



100 TON

Lattice Boom Truck Crane



40' to 180' Main Boom
30' to 60' Jib
Jib Offsets: 0 – 15 – 30 Degrees



Notes:





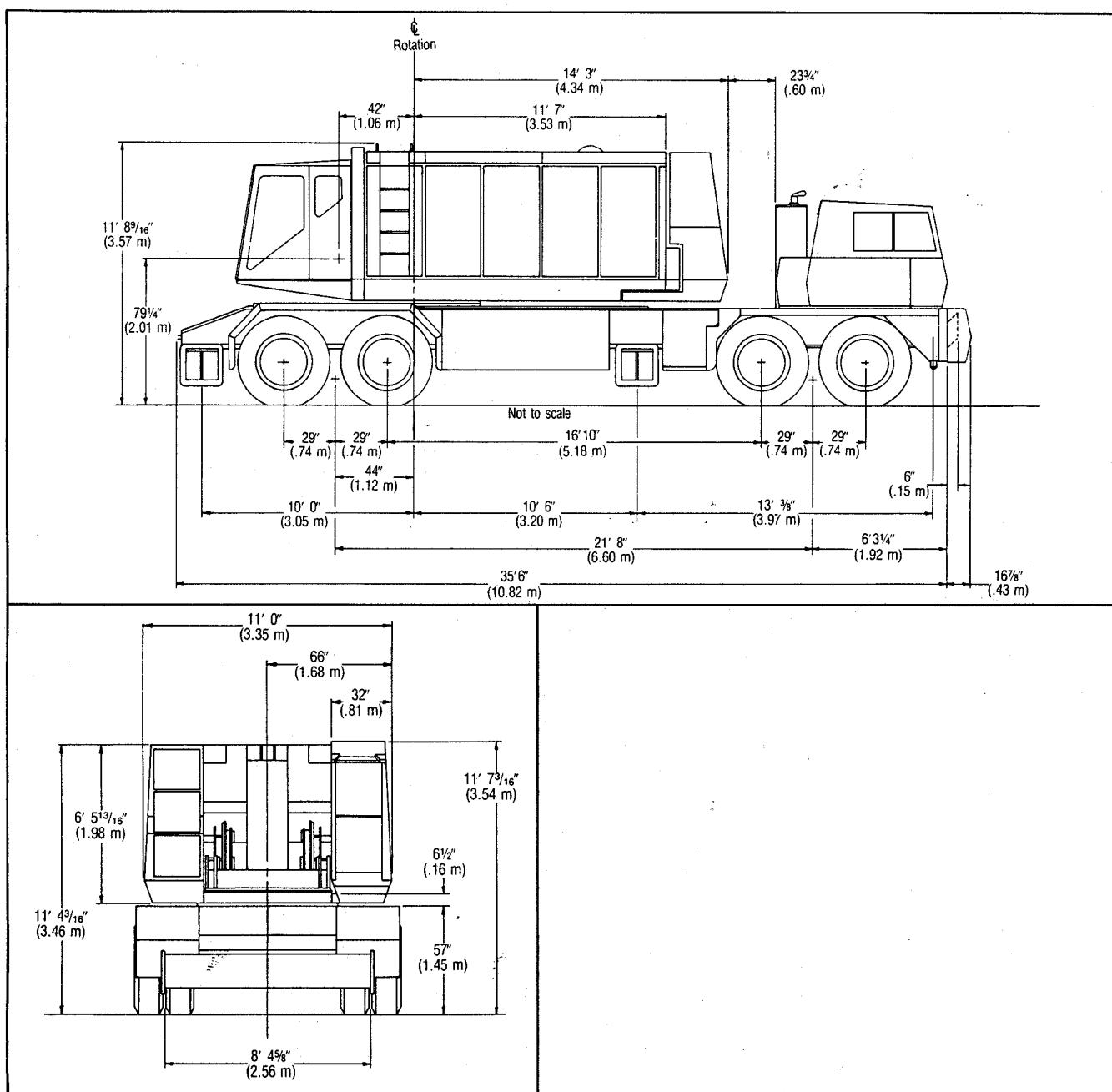
General Specifications

Link-Belt® 100-ton (90.70 metric ton)

Wire rope truck crane

HC-218A

GENERAL INFORMATION ONLY





HC-218A open throat boom				"A" upper & "A" bumper counterweights										"AB" upper & "A" bumper counterweights											
Length	Radius Feet	Radius meters	Angle Degrees	Boom point height Feet	Boom point height meters	On outriggers					On tires (static)					On outriggers only					Over side and 360° swing				
						Over rear		Over side and 360° swing		Over rear	Over side		Over rear	Over side		Over rear		Over side		Over rear	Over side and 360° swing		Over rear	Over side and 360° swing	
						Pounds	kilograms	Pounds	kilograms		Pounds	kilograms		Pounds	kilograms	Pounds	kilograms	Pounds	kilograms		Pounds	kilograms		Pounds	kilograms
70' (21.34 m)	25	7.62	72.1	74' 0"	22.54	100,300*	45,495*	90,000	40,823	53,400	24,221	14,378	104,500*	47,400*	101,000*	45,812*	77,900	35,334	77,900	35,334	101,000*	45,812*	77,900	35,334	
	30	9.14	67.8	72' 2"	21.99	84,400*	38,283*	66,200	30,027	42,300	19,186	11,158	87,900*	39,870*	87,900*	39,870*	75,600*	34,291*	75,600*	34,291*	87,900*	39,870*	75,600*	34,291*	
	35	10.67	63.3	69' 10"	21.29	71,800	32,567	51,900	23,541	34,700	15,739	9,026	66,200*	30,027*	66,200*	30,027*	50,200	22,770	50,200	22,770	66,200*	30,027*	50,200	22,770	
	40	12.19	58.6	67' 1"	20.45	59,000	26,761	42,400	19,232	29,200	13,244	7,438	48,800	22,135	48,800	22,135	36,400	16,510	36,400	16,510	48,800	22,135	36,400	16,510	
	50	15.24	48.4	59' 8"	18.19	42,900	19,459	30,500	13,834	21,800	9,888	5,307	38,000	17,236	38,000	17,236	28,000	12,700	28,000	12,700	38,000	17,236	28,000	12,700	
	60	18.29	36.2	48' 8"	14.84	33,300	15,104	23,300	10,568	17,000	7,711	4,300	30,700	13,925	30,700	13,925	22,400	10,160	22,400	10,160	30,700	13,925	22,400	10,160	
	70	21.34	18.2	29' 2"	8.90	26,800	12,156	18,500	8,391	13,500	6,123	3,400	24,400	11,060	24,400	11,060	18,000	8,165	18,000	8,165	24,400	11,060	18,000	8,165	
80' (24.38 m)	17	5.18	80.3	86' 2"	26.27	141,600*	64,228*	135,700*	61,552*	74,100*	33,611*	19,953*	141,600*	64,228*	141,600*	64,228*	104,000	47,145	104,000	47,145	141,600*	64,228*	104,000	47,145	
	18	5.49	79.6	86' 0"	26.22	134,900*	61,199*	128,300*	58,195*	72,100*	32,704*	19,853*	138,800*	62,958*	138,800*	62,958*	103,000	46,736	103,000	46,736	138,800*	62,958*	103,000	46,736	
	19	5.79	78.8	85' 10"	26.16	128,500*	58,286*	121,700*	55,202*	70,200*	31,842*	19,867*	133,900*	60,736*	133,900*	60,736*	102,000	46,240	102,000	46,240	133,900*	60,736*	102,000	46,240	
	20	6.10	78.1	85' 8"	26.10	122,700*	55,655*	115,900*	52,571*	68,500*	31,071*	19,914*	127,800*	57,969*	127,800*	57,969*	101,000	45,812*	101,000	45,812*	127,800*	57,969*	101,000	45,812*	
	25	7.62	74.4	84' 5"	25.73	99,800*	45,288*	90,000	40,823	53,200	24,131	14,298	104,000*	47,173*	104,000*	47,173*	77,800	35,289	77,800	35,289	104,000*	47,173*	77,800	35,289	
	30	9.14	70.7	82' 10"	25.25	83,900*	38,056*	66,200	30,027	42,100	19,096	10,667	87,500*	39,689*	87,500*	39,689*	61,200	27,759	61,200	27,759	87,500*	39,689*	61,200	27,759	
	35	10.67	66.8	80' 11"	24.65	71,600	32,477	51,800	23,496	34,500	15,648	8,935	74,900*	33,974*	74,900*	33,974*	50,100	22,724	50,100	22,724	74,900*	33,974*	50,100	22,724	
90' (27.43 m)	40	12.19	62.9	78' 6"	23.94	58,900	26,716	42,300	19,186	29,000	13,154	7,348	64,400*	29,211*	64,400*	29,211*	46,200	21,000	46,200	21,000	64,400*	29,211*	46,200	21,000	
	50	15.24	54.5	72' 5"	22.08	42,800	19,413	30,300	13,743	21,600	9,797	5,216	48,600	22,044	48,600	22,044	36,200	16,420	36,200	16,420	48,600	22,044	36,200	16,420	
	60	18.29	45.1	64' 0"	19.50	33,100	15,013	23,100	10,477	16,800	7,620	4,300	37,800	17,145	37,800	17,145	27,900	12,655	27,900	12,655	37,800	17,145	27,900	12,655	
	70	21.34	33.8	51' 10"	15.80	26,600	12,069	18,400	8,346	13,400	6,078	3,400	30,600	13,878	30,600	13,878	22,300	10,115	22,300	10,115	30,600	13,878	22,300	10,115	
	80	24.38	17.0	30' 9"	9.37	22,000	9,979	14,900	6,758	10,900	4,944	2,131	25,400	11,521	25,400	11,521	18,300	8,300	18,300	8,300	25,400	11,521	18,300	8,300	
	18	5.49	80.7	96' 2"	29.31	127,700*	57,923*	127,700*	57,923*	71,500*	32,431*	20,593*	127,700*	57,923*	127,700*	57,923*	92,000	41,734	92,000	41,734	127,700*	57,923*	92,000	41,734	
	19	5.79	80.1	96' 0"	29.26	125,500*	56,925*	121,200*	54,975*	69,700*	31,615*	19,865*	125,500*	56,925*	125,500*	56,925*	91,000	41,267	91,000	41,267	125,500*	56,925*	91,000	41,267	
100' (30.48 m)	20	6.10	79.4	95' 10"	29.21	122,100*	55,383*	115,400*	52,344*	67,900*	30,798*	19,888*	123,300*	55,927*	123,300*	55,927*	90,000	40,823	90,000	40,823	123,300*	55,927*	90,000	40,823	
	25	7.62	76.2	93' 4"	28.46	99,300*	45,041*	89,900	40,777	53,000	24,040	14,197	103,500*	46,946*	103,500*	46,946*	77,700	35,244	77,700	35,244	103,500*	46,946*	77,700	35,244	
	30	9.14	72.9	91' 8"	27.94	81,500	32,431	71,700	32,450	43,300	19,558	10,876	87,000*	39,462*	87,000*	39,462*	61,100	27,714	61,100	27,714	87,000*	39,462*	61,100	27,714	
	40	12.19	66.1	89' 7"	27.32	58,700	26,825	42,200	19,141	28,800	13,063	7,257	62,800*	28,485*	62,800*	28,485*	49,900	22,634	49,900	22,634	62,800*	28,485*	49,900	22,634	
	50	15.24	58.9	84' 5"	25.73	42,600	19,323	30,200	13,698	21,400	9,706	5,125	47,900*	21,727*	47,900*	21,727*	36,100	16,374	36,100	16,374	47,900*	21,727*	36,100	16,374	
	60	18.29	51.1	77' 5"	23.59	32,900	14,923	23,000	10,432	16,600	7,529	4,100	37,700	17,100	37,700	17,100	27,700	12,564	27,700	12,564	37,700	17,100	27,700	12,564	
	70	21.34	42.4	68' 0"	20.72	26,500	12,020	18,200	8,255	13,200	5,987	3,119	30,400	13,789	30,400	13,789	22,200	10,069	22,200	10,069	30,400	13,789	22,200	10,069	
110' (33.53 m)	80	24.38	31.8	54' 9"	16.69	21,900	9,933	14,800	6,713	10,700	4,853	2,041	25,200	11,430	25,200	11,430	18,100	8,210	18,100	8,210	25,200	11,430	18,100	8,210	
	90	27.43	16.0	32' 2"	9.82	18,400	8,346	12,100	5,488	8,700	3,948	1,496	21,300	9,661	21,300	9,661	15,100	6,849	15,100	6,849	21,300	9,661	15,100	6,849	
	20	6.10	80.5	106' 0"	32.30	114,900*	52,117*	114,900*	52,117*	67,600*	30,662*	18,506*	114,900*	52,117*	114,900*	52,117*	92,000	41,734	92,000	41,734	114,900*	52,117*	92,000	41,734	
	25	7.62	77.6	105' 0"	32.01	98,800*	44,814*	89,900	40,777	52,700	23,904	14,106	103,000*	46,720*	103,000*	46,720*	77,700	35,244	77,700	35,244	103,000*	46,720*	77,700	35,244	
	30	9.14	74.6	103' 9"	31.63	83,000*	37,648*	65,900	29,891	41,700	18,914	10,840	86,600*	39,281*	86,600*	39,281*	60,900	27,623	60,900	27,623	86,600*	39,281*	60,900	27,623	
	35	10.67	71.8	102' 3"	31.17	71,100*	32,250*	51,500	23,360	34,000	15,422	8,708	71,700*	32,522*	71,700*	32,522*	50,200	22,770	50,200	22,770	71,700*	32,522*	50,200	22,770	
	40	12.19	68.6	100' 5"	30.62	58,500	26,535	42,000	19,050	28,500	12,927	7,121	61,500*	27,895*	61,500*	27,895*	49,700	22,543	49,700	22,543	61,500*	27,895*	49,700	22,543	
120' (36.58 m)	50	15.24	62.3	95' 11"	29.22	42,500	19,277	30,000	13,607	21,200	9,616	4,989	46,700*	21,182*	46,700*	21,182*	35,900	16,283	35,900	16,283	46,700*	21,182*	35,900	16,283	
	60	18.29	55.6	89' 10"	27.39	32,700	14,832	22,700	10,296	16,300	7,393	3,628	37,400	16,964*	37,400	16,964*	27,500	12,473	27,500	12,473	37,400	16,964*	27,500	12,473	
	70	21.34	48.3	82' 0"	25.00	26,200	11,884	18,000	8,164	12,900	5,851	2,630	30,200	13,698	30,200	13,698	22,000	9,979	22,000	9,979	30,200	13,698	22,000	9,979	
	80	24.38	40.1	71' 9"	21.87	21,700	9,842	14,600	6,622	10,400	4,717	1,950	25,000	11,339	25,000	11,339	17,900	8,119	17,900	8,119	25,000	11,339	17,900	8,119	
	90	27.43	30.1	57' 6"	17.53	18,200	8,255	12,000	5,443	8,500	3,855	1,360	21,200	9,616	21,200	9,616	14,900	6,758	14,900	6,758	21,200	9,616	14,900	6,758	
	100	30.48	15.2	33' 7"	10.23	15,500	7,030	9,900	4,490	7,000	3,175	952	18,100	8,210	18,100	8,210	12,500								

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			Over side and 360° swing		
	Feet	Degrees	Feet	Pounds	kilograms	Over side and 360° swing	Pounds	kilograms	Over rear	Pounds	kilograms	Over rear	Pounds	kilograms	kilograms
120' (36.58 m)	25	79.7	125' 5"	89,500*	40,596*	40,596*	52,400	23,768	13,970	30,800	13,970	89,500*	40,596*	89,500*	40,596*
	30	77.2	124' 5"	82,200*	37,285*	29,846	41,300	18,733	10,704	23,600	10,704	83,800*	38,011*	77,400	35,108
	35	74.8	123' 2"	69,600*	31,570*	23,269	33,700	15,286	8,572	18,900	8,572	69,600*	31,570*	60,800	27,578
	40	72.3	121' 8"	58,300	26,444*	18,960	28,200	12,791	6,985	15,400	6,985	59,600*	27,034*	49,500	22,452
	50	67.2	118' 0"	42,200	19,141	13,471	20,800	9,434	4,853	10,700	4,853	45,400*	20,593*	35,600	16,147
	60	61.9	113' 3"	32,500	14,741	10,205	16,000	7,257	3,447	7,600	3,447	36,300*	16,465*	27,200	12,337
	70	56.3	107' 3"	26,000	11,793	8,073	12,600	5,715	2,494	5,500	2,494	29,800*	13,517*	21,700	9,842
	80	50.4	99' 10"	21,500	9,752	6,486	10,100	4,581	1,769	3,900	1,769	24,700	11,203	17,700	8,028
	90	43.9	90' 6"	18,000	8,184	5,307	8,200	3,719	1,224	2,700	1,224	20,900	9,480	14,700	6,667
	100	36.5	78' 8"	15,200	6,894	4,399	6,700	3,039	—	—	—	17,900	8,119	12,300	5,579
	110	27.4	62' 8"	13,100	5,942	3,674	5,400	2,449	—	—	—	15,400	6,985	10,400	4,717
	120	13.9	36' 1"	11,300	5,125	3,039	4,400	1,995	—	—	—	13,400	6,078	8,900	4,036
130' (39.62 m)	25	76.2	135' 7"	82,900*	37,602*	37,602*	52,200	23,677	13,879	30,600	13,879	82,900*	37,602*	82,900*	37,602*
	30	74.2	134' 7"	77,100*	34,971*	29,801	41,200	18,688	10,614	23,400	10,614	77,100*	34,971*	77,100*	34,971*
	35	71.9	133' 6"	68,800*	31,207*	23,223	33,500	15,195	8,527	18,800	8,527	68,800*	31,207*	60,600	27,487
	40	69.0	132' 1"	58,200	26,399	18,914	28,000	12,700	6,939	15,300	6,939	58,900*	26,716*	49,400	22,407
	50	62.4	128' 9"	42,100	19,096	13,426	20,700	9,389	4,762	10,500	4,762	45,200*	20,502*	35,500	16,102
	60	56.2	124' 5"	32,300	14,651	10,205	15,800	7,166	3,401	7,500	3,401	35,700*	16,193*	27,000	12,246
	70	50.2	119' 1"	25,800	11,702	7,983	12,400	5,624	2,404	5,300	2,404	29,200*	13,244*	21,600	9,797
	80	44.0	112' 5"	21,300	9,661	6,441	9,900	4,490	1,723	4,400	1,723	24,400*	11,067*	17,500	7,937
	90	37.8	104' 5"	17,800	8,073	5,261	8,000	3,628	1,133	2,500	1,133	20,700	9,389	14,500	6,577
	100	30.4	94' 5"	15,100	6,849	4,309	6,500	2,948	—	—	—	17,700	8,028	12,200	5,533
	110	23.5	81' 11"	12,900	5,851	3,583	5,200	2,358	—	—	—	15,300	6,939	10,300	4,672
	120	13.3	65' 0"	11,100	5,034	2,993	4,200	1,905	—	—	—	13,300	6,032	8,700	3,946
140' (42.67 m)	30	9.14	144' 10"	70,700*	32,068*	29,755	41,000	18,597	10,523	23,200	10,523	70,700*	32,068*	70,700*	32,068*
	35	10.67	143' 9"	62,800*	28,485*	23,178	33,300	15,104	8,436	18,600	8,436	62,800*	28,485*	60,500	27,442
	40	12.19	142' 6"	56,600*	25,673*	18,869	27,800	12,609	6,849	15,100	6,849	56,600*	25,673*	49,200	22,316
	50	15.24	139' 5"	41,900	19,005	13,335	20,500	9,298	4,672	10,300	4,672	44,400*	20,139*	35,300	16,011
	60	18.29	135' 5"	32,100	14,560	10,115	15,600	7,078	3,311	7,300	3,311	35,100*	15,921*	26,900	12,201
	70	21.34	130' 7"	25,600	11,611	7,937	12,200	5,533	2,313	5,100	2,313	28,700*	13,018*	21,400	9,706
	80	24.38	124' 7"	21,100	9,570	6,350	9,700	4,399	1,632	3,600	1,632	23,900*	10,840*	17,400	7,892
	90	27.43	117' 5"	17,600	7,983	5,170	7,800	3,538	1,043	2,300	1,043	20,600	9,344	14,300	6,486
	100	30.48	108' 9"	14,900	6,758	4,263	6,300	2,857	—	—	—	17,500	7,937	12,000	5,443
	110	33.53	98' 3"	12,700	5,760	3,492	5,000	2,267	—	—	—	15,100	6,849	10,100	4,581
	120	36.58	85' 0"	10,900	4,944	2,902	4,000	1,814	—	—	—	13,100	5,942	8,500	3,855
	130	39.62	67' 4"	9,500	4,309	2,404	3,200	1,451	—	—	—	11,400	5,170	7,300	3,311
150' (45.72 m)	30	9.14	155' 0"	63,000*	28,576*	28,576*	40,800	18,508	10,432	23,000	10,432	63,000*	28,576*	63,000*	28,576*
	35	10.67	154' 0"	57,700*	26,172*	23,087	33,100	15,013	8,346	18,400	8,346	57,700*	26,172*	57,700*	26,172*
	40	12.19	152' 10"	52,000*	23,586*	18,778	27,600	12,519	6,758	14,900	6,758	52,000*	23,586*	49,100	22,271
	50	15.24	149' 0"	40,800*	18,506*	13,290	20,300	9,207	4,581	10,100	4,581	40,800*	18,506*	35,200	15,966
	60	18.29	146' 4"	31,900	14,469	10,069	15,400	6,985	3,220	7,100	3,220	33,900*	15,376*	26,700	12,110
	70	21.34	141' 10"	25,400	11,521	7,847	12,000	5,443	2,222	4,900	2,222	28,200*	12,791*	21,200	9,618
	80	24.38	136' 5"	20,900	9,480	6,259	9,500	4,309	1,486	3,300	1,486	23,400*	10,614*	17,200	7,801
	90	27.43	129' 11"	17,400	7,892	5,080	7,600	3,447	952	2,100	952	20,100*	9,117*	14,100	6,395
	100	30.48	122' 2"	14,700	6,667	4,173	6,100	2,766	—	—	—	17,200*	7,801*	11,800	5,352
	110	33.53	113' 0"	12,500	5,669	3,401	4,800	2,177	—	—	—	14,800*	6,713*	9,900	4,490
	120	36.58	101' 10"	10,800	4,898	2,812	3,800	1,723	—	—	—	12,900	5,851	8,400	3,810
	130	39.62	88' 0"	9,300	4,218	2,313	3,000	1,360	—	—	—	11,200	5,080	7,100	3,220
	140	42.67	69' 6"	8,000	3,628	1,905	2,200	997	—	—	—	9,800	4,445	6,000	2,721
	150	45.72	39' 7"	6,900	3,129	1,542	—	—	—	—	—	8,600	3,900	5,000	2,267

① ② ③ — Refer to page 7.



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	Over rear Pounds	Over rear kilograms	Over side and 360° swing ③ Pounds	Over side and 360° swing ③ kilograms	Over rear Pounds	Over rear kilograms	Over side Pounds	Over side kilograms	Over rear Pounds	Over rear kilograms	Over side and 360° swing ③ Pounds	Over side and 360° swing ③ kilograms
160' (48.77 m)	30	9.14	80.5	165' 2"	50.33	58,200*	26,399*	58,200*	26,399*	18,415	40,600	22,800	10,341	58,200*	26,399*	58,200*	26,399*
	35	10.67	78.6	164' 3"	50.05	53,500*	24,267*	50,800*	23,042	14,923	32,900	18,200	8,255	53,500*	24,267*	53,500*	24,267*
	40	12.19	76.8	163' 2"	49.72	48,400*	21,953*	41,300*	18,733	12,383	27,300	14,700	6,667	48,400*	21,953*	48,400*	21,953*
	50	15.24	73.1	160' 5"	48.90	38,100*	17,281*	29,100*	13,185	9,071	20,000	9,900	4,490	38,100*	17,281*	35,000	15,875
	60	18.29	69.3	157' 1"	47.87	31,700*	14,378*	22,000*	9,979	6,894	15,200	6,800	3,084	31,700*	14,378*	26,500	12,020
	70	21.34	65.4	152' 11"	46.60	25,200*	11,430*	17,100*	7,756	5,352	11,800	4,700	2,131	25,600*	11,611*	21,000	9,525
	80	24.38	61.4	147' 11"	45.07	20,700*	9,389*	13,600*	6,168	4,218	9,300	3,100	1,406	21,500*	9,752*	17,000	7,711
	90	27.43	57.3	141' 11"	43.27	17,200*	7,801*	11,000*	4,989	3,311	7,300	—	—	18,700*	8,482*	13,900	6,304
	100	30.48	52.9	135' 0"	41.14	14,500*	6,577*	8,900*	4,036	2,630	5,800	—	—	16,400*	7,438*	11,600	5,261
	110	33.53	48.3	126' 9"	38.64	12,300*	5,579*	7,300*	3,311	2,086	4,600	—	—	14,400*	6,531*	9,700	4,399
	120	36.58	43.3	117' 0"	35.67	10,500*	4,762*	6,000*	2,721	1,632	3,600	—	—	12,700	5,760	8,100	3,674
170' (51.82 m)	130	39.62	37.8	105' 4"	32.10	9,000*	4,082*	4,900*	2,222	2,700	2,000	—	—	11,000	4,989	6,800	3,084
	140	42.67	31.4	90' 10"	27.68	7,800*	3,538*	3,900*	1,769	907	2,000	—	—	9,600	4,354	5,700	2,585
	150	45.72	23.7	71' 8"	21.85	6,700*	3,039*	3,100*	1,406	—	—	—	—	8,400	3,810	4,800	2,177
	160	48.77	12.0	40' 8"	12.38	5,800*	2,630*	2,400*	1,088	—	—	—	—	7,300	3,311	4,000	1,814
	35	10.67	79.3	174' 5"	53.16	49,000*	22,226*	49,000*	22,226*	41,100	90,000*	42,400*	—	49,000*	22,226*	49,000*	22,226*
	40	12.19	77.6	173' 5"	52.85	42,400*	19,232*	41,100*	18,642	34,900*	76,800*	42,400*	—	42,400*	19,232*	42,400*	19,232*
	50	15.24	74.1	170' 10"	52.08	34,900*	15,830*	28,900*	13,108	29,500*	64,000*	34,900*	—	34,900*	15,830*	34,800	15,785
	60	18.29	70.6	167' 8"	51.11	29,500*	13,380*	21,800*	9,888	23,000*	48,400*	29,500*	—	29,500*	13,380*	26,300	11,929
	70	21.34	67.0	163' 10"	49.93	23,000*	10,432*	16,900*	7,665	16,900	37,300	23,000*	—	23,000*	10,432*	20,800	9,434
	80	24.38	63.3	159' 2"	48.51	19,600*	8,890*	13,400*	6,078	13,400	29,900*	19,600*	—	19,600*	8,890*	16,800	7,620
	90	27.43	59.4	153' 8"	46.85	17,000*	7,711*	10,800*	4,898	10,800	23,900*	17,000*	—	17,400*	7,892*	13,700	6,214
180' (54.86 m)	100	30.48	55.4	147' 4"	44.90	14,300*	6,486*	8,700*	3,946	8,700	19,200*	—	—	15,600*	7,076*	11,400	5,170
	110	33.53	51.2	139' 10"	42.63	12,100*	5,488*	7,100*	3,220	7,100	15,600*	—	—	14,000*	6,350*	9,500	4,309
	120	36.58	46.7	131' 2"	39.98	10,300*	4,672*	5,800*	2,630	5,800	12,800*	—	—	12,500	5,669	7,900	3,583
	130	39.62	41.9	120' 11"	36.86	8,800*	3,991*	4,700*	2,131	4,700	10,400*	—	—	10,800	4,898	6,600	2,993
	140	42.67	36.6	108' 8"	33.13	7,600*	3,447*	3,700*	1,678	3,700	9,400	—	—	9,400	4,263	5,500	2,494
	150	45.72	30.5	93' 7"	28.53	6,500*	2,948*	2,900*	1,315	2,900	8,200	—	—	8,200	3,719	4,600	2,086
	160	48.77	23.0	73' 9"	22.48	5,600*	2,540*	2,200*	997	2,200	7,100	—	—	7,100	3,220	3,800	1,723
	170	51.82	11.6	41' 8"	12.70	4,700*	2,131*	—	—	—	—	—	—	6,200	2,812	3,100	1,406
	35	10.67	79.9	184' 7"	56.26	42,900*	19,459*	42,900*	19,459*	42,900*	94,800*	42,900*	—	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*	86,000*	39,100*	—	39,100*	17,735*	39,100*	17,735*
	50	15.24	75.0	181' 3"	55.24	32,300*	14,651*	28,700*	13,018	28,700	71,600*	32,300*	—	32,300*	14,651*	32,300*	14,651*
190' (54.86 m)	60	18.29	71.7	178' 3"	54.33	27,400*	12,428*	21,600*	9,797	21,600	60,500*	—	—	27,400*	12,428*	27,400*	12,428*
	70	21.34	68.3	174' 7"	53.22	20,500*	9,298*	16,700*	7,574	16,700	46,000*	—	—	20,500*	9,298*	20,500*	9,298*
	80	24.38	64.8	170' 3"	51.90	17,800*	8,073*	13,200*	6,073	13,200	39,500*	—	—	17,800*	8,073*	16,600	7,529
	90	27.43	61.3	165' 2"	50.35	16,100*	7,302*	10,600*	4,808	10,600	35,800*	—	—	16,100*	7,302*	13,500	6,123
	100	30.48	57.8	159' 4"	48.55	14,100*	6,395*	8,500*	3,855	8,500	31,200*	—	—	14,800*	6,713*	11,200	5,080
	110	33.53	53.7	152' 6"	46.47	11,900*	5,397*	6,900*	3,129	6,900	26,400*	—	—	13,600*	6,168*	9,300	4,218
	120	36.58	49.7	144' 7"	44.06	10,100*	4,581*	5,600*	2,540	5,600	22,500*	—	—	12,300*	5,579	7,700	3,492
	130	39.62	45.3	135' 5"	41.27	8,600*	3,900*	4,500*	2,041	4,500	19,000*	—	—	10,600	4,808	6,400	2,902
	140	42.67	40.7	124' 8"	38.00	7,400*	3,356*	3,500*	1,587	3,500	16,400*	—	—	9,200	4,173	5,300	2,404
	150	45.72	35.5	111' 11"	34.12	6,300*	2,857*	2,700*	1,224	2,700	14,000*	—	—	8,000	3,628	4,400	1,995
	160	48.77	29.6	96' 3"	29.34	5,300*	2,404*	2,000*	907	2,000	11,800*	—	—	6,900	3,129	3,600	1,632
200' (60.96 m)	170	51.82	22.3	75' 9"	23.09	4,500*	2,041*	—	—	—	—	—	—	6,000	2,721	2,900	1,315
	180	54.86	11.3	42' 8"	13.01	3,800*	1,723*	—	—	—	—	—	—	5,200	2,358	2,300	1,043
	35	10.67	80.5	194' 9"	59.35	38,700*	17,554*	38,700*	17,554*	38,700*	86,000*	38,700*	—	38,700*	17,554*	38,700*	17,554*
	40	12.19	78.3	193' 10"	59.07	36,000*	16,329*	36,000*	16,329*	36,000*	80,000*	36,000*	—	36,000*	16,329*	36,000*	16,329*
210' (64.01 m)	50	15.24	77.7	191' 3"	58.49	32,300*	14,651*	28,500*	12,927	28,500	71,600*	—	—	29,600	13,517*	29,600	13,517*
	60	18.29	74.1	187' 3"	55.25	28,900*	13,380*	24,400*	9,706	24,400	64,000*	—	—	25,400*	11,521*	25,400*	11,521*
	70	21.34	70.6	181' 3"	53.80	25,200*	11,430*	21,800*	7,484	21,800	56,000*	—	—	19,000*	8,655*	19,000*	8,655*
	80	24.38	67.0	176' 6"	51.82	21,800*	9,900*	19,600*	7,030*	19,600	48,400*	—	—	17,800*	7,030*	17,800*	7,030*
① ② ③ — Refer to page 7.						(continued)											

③③③ — Refer to page 7.

GENERAL INFORMATION ONLY

(continued)





GENERAL INFORMATION ONLY

HC-218A jib capacities — open throat boom (U.S. units)

Refer to Notes page 5.

Boom — tubular; 60" wide, 50" deep
with open throat top section, 1½"
diameter boom pendants, boom live
mast and boom midpoint suspension
pendants as required.

Jib — tubular; 32" wide, 24" deep.

Mounting — rubber tire mobile base;
FMC, 8 x 4 drive, 260" wheelbase,
11' 0" wide.

Counterweights — Upper counterweight
"AB" — 33,000 lbs.; bumper counter-
weight "A" — 13,500 lbs.

Boom length	Load radius	Capacities on outriggers — over side and 360° swing①								
		30' jib			45' jib			60' jib		
		Jib angles to boom (jib offset degrees)								
		0°	15°	30°	0°	15°	30°	0°	15°	30°
Feet	Feet	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
40	16	23,900*								
	17	23,500*								
	18	23,100*								
	19	22,800*			16,500*					
	20	22,400*			16,300*					
	25	20,400*	16,900*		15,400*			13,200*		
	30	18,500*	15,800*		14,500*	12,900*		12,400*		
	35	16,700*	14,600*	12,600*	13,600*	11,700*		11,600*		
	40	15,400*	13,400*	12,100*	12,500*	10,500*	7,900*	10,800*	9,500*	
	50	12,900*	12,100*	11,000*	10,000*	8,000*	7,400*	9,200*	7,800*	5,900*
	60	11,700*	10,900*		7,800*	7,400*	6,600*	7,400*	6,100*	5,500*
60	70	10,100*			7,200*	6,600*	5,300*	5,800*	5,500*	5,000*
	80				5,900*			5,300*	5,000*	3,800*
	90							4,400*		
	20	23,700*			16,200*			13,700*		
	25	22,300*			15,400*			13,100*		
	30	20,700*	16,800*		14,700*			12,400*		
	35	19,200*	15,900*	12,900*	14,000*	12,600*		11,800*		
	40	17,600*	15,000*	12,600*	13,900*	11,700*		10,400*	10,100*	
	50	15,500*	13,100*	11,800*	12,200*	9,700*	7,600*	9,000*	8,700*	
	60	13,500*	12,200*	11,000*	10,200*	7,900*	7,200*	9,000*	7,300*	5,700*
	70	12,300*	11,400*	10,100*	8,000*	7,400*	6,500*	7,600*	5,900*	5,300*
80	80	11,300*	10,400*		7,500*	7,000*	5,500*	6,000*	5,500*	4,800*
	90				6,900*	5,800*		5,500*	5,100*	3,900*
	100				5,500*			5,100*	4,300*	
	110							4,000*	3,100*	
	25	23,400*			16,000*			13,500*		
	30	22,200*			15,400*			13,000*		
	35	20,900*	16,600*		14,800*			12,400*		
	40	19,700*	15,900*	12,800*	14,300*	12,400*		11,300*	9,300*	
	50	17,100*	14,400*	12,300*	13,500*	10,800*	7,800*	10,100*	8,100*	5,800*
	60	15,500*	12,900*	11,700*	12,000*	9,200*	7,400*	9,000*	8,100*	5,500*
	70	13,900*	12,300*	11,000*	10,300*	7,800*	7,100*	9,000*	6,900*	5,500*
100	80	12,600*	11,600*	10,300*	8,500*	7,500*	6,500*	7,700*	5,900*	5,200*
	90	11,900*	10,900*		7,700*	7,100*	5,600*	6,400*	5,500*	4,700*
	100	11,000*			7,200*	6,300*		5,700*	5,200*	4,000*
	110				6,500*	5,300*		5,300*	4,600*	3,100*
	120				5,200*			4,800*	3,700*	
	130							3,800*		
	30	23,200*			16,500*			13,400*		
	35	22,100*	17,300*		16,000*			12,900*		
	40	21,100*	16,500*		15,400*			12,000*		
	50	18,900*	15,300*	12,500*	14,300*	11,600*		11,000*	9,800*	5,900*
	60	16,800*	14,000*	12,100*	13,200*	10,200*	7,600*	9,900*	8,800*	5,700*
70	15,500*	12,900*	11,600*	11,900*	8,800*	7,300*	9,000*	7,700*	5,400*	
80	14,100*	12,300*	11,000*	10,400*	7,800*	7,000*	8,900*	6,700*	5,000*	
90	12,800*	11,800*	10,400*	8,800*	7,500*	6,400*	7,800*	5,900*	5,100*	
100	12,200*	11,200*		7,800*	7,200*	5,700*	6,600*	5,600*	4,700*	
110	11,300	10,500*		7,400*	6,600*		5,800*	5,300*	4,000*	
120				7,000*	5,800*		5,500*	4,900*	3,300*	
130				6,200*			5,100*	4,200*		
140				5,000*			4,500*	3,300*		
150							3,500*			
120	30	23,900*			16,400*			13,300*		
	35	23,300*	17,100*		15,900*			12,500*		
	40	22,100*	16,000*	12,800*	14,900*	12,200*		11,600*	10,100*	
	50	20,300*	14,900*	12,300*	14,000*	11,000*	7,700*	10,700*	9,200*	5,800*
	60	18,400*	13,800*	11,900*	13,000*	9,700*	7,500*	10,700*	8,300*	5,500*
	70	16,700*	12,800*	11,500*	11,700*	8,500*	7,200*	9,800*	7,400*	5,300*
	80	15,500*	12,400*	11,000*	10,400*	7,800*	7,000*	8,800*	6,400*	5,000*
	90	14,300*	11,900*	10,500*	9,000*	7,500*	6,400*	7,900*	5,800*	5,000*
	100	12,800	11,100	10,000*	7,900*	7,200*	5,800*	6,800*	5,600*	4,600*
	110	10,900	9,500		7,600*	6,900*	5,100*	5,900*	5,300*	4,100*
	120	9,300	8,200		7,200*	6,200*		5,600*	5,000*	3,500*
130	8,000			6,800*	5,400*		5,000*	3,800*		
140	6,900			5,900*			4,300*	3,000*		
150										
160										
170										

① Refer note #1-b, page 5.

(continued)

GENERAL INFORMATION ONLY





GENERAL INFORMATION ONLY

HC-218A jib capacities — open throat boom (U.S. units)

Refer to Notes page 5.

Boom length	Load radius	Capacities on outriggers — over side and 360° swing①								
		30' jib			45' jib			60' jib		
		Jib angles to boom (jib offset degrees)								
		0°	15°	30°	0°	15°	30°	0°	15°	30°
Feet	Feet	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
140	35	23,700*								
	40	22,900*			16,300*			13,600*		
	50	21,310*	16,400*	12,900*	15,400*			12,900*		
	60	19,600*	15,500*	12,600*	14,600*	11,600*	7,800*	12,100*	9,600*	
	70	18,000*	14,500*	12,200*	13,700*	10,500*	7,600*	11,300*	8,800*	5,900*
	80	16,500*	13,600*	11,800*	12,800*	9,400*	7,400*	10,500*	8,000*	5,700*
	90	14,700*	12,800*	11,400*	11,600*	8,200*	7,200*	9,600*	7,100*	5,400*
	100	12,300*	12,400*	11,000*	10,500*	7,800*	6,900*	8,800*	6,300*	5,200*
	110	10,400*	10,700*	10,600*	9,200*	7,500*	6,400*	7,900*	5,800*	5,000*
	120	8,900*	9,100*	9,300*	8,000*	7,300*	5,800*	7,000*	5,600*	4,600*
	130	7,600*	7,800*		7,700*	7,000*	5,300*	6,100*	5,300*	3,900*
	140	6,500*	6,600*		6,700*	6,400*		5,700*	5,100*	3,400*
	150	5,500*			5,700*	5,800*		5,500*	4,700*	3,000*
	160	4,700*			4,900*	5,100*		5,100*	4,100*	
	170				4,200*			4,300*	3,500*	
	180							3,700*		
	190							3,200*		
160	40	23,500*			16,500*			13,200*		
	50	22,000*			15,800*			12,500*	9,900*	
	60	20,600*	16,800*	12,700*	15,000*	12,000*		11,800*	9,200*	
	70	19,100*	15,100*	12,400*	14,300*	11,100*	7,700*	11,000*	8,400*	5,800*
	80	17,200*	14,300*	12,100*	13,500*	10,100*	7,500*	10,300*	7,700*	5,600*
	90	14,200*	13,400*	11,700*	12,600*	9,100*	7,300*	9,500*	6,900*	5,400*
	100	11,900*	12,300*	11,400*	11,600*	8,000*	7,100*	8,800*	6,100*	4,700*
	110	10,000*	10,300*	10,700*	10,100*	7,800*	6,800*	8,000*	5,800*	4,100*
	120	8,400*	8,700*	9,000*	8,600*	7,500*	6,000*	8,000*	5,800*	4,100*
	130	7,100*	7,400*	7,600*	7,300*	7,300*	5,200*	7,100*	5,600*	3,500*
	140	6,000*	6,200*		6,200*	6,600*	4,500*	6,300*	5,400*	3,100*
	150	5,000*	5,200*		5,200*	5,600*		5,400*	5,100*	2,700*
	160	4,200*	4,400*		4,400*	4,700*		4,500*	4,600*	2,400*
	170	3,500*			3,700*	3,900*		3,800*	4,100*	
	180	2,900*			3,100*			3,200*	3,500*	
	190				2,500*			2,600*	2,900*	
	200							2,100*		
210							1,700*			
180	50	22,700*	17,300*	12,800*	16,100*	12,400*		13,500*		
	60	21,400*	16,400*	12,600*	15,400*	11,600*		12,800*		
	70	20,000*	15,600*	12,300*	14,700*	11,600*	7,800*	12,200*	9,500*	
	80	16,700*	14,800*	12,300*	14,000*	10,700*	7,600*	11,500*	8,800*	5,800*
	90	13,800*	14,100*	11,800*	13,300*	9,800*	7,400*	10,800*	8,100*	5,700*
	100	11,400*	11,900*	10,200*	11,600*	8,800*	7,100*	10,100*	7,400*	4,900*
	110	9,500*	9,900*	8,800*	9,700*	7,900*	6,000*	9,300*	6,700*	4,200*
	120	7,900*	8,300*	7,700*	8,100*	7,700*	5,200*	8,200*	6,000*	3,600*
	130	6,600*	7,000*	6,800*	6,800*	7,100*	4,500*	6,900*	5,500*	3,100*
	140	5,500*	5,800*	6,000*	5,700*	6,100*	4,000*	5,800*	4,900*	2,700*
	150	4,600*	4,800*		4,700*	5,100*	3,500*	4,900*	4,300*	2,300*
	160	3,800*	4,000*		3,900*	4,300*	3,000*	4,000*	3,800*	2,100*
	170	3,000*	3,200*		3,200*	3,500*		3,300*	3,400*	1,800*
	180	2,400*	2,600*		2,600*	2,800*		2,700*	3,100*	
	190	1,800*			2,000*	2,200*		2,100*	2,500*	
	200				1,500*			1,600*	1,900*	
	200	50	23,100*	16,700*	12,900*	16,400*	12,800*		13,700*	
60		19,900*	15,400*	12,700*	15,700*	12,000*		13,100*		
70			14,400*	12,300*	14,700*	12,000*	7,900*	12,500*	9,100*	5,900*
80			13,400*	11,800*	14,000*	11,100*	7,700*	11,800*	8,000*	5,300*
90		12,500*	12,400*	11,400*	13,300*	9,700*		11,000*	7,000*	4,400*
100		11,000*	11,900*	11,000*	12,600*	8,000*	5,100*	10,300*	6,000*	3,700*
110		9,000*	9,900*	8,800*	9,700*	7,700*	4,400*	9,500*	5,200*	3,200*
120		7,500*	7,900*	7,700*	8,100*	7,100*	3,900*	8,800*	4,500*	2,700*
130		6,200*	6,500*	6,300*	6,800*	6,400*	3,300*	8,200*	3,900*	2,300*
140		5,100*	5,500*		5,200*	5,700*	2,900*	7,600*	3,500*	2,100*
150		4,100*			4,300*	4,700*	2,600*	7,000*	3,100*	1,800*
160			3,500*	3,700*	4,300*	4,700*	2,300*	6,400*	2,800*	1,600*
170			2,800*		3,400*	3,800*		5,800*	2,400*	
180			2,100*		2,700*	3,100*		5,200*	2,000*	
190		1,900*	2,100*		2,100*	2,400*		4,600*	1,600*	
200					1,500*	1,800*		1,600*		

① Refer note #1-b, page 5.

GENERAL INFORMATION ONLY

