,400*	11,521*	7,847	12,000	5,443	4,900	2,222	28,200*	12,791*	21,200*	9,616	9,616
	80	24.38	59.3	41.57	20,900*	9,480*	6,259	9,500	4,309	3,300	1,496	23,400*	10,614*	17,200*	7,801	7,801
	90	27.43	54.8	39.59	17,400*	7,892*	5,080	7,600	3,447	2,100	952	20,100*	9,117*	14,100*	6,395	6,395
	100	30.48	50.0	37.24	14,700*	6,667*	4,173	6,100	2,766	—	—	17,200*	7,801*	11,800*	5,352	5,352
	110	33.53	44.8	34.44	12,500*	5,669*	3,401	4,800	2,177	—	—	14,800*	6,713*	9,900*	4,490	4,490
	120	36.58	39.0	31.04	10,800*	4,898*	2,802	3,800	1,723	—	—	12,900*	5,851*	8,400*	3,810	3,810
	130	39.62	32.5	26.81	9,300*	4,218*	2,313	3,000	1,360	—	—	11,200*	5,080*	7,100*	3,220	3,220
	140	42.67	24.5	21.20	8,000*	3,628*	1,905	2,200	997	—	—	9,800*	4,445*	6,000*	2,721	2,721
	150	45.72	12.4	12.06	6,900*	3,129*	1,542	—	—	—	—	8,600*	3,900*	5,000*	2,267	2,267

① ② ③ — Refer to page 7.

GENERAL INFORMATION ONLY



HC-218A open throat boom										"A" upper & "A" bumper counterweights										"AB" upper & "A" bumper counterweights									
Length	Radius		Angle	Boom point height		On outriggers				On tires (static)				On outriggers only				On outriggers only											
	Feet	meters		Degrees	Feet	meters	Pounds	kilograms	Over rear	Over side and 360° swing	Pounds	kilograms	Over rear	Over side	Pounds	kilograms	Over rear	Over side	Pounds	kilograms									
160' (48.77 m)	30	9.14	80.5	165' 2"	50.33	58,200*	26,399*	58,200*	26,399*	40,600	18,415	22,800	10,341	58,200*	26,399*	58,200*	26,399*	58,200*	26,399*	58,200*	26,399*								
	35	10.67	78.6	164' 3"	50.05	53,500*	24,267*	53,500*	24,267*	32,900	14,923	18,200	8,255	53,500*	24,267*	53,500*	24,267*	53,500*	24,267*	53,500*	24,267*								
	40	12.19	76.8	163' 2"	49.72	48,400*	21,953*	48,400*	21,953*	27,300	12,383	14,700	6,667	48,400*	21,953*	48,400*	21,953*	48,400*	21,953*	48,400*	21,953*								
	50	15.24	73.1	160' 5"	48.90	38,100*	17,281*	38,100*	17,281*	20,000	9,071	9,900	4,490	38,100*	17,281*	38,100*	17,281*	38,100*	17,281*	38,100*	17,281*								
	60	18.29	69.3	157' 1"	47.87	31,700*	14,378*	31,700*	14,378*	15,200	6,894	6,800	3,084	31,700*	14,378*	31,700*	14,378*	31,700*	14,378*	31,700*	14,378*								
	70	21.34	65.4	152' 11"	46.60	25,200*	11,430*	25,200*	11,430*	11,800	5,352	4,700	2,131	25,200*	11,430*	25,200*	11,430*	25,200*	11,430*	25,200*	11,430*								
	80	24.38	61.4	147' 11"	45.07	20,700*	9,389*	20,700*	9,389*	9,300	4,218	3,100	1,406	20,700*	9,389*	20,700*	9,389*	20,700*	9,389*	20,700*	9,389*								
	90	27.43	57.3	141' 11"	43.27	17,200*	7,801*	17,200*	7,801*	7,300	3,311	—	—	17,200*	7,801*	17,200*	7,801*	17,200*	7,801*	17,200*	7,801*								
	100	30.48	52.9	135' 0"	41.14	14,500*	6,577*	14,500*	6,577*	5,800	2,630	—	—	14,500*	6,577*	14,500*	6,577*	14,500*	6,577*	14,500*	6,577*								
	110	33.53	48.3	128' 9"	38.64	12,300*	5,579*	12,300*	5,579*	4,600	2,086	—	—	12,300*	5,579*	12,300*	5,579*	12,300*	5,579*	12,300*	5,579*								
170' (51.82 m)	120	36.58	43.3	117' 0"	35.67	10,500*	4,762*	10,500*	4,762*	3,600	1,632	—	—	10,500*	4,762*	10,500*	4,762*	10,500*	4,762*	10,500*	4,762*								
	130	39.62	37.8	105' 4"	32.10	9,000*	4,082*	9,000*	4,082*	2,700	1,224	—	—	9,000*	4,082*	9,000*	4,082*	9,000*	4,082*	9,000*	4,082*								
	140	42.67	31.4	90' 10"	27.68	7,800*	3,538*	7,800*	3,538*	2,000	907	—	—	7,800*	3,538*	7,800*	3,538*	7,800*	3,538*	7,800*	3,538*								
	150	45.72	23.7	71' 8"	21.85	6,700*	3,039*	6,700*	3,039*	—	—	—	—	6,700*	3,039*	6,700*	3,039*	6,700*	3,039*	6,700*	3,039*								
	160	48.77	12.0	40' 8"	12.38	5,800*	2,630*	5,800*	2,630*	—	—	—	—	5,800*	2,630*	5,800*	2,630*	5,800*	2,630*	5,800*	2,630*								
	35	10.67	79.3	174' 5"	53.16	49,000*	22,226*	49,000*	22,226*	49,000*	22,226*	49,000*	22,226*	49,000*	22,226*	49,000*	22,226*	49,000*	22,226*	49,000*	22,226*								
	40	12.19	77.6	173' 5"	52.85	42,400*	19,232*	42,400*	19,232*	41,100	18,642	42,400*	19,232*	42,400*	19,232*	42,400*	19,232*	42,400*	19,232*	42,400*	19,232*								
	50	15.24	74.1	170' 10"	52.08	34,900*	15,830*	34,900*	15,830*	28,900	13,108	34,900*	15,830*	34,900*	15,830*	34,900*	15,830*	34,900*	15,830*	34,900*	15,830*								
	60	18.29	70.6	167' 8"	51.11	29,500*	13,380*	29,500*	13,380*	21,800	9,888	29,500*	13,380*	29,500*	13,380*	29,500*	13,380*	29,500*	13,380*	29,500*	13,380*								
	70	21.34	67.0	163' 10"	49.93	23,000*	10,432*	23,000*	10,432*	16,900	7,665	23,000*	10,432*	23,000*	10,432*	23,000*	10,432*	23,000*	10,432*	23,000*	10,432*								
180' (54.86 m)	80	24.38	63.3	159' 2"	48.51	19,600*	8,890*	19,600*	8,890*	13,400	6,078	19,600*	8,890*	13,400	6,078	19,600*	8,890*	13,400	6,078	19,600*	8,890*								
	90	27.43	59.4	153' 8"	46.85	17,000*	7,711*	17,000*	7,711*	10,800	4,898	17,000*	7,711*	10,800	4,898	17,000*	7,711*	10,800	4,898	17,000*	7,711*								
	100	30.48	55.4	147' 4"	44.90	14,300*	6,466*	14,300*	6,466*	8,700	3,946	14,300*	6,466*	8,700	3,946	14,300*	6,466*	8,700	3,946	14,300*	6,466*								
	110	33.53	51.2	139' 10"	42.63	12,100*	5,488*	12,100*	5,488*	7,100	3,220	12,100*	5,488*	7,100	3,220	12,100*	5,488*	7,100	3,220	12,100*	5,488*								
	120	36.58	46.7	131' 2"	39.98	10,300*	4,672*	10,300*	4,672*	5,800	2,630	10,300*	4,672*	5,800	2,630	10,300*	4,672*	5,800	2,630	10,300*	4,672*								
	130	39.62	41.9	120' 11"	36.86	8,800*	3,991*	8,800*	3,991*	4,700	2,131	8,800*	3,991*	4,700	2,131	8,800*	3,991*	4,700	2,131	8,800*	3,991*								
	140	42.67	36.6	108' 8"	33.13	7,600*	3,447*	7,600*	3,447*	3,700	1,678	7,600*	3,447*	3,700	1,678	7,600*	3,447*	3,700	1,678	7,600*	3,447*								
	150	45.72	30.5	93' 7"	28.53	6,500*	2,948*	6,500*	2,948*	2,900	1,315	6,500*	2,948*	2,900	1,315	6,500*	2,948*	2,900	1,315	6,500*	2,948*								
	160	48.77	23.0	73' 9"	22.48	5,600*	2,540*	5,600*	2,540*	2,200	997	5,600*	2,540*	2,200	997	5,600*	2,540*	2,200	997	5,600*	2,540*								
	170	51.82	11.6	41' 8"	12.70	4,700*	2,131*	4,700*	2,131*	—	—	—	—	4,700*	2,131*	4,700*	2,131*	—	—	—	—								
190' (57.91 m)	35	10.67	79.9	184' 7"	56.26	42,900*	19,459*	42,900*	19,459*	42,900*	19,459*	42,900*	19,459*	42,900*	19,459*	42,900*	19,459*	42,900*	19,459*	42,900*	19,459*								
	40	12.19	78.3	183' 7"	55.96	39,100*	17,735*	39,100*	17,735*	39,100*	17,735*	39,100*	17,735*	39,100*	17,735*	39,100*	17,735*	39,100*	17,735*	39,100*	17,735*								
	50	15.24	75.0	181' 3"	55.24	32,300*	14,651*	32,300*	14,651*	28,700	13,018	32,300*	14,651*	28,700	13,018	32,300*	14,651*	28,700	13,018	32,300*	14,651*								
	60	18.29	71.7	178' 3"	54.33	27,400*	12,428*	27,400*	12,428*	21,600	9,797	27,400*	12,428*	21,600	9,797	27,400*	12,428*	21,600	9,797	27,400*	12,428*								
	70	21.34	68.3	174' 7"	53.22	20,500*	9,298*	20,500*	9,298*	16,700	7,574	20,500*	9,298*	16,700	7,574	20,500*	9,298*	16,700	7,574	20,500*	9,298*								
	80	24.38	64.8	170' 3"	51.90	17,800*	8,073*	17,800*	8,073*	13,200	5,987	17,800*	8,073*	13,200	5,987	17,800*	8,073*	13,200	5,987	17,800*	8,073*								
	90	27.43	61.3	165' 2"	50.35	16,100*	7,302*	16,100*	7,302*	10,600	4,808	16,100*	7,302*	10,600	4,808	16,100*	7,302*	10,600	4,808	16,100*	7,302*								
	100	30.48	57.6	159' 4"	48.55	14,100*	6,395*	14,100*	6,395*	8,500	3,855	14,100*	6,395*	8,500	3,855	14,100*	6,395*	8,500	3,855	14,100*	6,395*								
	110	33.53	53.7	152' 6"	46.47	11,900*	5,597*	11,900*	5,597*	6,900	3,129	11,900*	5,597*	6,900	3,129	11,900*	5,597*	6,900	3,129	11,900*	5,597*								
	120	36.58	49.7	144' 7"	44.06	10,100*	4,581*	10,100*	4,581*	5,600	2,540	10,100*	4,581*	5,600	2,540	10,100*	4,581*	5,600	2,540	10,100*	4,581*								
190' (57.91 m)	130	39.62	45.3	135' 5"	41.27	8,600*	3,906*	8,600*	3,906*	4,500	2,041	8,600*	3,906*	4,500	2,041	8,600*	3,906*	4,500	2,041	8,600*	3,906*								
	140	42.67	40.7	124' 8"	38.00	7,400*	3,356*	7,400*	3,356*	3,500	1,587	7,400*	3,356*	3,500	1,587	7,400*	3,356*	3,500	1,587	7,400*	3,356*								
	150	45.72	35.5	111' 11"	34.12	6,300*	2,857*	6,300*	2,857*	2,700	1,224	6,300*	2,857*	2,700	1,224	6,300*	2,857*	2,700	1,224	6,300*	2,857*								
	160	48.77	29.6	96' 3"	29.34	5,300*	2,404*	5,300*	2,404*	2,000	907	5,300*	2,404*	2,000	907	5,300*	2,404*	2,000	907	5,300*	2,404*								
	170	51.82	22.3	75' 9"	23.09	4,500*	2,041*	4,500*	2,041*	—	—	—	—	4,500*	2,041*	4,500*	2,041*	—	—	—	—								
	180	54.86	11.3	42' 8"	13.01	3,800*	1,723*	3,800*	1,723*	—	—	—	—	3,800*	1,723*	3,800*	1,723*	—	—	—	—								
	35	10.67	80.5	194' 9"	59.35	38,700*	17,554*	38,700*	17,554*	38,700*	17,554*	38,700*	17,554*	38,700*	17,554*	38,700*	17,554*	38,700*	17,554*	38,700*	17,554*								
	40	12.19	78.9	193' 10"	59.07	36,000*	16,329*	363																					



H 3A open throat boom				"A" upper & "A" counterweights				"AB" upper & "A" bumper counterweights						
Length	Radius		Angle Degrees	Boom point height ③		On outriggers				On tires (static)				
	Feet	meters		Over rear		Over side and 360° swing ③		Over rear		Over side				
				Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms			
190' (57.91 m)	100	30.48	59.5	171' 0"	52.13	13,900	6,304	8,300	3,764	14,200*	6,441*	11,000	4,989	
	110	33.53	55.9	164' 8"	50.20	11,700	5,307	6,700	3,039	12,400*	5,624*	9,100	4,127	
	120	36.58	52.2	157' 5"	47.99	9,900	4,490	5,400	2,449	11,100*	5,034*	7,500	3,401	
	130	39.62	48.3	149' 1"	45.45	8,400	3,810	4,200	1,905	9,800*	4,445*	6,200	2,812	
	140	42.67	44.1	139' 6"	42.52	7,100	3,220	3,300	1,496	8,800*	3,991*	5,100	2,313	
	150	45.72	39.6	128' 4"	39.12	6,100	2,766	2,500	1,133	7,700	3,492	4,200	1,905	
	160	48.77	34.5	115' 1"	35.08	5,100	2,313	—	—	6,700	3,039	3,400	1,542	
	170	51.82	28.8	98' 11"	30.14	4,300	1,950	—	—	5,800	2,630	2,700	1,224	
	180	54.86	21.7	77' 8"	23.68	3,600	1,632	—	—	5,000	2,267	2,000	907	
	190	57.91	11.0	43' 8"	13.30	2,900	1,315	—	—	4,300	1,950	—	—	
200' (60.96 m)	35	10.67	80.9	204' 10"	62.44	34,900*	15,830*	34,900*	15,830*	34,900*	15,830*	34,900*	15,830*	
	40	12.19	79.5	204' 0"	62.18	32,700*	14,832*	32,700*	14,832*	32,700*	14,832*	32,700*	14,832*	
	50	15.24	76.6	201' 10"	61.53	27,300*	12,383*	27,300*	12,383*	27,300*	12,383*	27,300*	12,383*	
	60	18.29	73.6	199' 2"	60.72	20,500*	9,298*	20,500*	9,298*	20,500*	9,298*	20,500*	9,298*	
	70	21.34	70.6	196' 0"	59.73	17,200*	7,801*	16,300	7,393	17,200*	7,801*	17,200*	7,801*	
	80	24.38	67.5	192' 2"	58.56	15,000*	6,803*	12,800	5,805	15,000*	6,803*	15,000*	6,803*	
	90	27.43	64.4	187' 8"	57.20	13,600*	6,168*	10,200	4,626	13,600*	6,168*	13,100	5,942	
	100	30.48	61.2	182' 6"	55.63	12,500*	5,669*	8,100	3,674	12,500*	5,669*	10,700	4,853	
	110	33.53	57.8	176' 8"	53.84	11,100*	5,034*	6,500	2,948	11,100*	5,034*	8,800	3,991	
	120	36.58	54.4	169' 11"	51.79	9,700*	4,399*	5,100	2,313	9,700*	4,399*	7,300	3,311	
210' (64.01 m)	130	39.62	50.8	162' 3"	49.46	8,200	3,719	4,000	1,814	8,600*	3,900*	6,000	2,721	
	140	42.67	47.0	153' 6"	46.80	6,900	3,129	3,100	1,406	7,700*	3,492*	4,900	2,222	
	150	45.72	42.9	143' 6"	43.74	5,800	2,630	2,300	1,043	7,000*	3,175*	3,900	1,769	
	160	48.77	38.5	131' 11"	40.20	4,900	2,222	—	—	6,200*	2,812*	3,100	1,406	
	170	51.82	33.6	118' 2"	36.01	4,100	1,859	—	—	5,600*	2,540*	2,400	1,088	
	180	54.86	28.1	101' 5"	30.91	3,400	1,542	—	—	4,700	2,131	—	—	
	190	57.91	21.2	79' 7"	24.26	2,700	1,224	—	—	4,000	1,814	—	—	
	200	60.96	10.7	44' 7"	13.59	2,200	997	—	—	3,400	1,542	—	—	
	Not applicable													
	210' (64.01 m)	40	12.19	80.0	214' 2"	65.27	29,600*	13,426*	29,600*	13,426*	29,600*	13,426*	29,600*	13,426*
50		15.24	77.2	212' 2"	64.66	24,900*	11,294*	24,900*	11,294*	24,900*	11,294*	24,900*	11,294*	
60		18.29	74.4	209' 7"	63.89	18,800*	8,527*	18,800*	8,527*	18,800*	8,527*	18,800*	8,527*	
70		21.34	71.5	206' 7"	62.95	15,600*	7,076*	15,600*	7,076*	15,600*	7,076*	15,600*	7,076*	
80		24.38	68.6	202' 11"	61.85	13,300*	6,032*	12,600	5,715	13,300*	6,032*	13,300*	6,032*	
90		27.43	65.7	198' 8"	60.57	11,900*	5,397*	10,000	4,535	11,900*	5,397*	11,900*	5,397*	
100		30.48	62.6	193' 10"	59.09	10,900*	4,944*	7,900	3,583	10,900*	4,944*	10,500	4,762	
110		33.53	59.5	188' 4"	57.41	9,700*	4,399*	6,300	2,857	9,700*	4,399*	8,600	3,900	
120		36.58	56.3	182' 1"	55.50	8,600*	3,900*	4,900	2,222	8,600*	3,900*	7,100	3,220	
130		39.62	53.0	175' 0"	53.33	7,600*	3,447*	3,800	1,723	7,600*	3,447*	5,800	2,630	
220' (67.06 m)	140	42.67	49.5	166' 11"	50.88	6,700	3,039	2,800	1,270	6,800*	3,084*	4,700	2,131	
	150	45.72	45.8	157' 10"	48.10	5,600	2,540	2,000	907	6,100*	2,766*	3,700	1,678	
	160	48.77	41.8	147' 5"	44.92	4,700	2,131	—	—	5,400*	2,449*	2,900	1,315	
	170	51.82	37.5	135' 4"	41.25	3,800	1,723	—	—	4,900*	2,222*	2,200	997	
	180	54.86	32.8	121' 2"	36.92	3,100	1,406	—	—	4,400*	1,995*	—	—	
	190	57.91	27.4	103' 11"	31.66	2,500	1,133	—	—	3,800	1,723	—	—	
	200	60.96	20.7	81' 5"	24.82	—	—	—	—	3,200	1,451	—	—	
	210	64.01	10.5	45' 6"	13.88	—	—	—	—	2,600	1,179	—	—	
	220' (67.06 m)	40	12.19	80.4	224' 4"	68.37	26,600*	12,065*	26,600*	12,065*	26,600*	12,065*	26,600*	12,065*
50		15.24	77.8	222' 5"	67.78	20,700*	9,389*	20,700*	9,389*	20,700*	9,389*	20,700*	9,389*	
60		18.29	75.1	220' 0"	67.05	17,200*	7,801*	17,200*	7,801*	17,200*	7,801*	17,200*	7,801*	
70		21.34	72.4	217' 1"	66.16	14,200*	6,441*	14,200*	6,441*	14,200*	6,441*	14,200*	6,441*	
80		24.38	69.7	213' 7"	65.11	11,900*	5,397*	11,900*	5,397*	11,900*	5,397*	11,900*	5,397*	
90		27.43	66.8	209' 8"	63.90	10,400*	4,717*	9,700	4,399	10,400*	4,717*	10,400*	4,717*	
100		30.48	64.0	205' 1"	62.50	9,400*	4,263*	7,700	3,492	9,400*	4,263*	9,400*	4,263*	
110		33.53	61.0	199' 10"	60.92	8,600*	3,900*	6,000	2,721	8,600*	3,900*	8,400	3,810	
120		36.58	58.0	194' 0"	59.12	7,700*	3,492*	4,700	2,131	7,700*	3,492*	6,800	3,084	

① ② ③ — Refer to page 7.

GENERAL INFORMATION ONLY



HC-218A open throat boom									
Length	Radius		Angle Degrees	Boom point height ③		"A" upper & "A" bumper ① counterweights			
						On outriggers		On tires (static)	
	Feet	meters		Feet	meters	Over rear Pounds	Over side and 360° swing ④ kilograms	Over rear Pounds	Over side and 360° swing ④ kilograms
220' (67.06 m)	130	39.62	54.9	187' 4"	57.10	6,700*	3,039*	6,700*	3,039*
	140	42.67	51.7	179' 11"	54.83	6,000*	2,721*	6,000*	2,721*
	150	45.72	48.2	171' 6"	52.27	5,400*	2,449*	5,400*	2,449*
	160	48.77	44.7	162' 0"	49.37	4,400	1,995	4,800*	2,177*
	170	51.82	40.8	151' 2"	46.07	3,600	1,632	4,300*	1,950*
	180	54.86	36.7	138' 8"	42.27	2,900	1,315	3,900*	1,769*
	190	57.91	32.0	124' 1"	37.81	2,300	1,043	3,600*	1,632*
	200	60.96	26.7	106' 3"	32.40	—	—	2,900	1,315
	210	64.01	20.2	83' 3"	25.37	—	—	2,400	1,088
	220	67.06	12.9	60' 6"	18.45	—	—	—	—
230' (70.10 m)	40	12.19	80.9	234' 5"	71.46	—	—	24,100*	10,931*
	50	15.24	78.3	232' 7"	70.90	—	—	18,700*	8,482*
	60	18.29	75.8	230' 4"	70.20	—	—	15,800*	7,166*
	70	21.34	73.2	227' 6"	69.35	—	—	13,000*	5,896*
	80	24.38	70.6	224' 3"	68.35	—	—	10,700*	4,853*
	90	27.43	67.9	220' 6"	67.20	—	—	9,100*	4,127*
	100	30.48	65.2	216' 2"	65.88	—	—	8,200*	3,719*
	110	33.53	62.4	211' 2"	64.38	—	—	7,200*	3,265*
	120	36.58	59.6	205' 8"	62.69	—	—	6,500*	2,948*
	130	39.62	56.6	199' 5"	60.79	—	—	5,800*	2,630*
240' (73.15 m)	140	42.67	53.6	192' 6"	58.66	—	—	5,200*	2,358*
	150	45.72	50.4	184' 8"	56.28	—	—	4,700*	2,131*
	160	48.77	47.1	175' 11"	53.61	—	—	4,200*	1,905*
	170	51.82	43.6	166' 0"	50.60	—	—	3,800*	1,723*
	180	54.86	39.9	154' 10"	47.19	—	—	3,500*	1,587*
	190	57.91	35.8	141' 11"	43.27	—	—	3,100*	1,406*
	200	60.96	31.3	126' 11"	38.67	—	—	2,700	1,224
	210	64.01	26.1	108' 8"	33.11	—	—	2,100	952
	220	67.06	12.9	80' 6"	24.40	—	—	—	—
	230	70.10	12.9	60' 6"	18.45	—	—	—	—

① Applicable only to machines with booms 40' (12.19 m) through 220' (67.06 m) long — without jib. "AB" upper and "A" bumper counterweights are required for boom 230' (70.10 m) long — without jib, and booms 40' (12.19 m) through 200' (60.96 m) — with jib. Jib is not

permitted on boom when machine is equipped with "A" upper and "A" bumper counterweights.

② Measured vertically from center of boom head sheave to ground with machine standing on tires.

③ Capacities for 360° swing applicable only when front center jack and front and rear outriggers are set in proper working position.

GENERAL INFORMATION ONLY

1. The capacities included in this chart are the maximum allowable, and are based on machine standing level on firm supporting surface under ideal job conditions. Capacities are based on 85% of minimum tipping loads unless marked with an asterisk (*).

a. Asterisk indicates capacities are based on factors other than those which would cause a tipping condition.

2. Capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, supporting surface conditions, inflation of tires, and operating speeds. Operator must reduce load ratings accordingly to take such conditions into account. Deduction from rated capacities must be made for weight of jib, hook block, ball/hook, sling.

3. Boom lengths exceeding 150' (45.72 m) — boom midpoint suspension pendants required.

4. Main boom lengths must not exceed 230' (70.10 m).

5. For lifting 200,000# (90,720 kg), 10 parts of 7/8" (22 mm) diameter, Type "N" wire rope are required. Check parts of line required for all capacities.

6. Jib cannot be used on boom lengths less than 40' (12.19 m) or longer than 200' (60.96 m).

7. Refer to charts page 1 when rigging machine with boom and boom plus jib.

8. Machine equipped with "AB" upper counterweight — do not swing over side until outriggers have been set.

9. Telescopic boom live mast, pinned in the extended (24' — 7.32 m) position, required for all open throat boom

capacities.

10. Least stable position is over side.

11. When handling loads on main load hoist line with jib mounted on boom, reduce rated boom capacities as follows to compensate for jib weights —

30' (9.14 m) jib — 2,000# (907 kg)

45' (13.72 m) jib — 2,400# (1,089 kg)

60' (18.29 m) jib — 3,200# (1,452 kg)

12. Capacities apply only to the machine as originally manufactured and normally equipped by FMC Corporation, Cable Crane and Excavator Division.



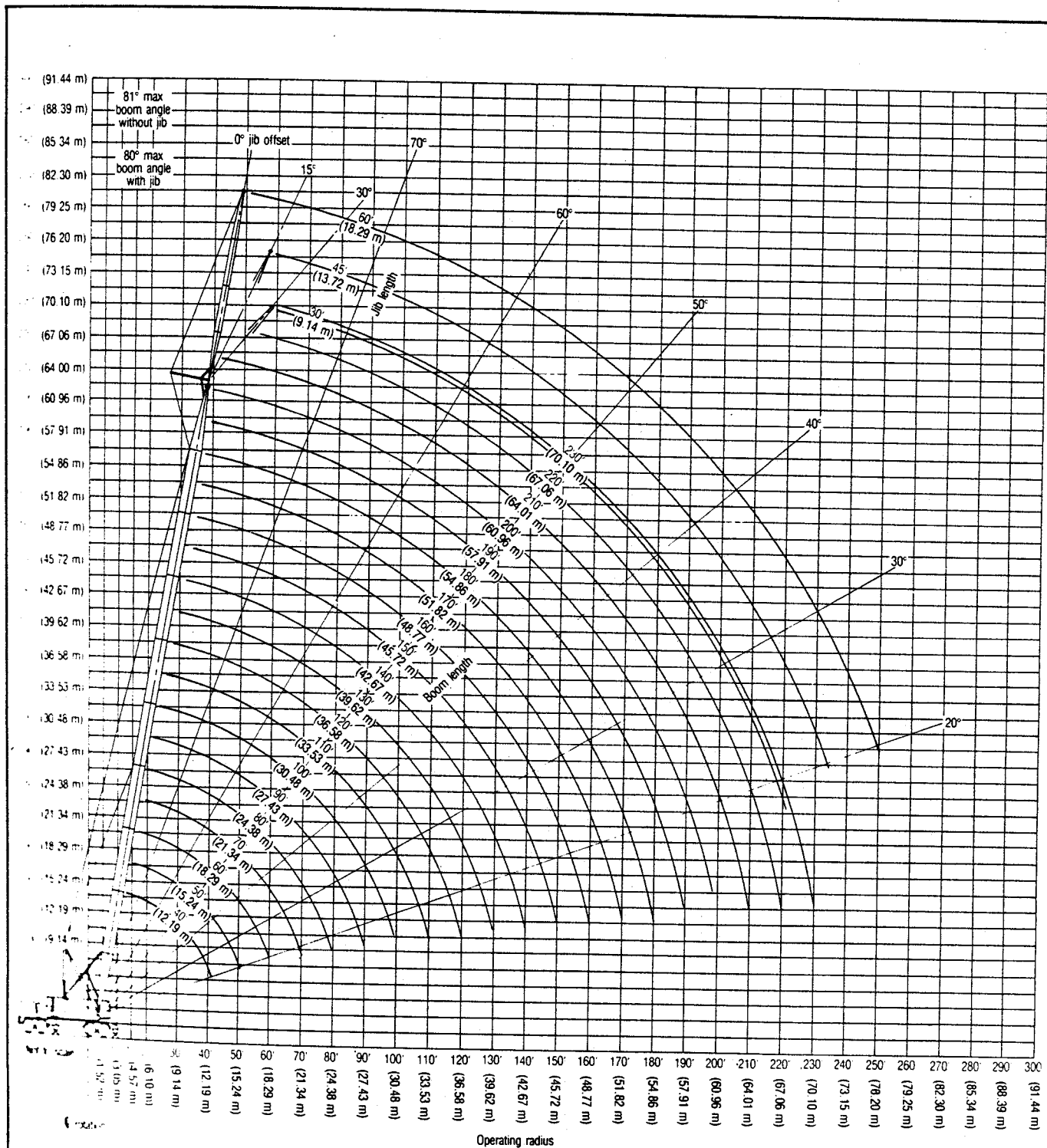
HC-218A boom/jib working ranges — open throat boom

Boom — tubular: 60" (1.52 m) wide, 50" (1.27 m) deep with open throat top section, 1 $\frac{3}{8}$ " (35 mm) boom pendants, boom live mast, and boom midpoint suspension pendants as required.

Jib — tubular: 32" (0.81 m) wide, 24" (0.61 m) deep.

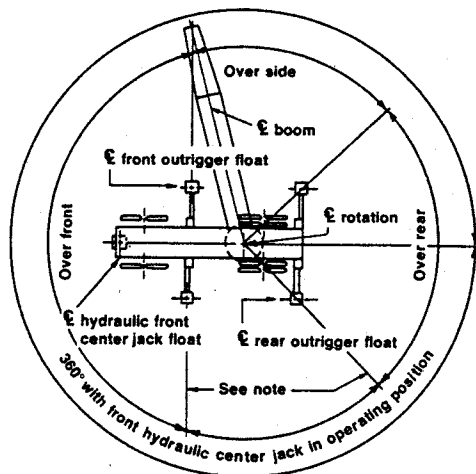
Counterweights — Refer to charts page 1.

Mounting — rubber tire mobile base:
FMC, 8 x 4 drive, 260" (6.60 m) wheelbase,
11' 0" (3.35 m) wide.

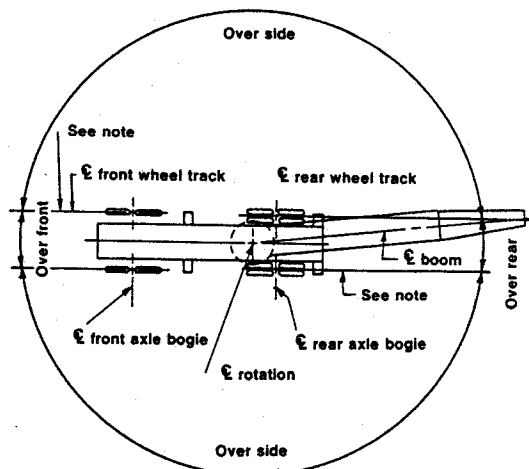




HC-218A working areas



Rubber tire mobile base on outriggers



Rubber tire mobile base on tires

Note: These lines determine the limiting position of any load for operation within working areas indicated.

GENERAL INFORMATION ONLY



We are constantly improving our products and therefore reserve the right to change designs and specifications.

WCC