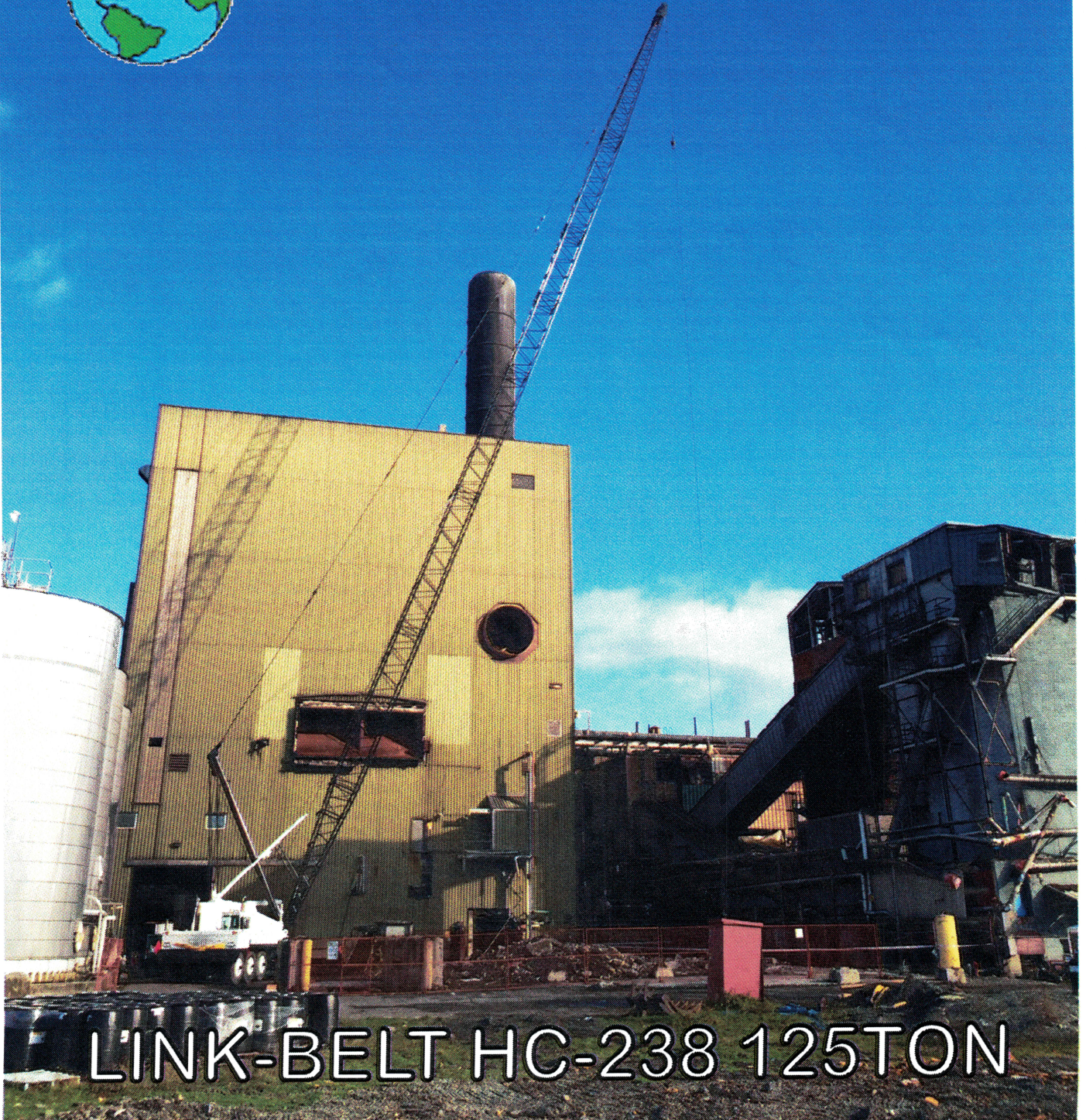


# TEST RIGHT RIGGING Ltd.

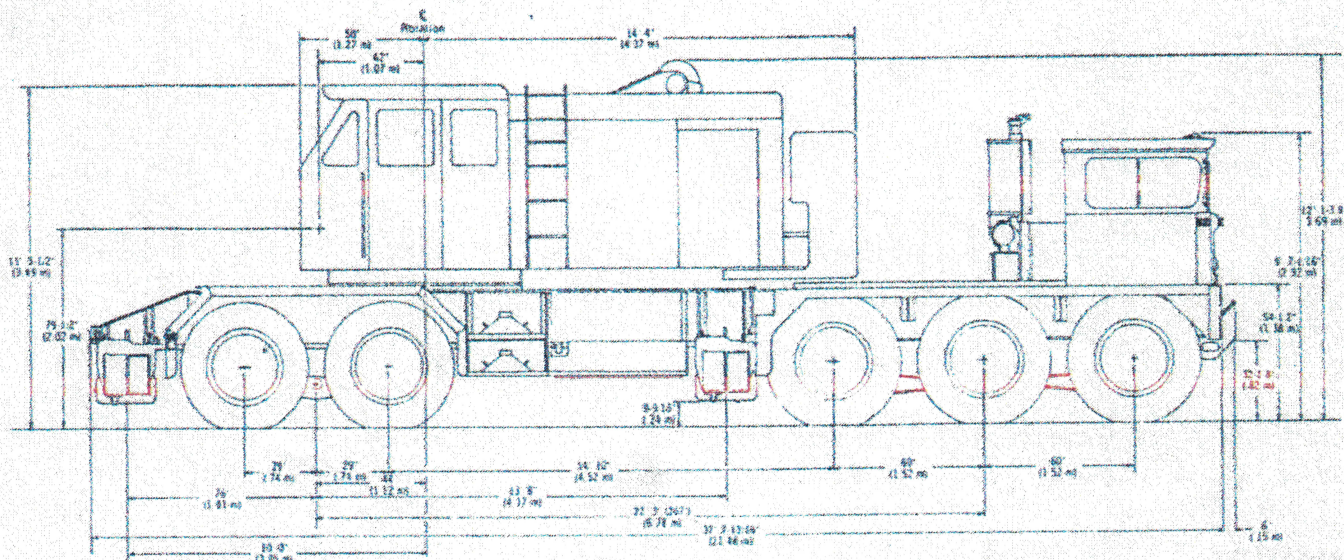
Making It Safe For You To Move The World:



LINK-BELT HC-238 125TON



# Carrier — 267" (6.78 m) wheelbase, 10 x 4, 11' 10" (3.61 m) wide



## Axle loadings — approximate

Basic upper machinery w/26,900# (12,202 kg) cwt. "A", boomhoist planetary, rear drum load lowering clutch, GM 6-71N diesel w/single stage torque converter; mounted on 267" (6.78 m) wheelbase. 10 x 4 drive, 11' 10" (3.60 m) wide carrier with GM 8V-71N diesel, 14:00 x 24-L (20-ply rating) transport type tires, hydraulic outriggers front and rear, w/4 floats in storage jacks, and 6,400# (2,903 kg) front bumper cwt. "A".	Basic Machine Weight		Upper Facing Front				Upper Facing Rear			
	Lbs.	Kgs.	Front		Rear		Front		Rear	
			Lbs.	Kgs.	Lbs.	Kgs.	Lbs.	Kgs.	Lbs.	Kgs.
A	64,190	29,118	-12,750	- 5,783	76,940	34,900	34,100	15,468	30,090	13,649
B	73,500	33,340	36,200	16,420	37,300	16,919	36,200	16,420	37,300	16,919
C	137,690	62,458	23,450	10,637	114,240	51,819	70,300	31,888	67,390	30,568
<b>Adjust axle loadings accordingly for these components:</b>	<b>Component Weights</b>		<b>Front</b>		<b>Rear</b>		<b>Front</b>		<b>Rear</b>	
	Lbs.	Kgs.	Lbs.	Kgs.	Lbs.	Kgs.	Lbs.	Kgs.	Lbs.	Kgs.
High speed boom lowering clutch	+ 420	+ 191	- 50	- 23	+ 470	+ 214	+ 190	+ 86	+ 230	+ 105
Boomhoist wire rope — 675' (205.74 m) Type "T", 5/8" (22.23 mm) dia.	+ 970	+ 440	- 270	- 122	+ 1,240	+ 562	+ 600	+ 272	+ 370	+ 168
Front drum load lowering clutch	+ 620	+ 281	+ 70	+ 32	+ 550	+ 249	+ 140	+ 64	+ 480	+ 217
Front drum planetary (hoist)	+ 790	+ 358	+ 90	+ 41	+ 700	+ 317	+ 180	+ 82	+ 610	+ 276
Front drum planetary (lowering) — includes load lowering clutch/gear assembly	+ 1,410	+ 640	+ 160	+ 73	+ 1,250	+ 567	+ 320	+ 145	+ 1,090	+ 495
Rear drum wire rope — 1,050' (320.04 m) Type "N", 1" (25.40 mm) dia.	+ 1,940	+ 880	- 40	- 18	+ 1,980	+ 898	+ 680	+ 309	+ 1,260	+ 572
Rear drum planetary (hoist)	+ 790	+ 358	- 20	- 9	+ 810	+ 367	+ 270	+ 122	+ 520	+ 236
Rear drum planetary (lowering)	+ 790	+ 358	- 20	- 9	+ 810	+ 367	+ 270	+ 122	+ 520	+ 520
Third drum — includes front drum load lowering clutch/gear assembly to power third drum	+ 2,360	+ 1,070	+ 350	+ 159	+ 2,010	+ 911	+ 430	+ 195	+ 1,930	+ 875
Third drum — as above, but with load lowering clutch	+ 2,950	+ 1,336	+ 580	+ 263	+ 2,370	+ 1,075	+ 400	+ 181	+ 2,550	+ 1,157
Third drum wire rope — 460' (140.21 m) Type "N", 5/8" (22.23 mm) dia.	+ 660	+ 299	+ 140	+ 64	+ 520	+ 235	+ 80	+ 36	+ 580	+ 263
Upper counterweight "A"	-26,900	-12,202	+11,520	+ 5,225	-38,420	-17,427	-20,480	- 9,281	- 6,440	- 2,921
Upper counterweight "B"	+20,400	+ 9,253	- 8,790	- 3,987	+29,190	+13,240	+15,570	+ 7,063	+ 4,830	+ 2,190
30' (9.14 m) Tubular boom w/accessories & Hammerhead top section	+ 5,060	+ 2,295	+ 6,650	+ 3,016	- 1,590	- 721	- 4,970	- 2,254	+10,030	+ 4,549
5' (1.52 m) Hammerhead top section w/accessories	- 2,950	- 1,336	- 4,640	- 2,105	+ 1,690	+ 767	- 3,660	+ 1,660	- 6,610	- 2,998
50' (15.24 m) Tubular boom w/accessories & Open Throat top section	+ 6,430	+ 2,917	+12,260	+ 5,561	- 5,830	- 2,644	-10,130	- 4,595	+16,560	+ 7,512
25' (7.62 m) Open Throat top section w/accessories	- 4,320	- 1,960	-10,250	- 4,650	+ 5,930	+ 2,690	+ 8,820	+ 4,000	-13,140	- 5,960
Opt. GM 6-71N diesel engine w/3-stage torque converter — Upper	+ 20	+ 9	- 6	- 3	+ 26	+ 12	+ 12	+ 5	+ 8	+ 4
Opt. Cummins NB55-P22 diesel engine w/3-stage torque converter — Upper	+ 830	+ 376	- 240	- 109	+ 1,070	+ 485	+ 520	+ 235	+ 310	+ 141
Boom stops	+ 730	+ 331	+ 230	+ 104	+ 500	+ 227	+ 20	+ 9	+ 710	+ 322
Boom live mast (retracted & horizontal), bridle and spreader bar	+ 7,000	+ 3,175	+ 8,120	+ 3,683	- 1,120	- 508	- 5,790	- 2,626	+12,790	+ 5,801
Front outrigger box, beams and jacks	- 7,300	- 3,311	- 4,510	- 2,046	- 2,790	- 1,265	- 4,510	- 2,046	- 2,790	- 1,265
Rear outrigger box, beams and jacks our floats	- 7,300	- 3,311	+ 2,080	+ 943	- 9,380	- 4,254	+ 2,080	+ 943	- 9,380	- 4,254
	- 480	- 218	- 140	- 64	- 340	- 154	- 140	- 64	- 340	- 154
dumper counterweight "A"	- 6,400	- 2,903	- 8,700	- 3,946	+ 2,300	+ 1,043	- 8,700	- 3,946	+ 2,300	+ 1,043
Bumper counterweight "B"	+ 7,200	+ 3,266	+ 9,800	+ 4,445	- 2,600	- 1,179	+ 9,800	+ 4,445	- 2,600	- 1,179
Opt. Cummins NTF 295 diesel engine in Carrier	+ 400	+ 181	+ 400	+ 181	+ 0	+ 0	- 400	+ 181	+ 0	+ 0

\*A=Upper, B=Carrier, C=Total



# HC-238 lifting crane capacities

PSCA Class 11-705

Refer to Notes page 21.

Booms — with hammerhead top section.

Carriers — FMC B x 4, 260" (6.60 m) wheelbase, 11' 10" (3.61 m) wide or 10 x 4, 267" (6.78 m) wheelbase, 11' 10" (3.61 m) wide.

Counterweights — based on carrier. Refer to cwt. requirements chart Page 1.

Length	Boom				"A" Upper & "A" Bumper Cwts.												"AB" Upper & "A" Bumper Cwts.											
	Feet	Radius Meters	Angle Degree	Height "W" Feet	On Outriggers			On Tires (static)			Rear			Side			Rear			Side								
					Pounds	Kilograms	Side Pounds	Kilograms	Side Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms								
30' (9.14 m)	11	3.35	81.0	33	6	10.21	250,000	113,400	250,000	113,400	58,405	81,700	37,059	230,000	113,400	250,000	113,400	240,000	108,864	240,000	108,864							
	12	3.66	76.9	33	3	10.13	232,500	105,462	232,500	105,462	56,519	76,700	34,564	248,800	112,800	248,800	112,800	220,100	99,837	220,100	99,837							
	13	3.96	76.7	32	11	10.03	216,400	98,159	216,400	98,159	54,368	71,400	32,387	231,700	105,099	231,700	105,099	208,500	95,029	208,500	95,029							
	14	4.27	74.5	32	6	9.90	202,400	91,809	202,400	91,809	52,754	67,100	30,437	216,600	98,250	216,600	98,250	200,300	90,856	200,300	90,856							
	15	4.57	72.3	32	1	9.79	189,900	86,139	189,900	86,139	50,667	63,200	28,668	203,000	92,262	203,000	92,262	191,000	86,910	191,000	86,910							
40' (12.19 m)	16	4.86	70.0	31	7	9.63	178,900	81,149	178,900	81,149	48,267	59,700	27,080	191,000	86,910	191,000	86,910	181,000	82,102	181,000	82,102							
	17	5.18	67.7	31	1	9.48	169,000	76,658	169,000	76,658	46,548	56,500	25,828	171,500	77,792	171,500	77,792	171,500	77,792	171,500	77,792							
	18	5.49	65.3	30	6	9.29	160,100	72,821	160,100	72,821	44,900	53,800	24,313	162,900	73,891	162,900	73,891	162,900	73,891	162,900	73,891							
	19	5.79	62.9	29	11	9.12	152,000	68,947	152,000	68,947	43,200	50,900	22,888	155,100	70,353	155,100	70,353	155,100	70,353	155,100	70,353							
	20	6.10	60.4	29	3	8.92	144,700	65,635	144,700	65,635	41,600	48,500	22,000	152,000	68,947	152,000	68,947	152,000	68,947	152,000	68,947							
50' (15.24 m)	25	7.62	46.3	24	6	7.47	115,400	52,345	115,400	52,345	35,700	38,600	17,509	124,500	56,473	124,500	56,473	124,500	56,473	124,500	56,473							
	30	9.14	38.6	27	9	6.45	77,600	35,199	77,600	35,199	26,000	26,400	11,975	85,500	39,845	85,500	39,845	85,500	39,845	85,500	39,845							
	35	10.67	36.6	27	9	5.85	55,500	25,500	55,500	25,500	18,194	18,194	8,335	60,800	27,379	60,800	27,379	60,800	27,379	60,800	27,379							
	40	12.19	34.1	25	3	5.12	33,700	15,300	33,700	15,300	11,940	11,940	5,535	39,300	17,800	39,300	17,800	39,300	17,800	39,300	17,800							
	45	14.63	31.3	23	1	4.27	19,000	9,000	19,000	9,000	6,700	6,700	3,100	22,000	10,000	22,000	10,000	22,000	10,000	22,000	10,000							
60' (18.29 m)	17	5.18	79.7	62	11	19.18	144,000	65,318	144,000	65,318	43,591	60,700	27,534	145,100	65,817	145,100	65,817	144,000	65,318	144,000	65,318							
	18	5.49	78.7	63	7	19.06	142,600	64,883	142,600	64,883	42,325	54,600	26,082	144,000	65,318	144,000	65,318	142,600	64,883	142,600	64,883							
	19	5.79	77.6	62	4	19.00	141,500	64,184	141,500	64,184	41,500	52,000	24,767	141,500	64,184	141,500	64,184	141,500	64,184	141,500	64,184							
	20	6.10	76.6	62	1	18.93	140,600	63,776	140,600	63,776	40,900	49,500	23,587	140,600	63,776	140,600	63,776	140,600	63,776	140,600	63,776							
	25	7.62	71.3	60	4	18.39	117,400	53,253	117,400	53,253	28,127	39,800	18,053	122,300	55,475	122,300	55,475	122,300	55,475	122,300	55,475							
70' (21.34 m)	30	9.14	65.9	58	9	17.68	95,100	43,137	95,100	43,137	20,900	32,900	14,923	98,200	44,544	98,200	44,544	98,200	44,544	98,200	44,544							
	35	10.67	60.2	55	1	16.79	79,400	36,016	79,400	36,016	14,800	27,800	12,610	82,100	37,241	82,100	37,241	82,100	37,241	82,100	37,241							
	40	12.19	54.0	51	6	15.88	65,000	28,484	65,000	28,484	10,200	22,800	10,342	69,500	31,525	69,500	31,525	69,500	31,525	69,500	31,525							
	45	14.63	49.7	47	3	14.50	48,900	21,274	48,900	21,274	7,348	16,200	7,348	52,200	23,678	52,200	23,678	52,200	23,678	52,200	23,678							
	50	16.24	44.1	41	0	12.50	36,400	16,511	36,400	16,511	4,700	12,300	4,700	43,700	19,800	43,700	19,800	43,700	19,800	43,700	19,800							
80' (24.38 m)	17	5.18	81.2	73	1	22.28	137,800	62,506	137,800	62,506	43,727	57,300	26,982	137,800	62,506	137,800	62,506	137,800	62,506	137,800	62,506							
	18	5.49	80.4	72	11	22.23	136,900	61,871	136,900	61,871	42,461	57,300	24,767	136,900	61,871	136,900	61,871	136,900	61,871	136,900	61,871							
	19	5.79	79.5	72	9	22.18	135,900	61,644	135,900	61,644	41,644	52,000	23,587	135,900	61,644	135,900	61,644	135,900	61,644	135,900	61,644							
	20	6.10	78.6	72	5	22.08	134,600	61,055	134,600	61,055	40,900	49,500	22,499	134,600	61,055	134,600	61,055	134,600	61,055	134,600	61,055							
	25	7.62	74.2	71	0	21.64	117,400	53,253	117,400	53,253	26,218	39,800	18,099	117,400	53,253	117,400	53,253	117,400	53,253	117,400	53,253							

See note bottom page 18.

(continued)



HC-238 Hammerhead Boom				"A" Upper & "A" Bumper Cwts.				"AB" Upper & "A" Bumper Cwts.										
Length	Radius		Angle		Boom Point		On Outriggers				On Vires (static)				On Outriggers Only			
	Feet	Meters	Degree	Degree	Feet	Meters	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms
80 (24.38 m)	15	5.79	80.9	80.9	82.11	25.27	130.100	59.013	83.139	37.694	31.900	14.460	130.100	59.013	83.139	37.694	31.900	14.460
	20	6.10	80.1	80.1	82.9	25.22	128.600	58.333	77.700	36.245	16.400	128.600	58.333	77.700	36.245	16.400	128.600	58.333
	25	7.62	76.3	76.3	81.5	24.82	113.000	51.257	57.900	26.253	11.900	54.800	24.820	11.100	50.500	22.900	10.200	46.300
	30	9.14	72.5	72.5	79.10	24.33	89.500	40.597	45.700	20.730	9.400	42.800	19.300	8.700	39.500	17.900	8.200	37.000
	35	10.67	68.5	68.5	77.10	23.72	74.700	33.884	37.400	16.965	7.600	35.200	15.900	7.100	32.300	14.600	6.500	29.600
	40	12.19	64.4	64.4	75.4	22.96	62.200	28.668	31.300	14.198	6.300	30.900	14.000	6.200	28.000	12.600	5.700	25.900
	50	15.24	55.7	55.7	69.0	21.03	47.500	21.546	23.100	10.478	4.600	22.300	10.100	4.500	21.300	9.600	4.300	19.600
	60	18.29	45.8	45.8	60.1	18.32	36.600	16.602	17.700	8.029	3.500	17.000	7.700	3.400	16.000	7.300	3.200	15.300
	70	21.34	33.6	33.6	47.0	14.33	29.300	13.290	13.900	6.305	2.800	13.000	5.900	2.700	12.300	5.600	2.500	12.000
	80	24.38	21.3	21.3	33.6	11.00	21.600	9.800	11.159	5.000	2.100	9.500	4.300	2.000	8.800	4.000	1.800	8.500
90 (27.43 m)	20	6.10	81.3	81.3	82.11	28.32	131.600	59.694	79.700	36.152	16.400	131.600	59.694	79.700	36.152	16.400	131.600	59.694
	25	7.62	77.9	77.9	81.10	27.89	119.000	53.978	67.000	26.989	11.900	119.000	53.978	67.000	26.989	11.900	119.000	53.978
	30	9.14	74.5	74.5	80.4	27.53	96.700	43.663	57.500	21.319	9.400	96.700	43.663	57.500	21.319	9.400	96.700	43.663
	35	10.67	71.1	71.1	88.7	27.00	80.900	36.695	48.400	17.418	7.800	80.900	36.695	48.400	17.418	7.800	80.900	36.695
	40	12.19	67.5	67.5	86.0	26.36	66.900	30.346	38.400	12.906	6.100	66.900	30.346	38.400	12.906	6.100	66.900	30.346
	50	15.24	60.1	60.1	81.1	24.72	48.500	22.000	27.400	10.796	4.600	48.500	22.000	27.400	10.796	4.600	48.500	22.000
	60	18.29	52.0	52.0	73.10	22.50	37.500	17.010	18.400	8.346	3.600	37.500	17.010	18.400	8.346	3.600	37.500	17.010
	70	21.34	44.0	44.0	67.7	20.60	30.600	13.808	14.500	6.577	2.800	30.600	13.808	14.500	6.577	2.800	30.600	13.808
	80	24.38	35.3	35.3	57.4	18.95	24.700	11.204	11.600	5.262	2.200	24.700	11.204	11.600	5.262	2.200	24.700	11.204
	90	27.43	26.7	26.7	48.9	14.25	20.600	9.344	9.400	4.264	1.800	20.600	9.344	9.400	4.264	1.800	20.600	9.344
100 (30.48 m)	25	7.62	80.2	80.2	102.0	31.09	117.400	53.253	59.500	25.989	11.700	117.400	53.253	59.500	25.989	11.700	117.400	53.253
	30	9.14	76.2	76.2	100.10	30.73	96.700	42.321	47.000	21.319	9.400	96.700	42.321	47.000	21.319	9.400	96.700	42.321
	35	10.67	73.1	73.1	99.3	30.26	80.900	36.695	38.400	17.418	7.800	80.900	36.695	38.400	17.418	7.800	80.900	36.695
	40	12.19	70.0	70.0	97.5	29.70	67.000	30.391	32.200	14.606	6.400	67.000	30.391	32.200	14.606	6.400	67.000	30.391
	50	15.24	63.5	63.5	92.5	28.27	48.800	22.045	23.600	10.796	4.600	48.800	22.045	23.600	10.796	4.600	48.800	22.045
	60	18.29	56.6	56.6	86.0	26.36	37.500	17.010	18.400	8.346	3.600	37.500	17.010	18.400	8.346	3.600	37.500	17.010
	70	21.34	49.0	49.0	78.4	23.87	30.600	13.808	14.500	6.577	2.800	30.600	13.808	14.500	6.577	2.800	30.600	13.808
	80	24.38	44.0	44.0	67.7	20.60	24.700	11.204	11.600	5.262	2.200	24.700	11.204	11.600	5.262	2.200	24.700	11.204
	90	27.43	35.3	35.3	57.4	15.95	20.600	9.344	9.400	4.264	1.800	20.600	9.344	9.400	4.264	1.800	20.600	9.344
	100	30.48	28.2	28.2	54.9	11.95	17.500	7.938	7.600	3.417	1.400	17.500	7.938	7.600	3.417	1.400	17.500	7.938
110 (33.53 m)	25	7.62	80.2	80.2	112.4	34.24	108.900	49.397	59.500	26.989	12.400	108.900	49.397	59.500	26.989	12.400	108.900	49.397
	30	9.14	77.5	77.5	111.1	33.86	96.900	43.918	47.000	21.319	9.400	96.900	43.918	47.000	21.319	9.400	96.900	43.918
	35	10.67	74.7	74.7	109.9	33.45	80.900	36.695	38.400	17.418	7.800	80.900	36.695	38.400	17.418	7.800	80.900	36.695
	40	12.19	71.9	71.9	108.1	32.95	67.000	30.391	32.200	14.606	6.400	67.000	30.391	32.200	14.606	6.400	67.000	30.391
	50	15.24	66.1	66.1	103.11	31.67	48.600	22.045	23.600	10.796	4.600	48.600	22.045	23.600	10.796	4.600	48.600	22.045
	60	18.29	60.1	60.1	98.5	30.00	37.500	17.010	18.400	8.346	3.600	37.500	17.010	18.400	8.346	3.600	37.500	17.010
	70	21.34	53.6	53.6	91.6	27.89	30.600	13.808	14.500	6.577	2.800	30.600	13.808	14.500	6.577	2.800	30.600	13.808
	80	24.38	46.5	46.5	82.7	25.17	24.700	11.204	11.600	5.262	2.200	24.700	11.204	11.600	5.262	2.200	24.700	11.204
	90	27.43	38.3	38.3	71.0	21.64	20.700	9.390	9.400	4.264	1.800	20.700	9.390	9.400	4.264	1.800	20.700	9.390
	100	30.48	28.2	28.2	54.9	16.68	17.500	7.938	7.600	3.417	1.400	17.500	7.938	7.600	3.417	1.400	17.500	7.938
120 (36.58 m)	30	9.14	78.6	78.6	121.5	37.01	96.900	43.818	46.900	21.274	9.300	96.900	43.818	46.900	21.274	9.300	96.900	43.818
	35	10.67	76.0	76.0	120.1	36.61	80.700	36.606	38.300	17.373	7.700	80.700	36.606	38.300	17.373	7.700	80.700	36.606
	40	12.19	73.5	73.5	118.7	36.15	67.100	30.437	32.100	14.561	6.300	67.100	30.437	32.100	14.561	6.300	67.100	30.437
	50	15.24	68.3	68.3	114.11	35.03	48.600	22.045	23.700	10.750	4.500	48.600	22.045	23.700	10.750	4.500	48.600	22.045
	60	18.29	62.9	62.9	109.0	33.83	37.400	16.865	18.200	6.268	3.100	37.400	16.865	18.200	6.268	3.100	37.400	16.865
	70	21.34	57.2	57.2	103.11	31.67	30.000	13.608	14.400	6.502	2.700	30.000	13.608	14.400	6.502	2.700	30.000	13.608
	80	24.38	51.1	51.1	96.7	29.34	24.700	11.204	11.300	5.216	2.200	24.700	11.204	11.300	5.216	2.200	24.700	11.204
	90	27.43	44.3	44.3	86.7	26.39	20.600	9.344	9.400	4.218	1.800	20.600	9.344	9.400	4.218	1.800	20.600	9.344
	100	30.48	36.6	36.6	74.3	22.64	17.500	7.938	7.600	3.417	1.400	17.500	7.938	7.600	3.417	1.400	17.500	7.938
	110	33.53	26.9	26.9	57.0	17.37	14.900	6.759	6.400	2.767	1.100	14.900	6.759	6.400	2.767	1.100	14.900	6.759
130 (39.62 m)	30	9.14	79.5	79.5	131.7	40.11	89.100	40.416	46.600	21.228	9.300	89.100	40.416	46.600	21.228	9.300	89.100	40.416
	35	10.67	77.2	77.2	130.6	39.77	72.700	33.977	38.200	17.328	7.700	72.700	33.977	38.200	17.328	7.700	72.700	33.977
	40	12.19	74.8	74.8	129.1	39.35	60.300	30.391	32.000	14.515	6.200	60.300	30.391	32.000	14.515	6.200	60.300	30.391
	50	15.24	70.1	70.1	125.9	38.33	48.500	22.000	23.600	10.750	4.500	48.500	22.000	23.600	10.750	4.500	48.500	22.000
	60	18.29	65.2	65.2	121.3	36.96	37.400	16.865	18.100	6.486	3.000	37.400	16.865	18.100	6.486	3.000	37.400	16.865
	70	21.34	60.1	60.1	115.9	35.28	29.900	13.563	14.300	6.486	2.700	29.900	13.563	14.300	6.486	2.700	29.900	13.563
	80	24.38	54.7	54.7	109.0	33.22	24.600	11.159	11.400	5.171	2.100	24.600	11.159	11.400	5.171	2.100	24.600	11.159
	90	27.43	48.8	48.8	100.													



HC-238 Hammerhead Boom		"A" Upper & "A" Bumper Cwts.										"AB" Upper & "A" Bumper Cwts.									
		On Outriggers					On Tires (static)					On Outriggers Only					On Outriggers Only				
Length	Boom Point Height "w"	Radius		Angle Degree	Feet	Rear		Side		Rear		Side		Rear		Side		Rear		Side	
		Feet	Meters			Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms
30	141' 10"	3.14	0.96	80.2	43.23	82,100	37,241	46,700	21,183	33,100	15,014	82,100	37,241	46,700	21,183	33,100	15,014	82,100	37,241	46,700	21,183
35	140' 10"	10.67	3.25	78.1	42.92	79,600	36,107	38,100	17,282	27,900	12,810	79,600	36,107	38,100	17,282	27,900	12,810	79,600	36,107	38,100	17,282
40	139' 6"	12.19	3.70	76.0	42.52	67,000	30,391	31,900	14,470	23,700	10,750	67,000	30,391	31,900	14,470	23,700	10,750	67,000	30,391	31,900	14,470
50	136' 4"	15.24	4.64	71.6	41.55	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660
60	132' 4"	18.29	5.57	67.1	40.33	37,300	16,919	18,000	8,165	12,600	5,715	37,300	16,919	18,000	8,165	12,600	5,715	37,300	16,919	18,000	8,165
70	127' 4"	21.34	6.50	62.5	38.81	29,800	13,517	14,200	6,441	9,300	4,355	29,800	13,517	14,200	6,441	9,300	4,355	29,800	13,517	14,200	6,441
80	121' 3"	24.38	7.43	57.6	37.79	24,500	11,113	11,300	5,128	7,300	3,311	24,500	11,113	11,300	5,128	7,300	3,311	24,500	11,113	11,300	5,128
90	113' 11"	27.43	8.36	52.4	34.72	20,500	9,299	9,100	4,126	5,600	2,540	20,500	9,299	9,100	4,126	5,600	2,540	20,500	9,299	9,100	4,126
100	109' 0"	30.48	9.29	46.9	32.00	17,400	7,883	7,400	3,537	4,800	1,905	17,400	7,883	7,400	3,537	4,800	1,905	17,400	7,883	7,400	3,537
110	104' 0"	33.53	10.22	40.7	28.65	14,800	6,713	5,900	2,976	3,900	1,361	14,800	6,713	5,900	2,976	3,900	1,361	14,800	6,713	5,900	2,976
120	98' 5"	36.58	11.16	33.6	24.46	12,700	5,781	4,700	2,132	3,000	953	12,700	5,781	4,700	2,132	3,000	953	12,700	5,781	4,700	2,132
130	91' 3"	39.62	12.09	24.7	18.67	11,000	4,990	3,700	1,678	2,000	544	11,000	4,990	3,700	1,678	2,000	544	11,000	4,990	3,700	1,678
140	83' 4"	42.67	13.01	15.1	14.02	7,200	3,270	3,000	1,225	1,100	489	7,200	3,270	3,000	1,225	1,100	489	7,200	3,270	3,000	1,225
150	75' 3"	45.72	13.93	10.3	10.30	5,000	2,321	2,700	850	800	321	5,000	2,321	2,700	850	800	321	5,000	2,321	2,700	850
160	67' 1"	48.77	14.85	7.6	8.15	3,100	1,426	1,900	489	400	159	3,100	1,426	1,900	489	400	159	3,100	1,426	1,900	489
35	10.67	3.25	78.1	43.23	82,100	37,241	46,700	21,183	33,100	15,014	82,100	37,241	46,700	21,183	33,100	15,014	82,100	37,241	46,700	21,183	
40	12.19	4.64	71.6	41.55	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660	
50	15.24	4.64	71.6	41.55	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660	
60	18.29	5.57	67.1	40.33	37,300	16,919	18,000	8,165	12,600	5,715	37,300	16,919	18,000	8,165	12,600	5,715	37,300	16,919	18,000	8,165	
70	21.34	6.50	62.5	38.81	29,800	13,517	14,200	6,441	9,300	4,355	29,800	13,517	14,200	6,441	9,300	4,355	29,800	13,517	14,200	6,441	
80	24.38	7.43	57.6	37.79	24,500	11,113	11,300	5,128	7,300	3,311	24,500	11,113	11,300	5,128	7,300	3,311	24,500	11,113	11,300	5,128	
90	27.43	8.36	52.4	34.72	20,500	9,299	9,100	4,126	5,600	2,540	20,500	9,299	9,100	4,126	5,600	2,540	20,500	9,299	9,100	4,126	
100	30.48	9.29	46.9	32.00	17,400	7,883	7,400	3,537	4,800	1,905	17,400	7,883	7,400	3,537	4,800	1,905	17,400	7,883	7,400	3,537	
110	33.53	10.22	40.7	28.65	14,800	6,713	5,900	2,976	3,900	953	14,800	6,713	5,900	2,976	3,900	953	14,800	6,713	5,900	2,976	
120	36.58	11.16	33.6	24.46	12,700	5,781	4,700	2,132	3,000	544	12,700	5,781	4,700	2,132	3,000	544	12,700	5,781	4,700	2,132	
130	39.62	12.09	24.7	18.67	11,000	4,990	3,700	1,678	2,000	489	11,000	4,990	3,700	1,678	2,000	489	11,000	4,990	3,700	1,678	
140	42.67	13.01	15.1	14.02	7,200	3,270	3,000	1,225	1,100	321	7,200	3,270	3,000	1,225	1,100	321	7,200	3,270	3,000	1,225	
150	45.72	13.93	10.3	10.30	5,000	2,321	2,700	850	800	159	5,000	2,321	2,700	850	800	159	5,000	2,321	2,700	850	
160	48.77	14.85	7.6	8.15	3,100	1,426	1,900	489	400	159	3,100	1,426	1,900	489	400	159	3,100	1,426	1,900	489	
35	10.67	3.25	78.1	43.23	82,100	37,241	46,700	21,183	33,100	15,014	82,100	37,241	46,700	21,183	33,100	15,014	82,100	37,241	46,700	21,183	
40	12.19	4.64	71.6	41.55	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660	
50	15.24	4.64	71.6	41.55	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660	17,000	7,711	48,400	21,954	23,500	10,660	
60	18.29	5.57	67.1	40.33	37,300	16,919	18,000	8,165	12,600	5,715	37,300	16,919	18,000	8,165	12,600	5,715	37,300	16,919	18,000	8,165	
70	21.34	6.50	62.5	38.81	29,800	13,517	14,200	6,441	9,300	4,355	29,800	13,517	14,200	6,441	9,300	4,355	29,800	13,517	14,200	6,441	
80	24.38	7.43	57.6	37.79	24,500	11,113	11,300	5,128	7,300	3,311	24,500	11,113	11,300	5,128	7,300	3,311	24,500	11,113	11,300	5,128	
90	27.43	8.36	52.4	34.72	20,500	9,299	9,100	4,126	5,600	2,540	20,500	9,299	9,100	4,126	5,600	2,540	20,500	9,299	9,100	4,126	
100	30.48	9.29	46.9	32.00	17,400	7,883	7,400	3,537	4,800	1,905	17,400	7,883	7,400	3,537	4,800	1,905	17,400	7,883	7,400	3,537	
110	33.53	10.22	40.7	28.65	14,800	6,713	5,900	2,976	3,900	953	14,800	6,713	5,900	2,976	3,900	953	14,800	6,713	5,900	2,976	
120	36.58	11.16	33.6	24.46	12,700	5,781	4,700	2,132	3,000	544	12,700	5,781	4,700	2,132	3,000	544	12,700	5,781	4,700	2,132	
130	39.62	12.09	24.7	18.67	11,000	4,990	3,700	1,678	2,000	489	11,000	4,990	3,700	1,678	2,000	489	11,000	4,990	3,700	1,678	
140	42.67	13.01	15.1	14.02	7,200	3,270	3,000	1,225	1,100	321	7,200	3,270	3,000	1,225	1,100	321	7,200	3,270	3,000	1,225	
150	45.72	13.93	10.3	10.30	5,000	2,321	2,700	850	800	159	5,000	2,321	2,700	850	800	159	5,000	2,321	2,700	850	
160	48.77	14.85	7.6	8.15	3,100	1,426	1,900	489	400	159	3,100	1,426	1,900	489	400	159	3,100	1,426	1,900	489	

(continued)

① Applicable only to machines with booms 30' (9.14 m) through 180' (54.66 m) long. On machines equipped with booms 190' (57.91 m) through 230' (70.10 m) long, bumper cwt. "AB" is required.

GENERAL INFORMATION ONLY







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