Link-Belt® HC-258 lifting crane capacities — tapered boom

PCSA Class 21-1346
Refer to notes page 9.

Boom — tubular; 80" *(2.03 m)* wide, 68" *(1.73 m)* deep with 45' *(13.72 m)* long tapered top section, 1½" *(38 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.

Mounting — rubber tire mobile base: FMC; 12 x 6 drive, 288" *(7.32 m)* wheelbase, 11' 10" *(3.61 m)* wide.

Counterweights — Refer to charts below.

GENERAL INFORMATION ONLY

Counterweights					
"A" upper		"AB" upper		"A" bumper	
Pounds	*kilograms*	Pounds	*kilograms*	Pounds	*kilograms*
21,000	*9 526*	70,000	*31 752*	22,500	*10 206*

Tapered boom or boom + jib machine can lift off ground unassisted, without load.①

Standard HC-258 must be equipped with the counterweight combinations below when the indicated boom or 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	120	*36.58*	120 + 30	*36.58 + 9.14*	120	*36.58*	120 + 30	*36.58 + 9.14*
	Maximum	290	*88.39*	250 + 70	*76.20 + 21.34*	250	*76.20*	210 + 70	*64.01 + 21.34*
"AB" upper and "A" bumper	Minimum	Not applicable		260 + 30	*79.25 + 9.14*	Not applicable			
	Maximum			300 + 70	*91.44 + 21.34*				
"AB" upper and no bumper counterweight	Minimum	120	*36.58*	120 + 30	*36.58 + 9.14*	120	*36.58*	120 + 30	*36.58 + 9.14*
	Maximum	310	*94.49*	270 + 70	*82.30 + 21.34*	290	*88.39*	250 + 70	*76.20 + 21.34*

With "A" upper and "A" bumper counterweight up to 200' *(60.96 m)* of boom can be lifted on tires over rear.②

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

Standard HC-258 must be equipped with the counterweight combinations below when the indicated boom or boom + jib lengths are used.	Minimum/ maximum boom or boom + jib lengths allowed	On tires②							
		Jobsite moves at 1 m.p.h. *(1.61 km/h)* boom at 80° boom angle, upper facing rear only.				Jobsite moves at 5 m.p.h. *(8.05 km/h)*, with boom horizontal over rear and supported with standard suspension.			
		Boom		Boom + jib		Boom		Boom + jib	
		Feet	*meters*	Feet	*meters*	Feet	*meters*	Feet	*meters*
"A" upper and "A" bumper	Minimum	120	*36.58*	Not applicable		120	*36.58*	120 + 30	*36.58 + 9.14*
	Maximum	290	*88.39*			170	*51.82*	130 + 70	*39.62 + 21.34*
"AB" upper and "A" bumper	Minimum	Not applicable		260 + 30	*79.25 + 9.14*	120	*36.58*	120 + 30	*36.58 + 9.14*
	Maximum			300 + 70	*91.44 + 21.34*	180	*54.86*	140 + 70	*42.67 + 21.34*
"AB" upper and no bumper counterweight	Minimum	120	*36.58*	120 + 30	*36.58 + 9.14*	120	*36.58*	120 + 30	*36.58 + 9.14*
	Maximum	310	*94.49*	250 + 70	*76.20 + 21.34*	170	*51.82*	130 + 70	*39.62 + 21.34*

①Limited to 85% of available stability with machine standing level on firm supporting surface.
②Air pressure in front and rear tires to be 100 p.s.i. *(690 kPa)* at 1 m.p.h., and 95 p.s.i. *(655 kPa)* at 5 m.p.h.
Note: Hook block may be carried only when attached to carrier.

Courtesy of Crane.Market

HC-258 lifting crane capacities — with tapered boom

Boom — tubular; 80" *(2.03 m)* wide, 68" *(1.73 m)* deep with 45' *(13.72 m)* long tapered top section, 1½" *(38 mm)* diameter boom pendants, boom live mast, and boom midpoint suspension pendants as required.

Mounting — rubber tire mobile base: FMC 12 x 6 drive, 288" *(7.32 m)* wheelbase, 11' 10" *(3.61 m)* wide.

Counterweights — Refer to charts page 1.

HC-258 tapered boom						"A" upper & "A" bumper① counterweights								"AB" upper & no bumper counterweights			
						On outriggers				On tires (static)				On outriggers only			
	Radius		Angle	Boom point height②		Over rear		Over side and 360° swing③		Over rear		Over side		Over rear		Over side and 360° swing③	
Length	Feet	meters	Degrees	Feet	meters	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
120' (36.58 m)	21	6.40	81.7	125' 10"	38.36	200.0*	90 7*	200.0*	90 7*	104.7*	47 4*	70.0*	31 7*	200.0*	90 7*	200.0*	90 7*
	25	7.62	79.8	125' 2"	38.16	196.2*	88 9*	176.1*	79 8*	93.5	42 4	59.4*	26 9*	196.2*	88 9*	196.2*	88 9*
	30	9.14	77.3	124' 2"	37.85	165.9*	75 2*	145.4*	65 9*	75.1	34 0	49.6*	22 4*	184.2*	83 5*	184.2*	83 5*
	35	10.67	74.9	122' 11"	37.47	141.3*	64 0*	122.9	55 7	62.5	28 3	42.2*	19 1*	157.8*	71 5*	157.8*	71 5*
	40	12.19	72.4	121' 6"	37.02	122.6*	55 6*	99.4	45 0	53.2	24 1	36.8*	16 6*	135.7*	61 5*	134.6	61 0
	50	15.24	67.3	117' 10"	35.90	95.9*	43 4*	67.2	30 4	40.4	18 3	27.9	12 6	105.0*	47 6*	97.3	44 1
	60	18.29	62.0	113' 1"	34.46	76.9	34 8	49.8	22 5	32.2	14 6	21.5	9 7	83.7*	37 9*	75.4	34 2
	70	21.34	56.4	107' 1"	32.64	62.5	28 3	38.9	17 6	26.3	11 9	17.1	7 7	69.0	31 2	61.2	27 7
	80	24.38	50.5	99' 8"	30.39	52.2	23 6	31.7	14 3	22.0	9 9	13.8	6 2	57.7	26 1	51.1	23 1
	90	27.43	44.0	90' 5"	27.57	44.5	20 1	26.3	11 9	18.6	8 4	11.3	5 1	49.3	22 3	43.5	19 7
	100	30.48	36.6	78' 8"	23.97	38.5	17 4	22.2	10 0	15.8	7 1	9.3	4 2	42.8	19 4	37.7	17 1
	110	33.53	27.6	62' 8"	19.11	33.9	15 3	18.9	8 5	13.6	6 1	7.6	3 4	37.6	17 0	33.2	15 0
	120	36.58	14.2	36' 6"	11.13	30.0	13 6	16.2	7 3	11.7	5 3	6.2	2 8	33.5	15 1	29.3	13 2
130' (39.62 m)	23	7.01	81.4	135' 8"	41.35	193.9*	87 9*	191.4*	86 8*	99.5*	45 1*	63.8*	28 9*	193.9*	87 9*	193.9*	87 9*
	25	7.62	80.6	135' 4"	41.25	189.0*	85 7*	175.6*	79 6*	93.2	42 2	58.8*	26 6*	189.0*	85 7*	189.0*	85 7*
	30	9.14	78.3	134' 5"	40.97	165.4*	75 0*	144.9*	65 7*	74.7	33 8	49.0*	22 2*	174.6*	79 1*	174.6*	79 1*
	35	10.67	76.0	133' 3"	40.62	140.9*	63 9*	122.8*	55 7*	62.2	28 2	41.7*	18 9*	156.2*	70 8*	156.2*	70 8*
	40	12.19	73.8	131' 11"	40.21	122.2*	55 4*	99.5	45 1	52.9	23 9	36.3*	16 4*	134.3*	60 9*	134.3*	60 9*
	50	15.24	69.1	128' 7"	39.19	95.5*	43 3*	67.1	30 4	40.0	18 1	27.6	12 5	103.8*	47 0*	97.1	44 0
	60	18.29	64.3	124' 3"	37.87	76.6*	34 7*	49.7	22 5	31.9	14 4	21.2	9 6	82.7*	37 5*	75.2	34 1
	70	21.34	59.3	118' 11"	36.24	62.3	28 2	38.8	17 5	26.0	11 7	16.8	7 6	68.8	31 2	61.0	27 6
	80	24.38	54.0	112' 4"	34.24	52.0	23 5	31.6	14 3	21.7	9 8	13.5	6 1	57.5	26 0	50.9	23 0
	90	27.43	48.4	104' 3"	31.79	44.3	20 0	26.2	11 8	18.3	8 3	11.0	4 9	49.1	22 2	43.3	19 6
	100	30.48	42.2	94' 5"	28.77	38.3	17 3	22.0	9 9	15.6	7 0	9.0	4 0	42.6	19 3	37.5	17 0
	110	33.53	35.1	81' 11"	24.96	33.7	15 2	18.8	8 5	13.4	6 0	7.4	3 3	37.4	16 9	33.0	14 9
	120	36.58	26.5	65' 1"	19.85	29.8	13 5	16.1	7 3	11.5	5 2	6.0	2 7	33.3	15 1	29.1	13 1
	130	39.62	13.6	37' 9"	11.50	26.5	12 0	13.9	6 3	9.9	4 4	4.8	2 1	29.7	13 4	25.9	11 7
140' (42.67 m)	24	7.32	81.6	145' 7"	44.38	181.1*	82 1*	181.1*	82 1*	96.7*	43 8*	60.6*	27 4*	181.1*	82 1*	181.1*	82 1*
	25	7.62	81.2	145' 6"	44.34	179.0*	81 1*	175.0*	79 3*	92.9	42 1	58.3*	26 4*	179.0*	81 1*	179.0*	81 1*
	30	9.14	79.2	144' 7"	44.08	164.9*	74 7*	144.0*	65 3*	74.4	33 7	48.5*	21 9*	168.5*	76 4*	168.5*	76 4*
	35	10.67	77.1	143' 7"	43.75	140.3*	63 6*	122.3*	55 4*	61.9	28 0	41.1*	18 6*	154.7*	70 1*	154.7*	70 1*
	40	12.19	75.0	142' 4"	43.37	121.6*	55 1*	99.5	45 1	52.5	23 8	35.8*	16 2*	132.9*	60 2*	132.9*	60 2*
	50	15.24	70.7	139' 3"	42.43	95.1*	43 1*	67.1	30 4	39.7	18 0	27.3	12 3	102.6*	46 5*	96.9	43 9
	60	18.29	66.3	135' 3"	41.23	76.2*	34 5*	49.5	22 4	31.6	14 3	20.9	9 4	81.7*	37 0*	74.9	33 9
	70	21.34	61.7	130' 5"	39.74	62.0	28 1	38.6	17 5	25.7	11 6	16.5	7 4	68.6	31 1	60.8	27 5
	80	24.38	57.0	124' 6"	37.94	51.7	23 4	31.4	14 2	21.3	9 6	13.2	5 9	57.2	25 9	50.6	22 9
	90	27.43	51.9	117' 4"	35.76	44.0	19 9	26.0	11 7	17.9	8 1	10.7	4 8	48.8	22 1	43.0	19 5
	100	30.48	46.5	108' 8"	33.13	38.0	17 2	21.8	9 8	15.2	6 8	8.7	3 9	42.3	19 1	37.2	16 8
	110	33.53	40.6	98' 2"	29.92	33.5	15 1	18.6	8 4	13.0	5 8	7.1	3 2	37.1	16 8	32.7	14 8
	120	36.58	33.8	85' 0"	25.90	29.6	13 4	15.9	7 2	11.2	5 0	5.7	2 5	33.1	15 0	28.9	13 1
	130	39.62	25.5	67' 5"	20.55	26.3	11 9	13.8	6 2	9.6	4 3	4.6	2 0	29.5	13 3	25.7	11 6
	140	42.67	13.1	38' 11"	11.86	23.6	10 7	11.9	5 3	8.3	3 7	3.6	1 6	26.5	12 0	23.0	10 4

① ② ③ — Refer to page 9. Capacities shown in thousand pounds and thousand kilograms.

(continued)

Courtesy of Crane Market

GENERAL INFORMATION ONLY

HC-258 tapered boom						"A" upper & "A" bumper① counterweights								"AB" upper & no bumper counterweights			
						On outriggers				On tires (static)				On outriggers only			
	Radius		Angle	Boom point height②		Over rear		Over side and 360° swing③		Over rear		Over side		Over rear		Over side and 360° swing③	
Length	Feet	meters	Degrees	Feet	meters	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
150' (45.72 m)	26	7.92	81.4	155' 5"	47.38	170.2*	77.2*	167.3*	75.8*	88.2	40.0	55.4*	25.1*	170.2*	77.2*	170.2*	77.2*
	30	9.14	79.9	154' 9"	47.17	162.2*	73.5*	143.9*	65.2*	74.0	33.5	47.9*	21.7*	162.2*	73.5*	162.2*	73.5*
	35	10.67	77.9	153' 10"	46.88	139.8*	63.4*	121.8*	55.2*	61.5	27.8	40.6*	18.4*	152.8*	69.3*	152.8*	69.3*
	40	12.19	76.0	152' 8"	46.52	121.1*	54.9*	99.4	45.0	52.1	23.6	35.2*	15.9*	131.7*	59.7*	131.7*	59.7*
	50	15.24	72.0	149' 9"	45.65	94.7*	42.9*	67.0	30.3	39.3	17.8	27.0	12.2	101.6*	46.0*	96.7	43.8
	60	18.29	67.9	146' 1"	44.54	75.8*	34.3*	49.4	22.4	31.2	14.1	20.6	9.3	80.8*	36.6*	74.6	33.8
	70	21.34	63.8	141' 8"	43.17	61.8	28.0	38.4	17.4	25.3	11.4	16.1	7.3	68.2*	30.9*	60.5	27.4
	80	24.38	59.4	136' 3"	41.52	51.4	23.3	31.2	14.1	21.0	9.5	12.9	5.8	56.9	25.8	50.3	22.8
	90	27.43	54.9	129' 9"	39.55	43.7	19.8	25.7	11.6	17.6	7.9	10.3	4.6	48.5	21.9	42.7	19.3
	100	30.48	50.0	122' 1"	37.21	37.7	17.1	21.6	9.7	14.9	6.7	8.4	3.8	42.0	19.0	36.9	16.7
	110	33.53	44.9	112' 11"	34.41	33.2	15.0	18.3	8.3	12.7	5.7	6.7	3.0	36.8	16.6	32.4	14.6
	120	36.58	39.1	101' 9"	31.02	29.3	13.2	15.7	7.1	10.9	4.9	5.4	2.4	32.8	14.8	28.6	12.9
	130	39.62	32.6	88' 0"	26.81	26.1	11.8	13.5	6.1	9.3	4.2	4.3	1.9	29.3	13.2	25.4	11.5
	140	42.67	24.6	69' 8"	21.23	23.3	10.5	11.7	5.3	8.0	3.6	3.3	1.4	26.3	11.9	22.8	10.3
	150	45.72	12.7	40' 0"	12.20	20.9	9.4	10.1	4.5	6.8	3.0	—	—	23.6	10.7	20.4	9.2
160' (48.77 m)	27	8.23	81.6	165' 5"	50.41	161.5*	73.2*	160.1*	72.6*	83.8	38.0	52.8*	23.9*	161.5*	73.2*	161.5*	73.2*
	30	9.14	80.5	164' 11"	50.27	156.2*	70.8*	143.3*	64.9*	73.6	33.3	47.3*	21.4*	156.2*	70.8*	156.2*	70.8*
	35	10.67	78.7	164' 0"	49.99	139.2*	63.1*	121.2*	54.9*	61.1	27.7	40.0*	18.1*	143.8*	65.2*	143.8*	65.2*
	40	12.19	76.9	162' 11"	49.66	120.5*	54.6*	99.2	44.9	51.8	23.4	34.7*	15.7*	130.5*	59.1*	130.5*	59.1*
	50	15.24	73.2	160' 3"	48.84	94.2*	42.7*	66.9	30.3	38.9	17.6	26.4*	11.9*	100.5*	45.5*	96.4	43.7
	60	18.29	69.4	156' 10"	47.81	75.3*	34.1*	49.2	22.3	30.9	14.0	20.2	9.1	79.8*	36.1*	74.3	33.7
	70	21.34	65.5	152' 8"	46.54	61.5	27.8	38.2	17.3	25.0	11.3	15.8	7.1	67.4*	30.5*	60.2	27.3
	80	24.38	61.5	147' 9"	45.02	51.1	23.1	31.0	14.0	20.6	9.3	12.5	5.6	56.6*	25.6*	50.0	22.6
	90	27.43	57.3	141' 10"	43.22	43.4	19.6	25.5	11.5	17.2	7.8	10.0	4.5	48.2	21.8	42.4	19.2
	100	30.48	53.0	134' 10"	41.10	37.4	16.9	21.3	9.6	14.5	6.5	8.0	3.6	41.7	18.9	36.5	16.5
	110	33.53	48.3	126' 8"	38.60	32.9	14.9	18.1	8.2	12.3	5.5	6.4	2.9	36.7	16.6	32.1	14.5
	120	36.58	43.4	116' 11"	35.64	29.0	13.1	15.4	6.9	10.5	4.7	5.0	2.2	32.5	14.7	28.3	12.8
	130	39.62	37.8	105' 3"	32.09	25.8	11.7	13.2	5.9	8.9	4.0	3.9	1.7	29.0	13.1	25.1	11.3
	140	42.67	31.6	90' 10"	27.69	23.0	10.4	11.4	5.1	7.6	3.4	—	—	26.0	11.7	22.4	10.1
	150	45.72	23.8	71' 10"	21.88	20.7	9.3	9.8	4.4	6.5	2.9	—	—	23.4	10.6	20.1	9.1
	160	48.77	12.3	41' 2"	12.54	18.6	8.4	8.5	3.8	5.4	2.4	—	—	20.8	9.4	18.1	8.2
170' (51.82 m)	29	8.84	81.4	175' 2"	53.40	149.9*	67.9*	148.1*	67.1*	76.3	34.6	48.4*	21.9*	149.9*	67.9*	149.9*	67.9*
	30	9.14	81.1	175' 1"	53.36	149.9*	67.9*	142.7*	64.7*	73.2	33.2	46.7*	21.1*	149.9*	67.9*	149.9*	67.9*
	35	10.67	79.4	174' 2"	53.09	138.5*	62.8*	120.6*	54.7*	60.7	27.5	39.4*	17.8*	138.5*	62.8*	138.5*	62.8*
	40	12.19	77.7	173' 2"	52.78	120.0*	54.4*	99.0	44.9	51.3	23.2	34.1*	15.4*	129.4*	58.6*	129.4*	58.6*
	50	15.24	74.2	170' 8"	52.02	93.7*	42.5*	66.7	30.2	38.5	17.4	25.9*	11.7*	99.6*	45.1*	96.1	43.5
	60	18.29	70.6	167' 6"	51.05	74.8*	33.9*	49.0	22.2	30.5	13.8	19.9	9.0	79.0*	35.8*	74.0	33.5
	70	21.34	67.0	163' 8"	49.87	61.2	27.7	37.9	17.1	24.6	11.1	15.4	6.9	66.5*	30.1*	59.9	27.1
	80	24.38	63.3	159' 0"	48.46	50.7	22.9	30.7	13.9	20.2	9.1	12.1	5.4	55.8*	25.3*	49.7	22.5
	90	27.43	59.5	153' 7"	46.80	43.0	19.5	25.2	11.4	16.8	7.6	9.6	4.3	47.7*	21.6*	42.1	19.0
	100	30.48	55.5	147' 2"	44.86	37.0	16.7	21.0	9.5	14.1	6.3	7.6	3.4	41.3	18.7	36.5	16.5
	110	33.53	51.3	139' 9"	42.59	32.5	14.7	17.8	8.0	11.9	5.3	6.0	2.7	36.4	16.5	31.8	14.4
	120	36.58	46.8	131' 1"	39.95	28.7	13.0	15.1	6.8	10.1	4.5	4.7	2.1	32.2	14.6	28.0	12.7
	130	39.62	42.0	120' 10"	36.84	25.4	11.5	12.9	5.8	8.6	3.9	3.5	1.5	28.6	12.9	24.8	11.2
	140	42.67	36.7	108' 8"	33.12	22.7	10.2	11.1	5.0	7.2	3.2	—	—	25.6	11.6	22.1	10.0
	150	45.72	30.6	93' 7"	28.53	20.3	9.2	9.5	4.3	6.1	2.7	—	—	23.1	10.4	19.8	8.9
	160	48.77	23.1	73' 10"	22.52	18.3	8.3	8.2	3.7	5.1	2.3	—	—	20.7	9.3	17.8	8.0
	170	51.82	11.9	42' 2"	12.86	16.5	7.4	7.0	3.1	4.2	1.9	—	—	18.3	8.3	16.0	7.2
180' (54.86 m)	30	9.14	81.6	185' 2"	56.44	134.8*	61.1*	134.8*	61.1*	73.1	33.1	46.0*	20.8*	134.8*	61.1*	134.8*	61.1*
	35	10.67	80.0	184' 4"	56.19	133.1*	60.3*	120.1*	54.4*	60.3	27.3	38.7*	17.5*	133.1*	60.3*	133.1*	60.3*
	40	12.19	78.4	183' 5"	55.90	119.4*	54.1*	98.7	44.7	50.9	23.0	33.5*	15.1*	125.8*	57.0*	125.8*	57.0*
	50	15.24	75.1	181' 0"	55.18	93.2*	42.2*	66.6	30.2	38.1	17.2	25.3*	11.4*	98.6*	44.7*	95.8	43.4
	60	18.29	71.8	178' 1"	54.27	74.3*	33.7*	48.8	22.1	30.1	13.6	19.5	8.8	78.1*	35.4*	73.7	33.4
	70	21.34	68.4	174' 5"	53.17	60.8	27.5	37.7	17.1	24.2	10.9	15.0	6.8	65.7*	29.8*	59.6	27.0
	80	24.38	64.9	170' 1"	51.85	50.4	22.8	30.4	13.7	19.8	8.9	11.7	5.3	55.1*	24.9*	49.3	22.3
	90	27.43	61.3	165' 1"	50.31	42.6	19.3	24.9	11.2	16.4	7.4	9.2	4.1	47.0*	21.3*	41.7	18.9
	100	30.48	57.6	159' 2"	48.51	36.7	16.6	20.7	9.3	13.7	6.2	7.2	3.2	40.7*	18.4*	36.1	16.3

① ② ③ — Refer to page 9. Capacities shown in thousand pounds and thousand kilograms.

(continued)

Courtesy of Crane Market

FMC

HC-258 tapered boom						"A" upper & "A" bumper① counterweights								"AB" upper & no bumper counterweights			
						On outriggers				On tires (static)				On outriggers only			
	Radius		Angle	Boom point height②		Over rear		Over side and 360° swing③		Over rear		Over side		Over rear		Over side and 360° swing③	
Length	Feet	meters	Degrees	Feet	meters	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
180' (54.86 m)	110	33.53	53.8	152' 4"	46.43	32.2	14.6	17.5	7.9	11.5	5.2	5.6	2.5	36.0	16.3	31.5	14.2
	120	36.58	49.7	144' 5"	44.03	28.3	12.8	14.8	6.7	9.7	4.3	4.3	1.9	31.8	14.4	27.6	12.5
	130	39.62	45.4	135' 4"	41.24	25.1	11.3	12.6	5.7	8.2	3.7	3.1	1.4	28.3	12.8	24.4	11.0
	140	42.67	40.8	124' 8"	37.99	22.3	10.1	10.8	4.8	6.8	3.0	—	—	25.3	11.4	21.8	9.8
	150	45.72	35.6	111' 11"	34.11	20.0	9.0	9.2	4.1	5.7	2.5	—	—	22.7	10.2	19.5	8.8
	160	48.77	29.7	96' 4"	29.36	18.0	8.1	7.9	3.5	4.7	2.1	—	—	20.3	9.2	17.5	7.9
	170	51.82	22.5	75' 11"	23.13	16.2	7.3	6.7	3.0	3.8	1.7	—	—	18.1	8.2	15.7	7.1
	180	54.86	11.6	43' 3"	13.17	14.6	6.6	5.6	2.5	3.0	1.3	—	—	16.0	7.2	14.2	6.4
190' (57.91 m)	32	9.75	81.4	195' 0"	59.43	120.5*	54.6*	120.5*	54.6*	67.2	30.4	42.4*	19.2*	120.5*	54.6*	120.5*	54.6*
	35	10.67	80.5	194' 6"	59.28	119.4*	54.1*	119.4*	54.1*	60.0	27.2	38.3*	17.3*	119.4*	54.1*	119.4*	54.1*
	40	12.19	79.0	193' 7"	59.01	114.5*	51.9*	98.6	44.7	50.6	22.9	33.1*	15.0*	114.5*	51.9*	114.5*	51.9*
	50	15.24	75.9	191' 4"	58.33	92.8*	42.0*	66.5	30.1	37.8	17.1	24.9*	11.2*	97.8*	44.3*	95.6	43.3
	60	18.29	72.8	188' 7"	57.47	74.2*	33.6*	48.6	22.0	29.7	13.4	19.2	8.7	77.4*	35.1*	73.4	33.2
	70	21.34	69.6	185' 2"	56.43	60.6	27.4	37.5	17.0	23.8	10.7	14.7	6.6	65.1*	29.5*	59.3	26.8
	80	24.38	66.3	181' 1"	55.20	50.1	22.7	30.2	13.6	19.5	8.8	11.4	5.1	54.5*	24.7*	49.1	22.2
	90	27.43	63.0	176' 4"	53.75	42.4	19.2	24.7	11.2	16.1	7.3	8.9	4.0	46.4*	21.0*	41.4	18.7
	100	30.48	59.5	170' 10"	52.08	36.4	16.5	20.5	9.2	13.4	6.0	6.9	3.1	40.1*	18.1*	35.9	16.2
	110	33.53	56.0	164' 7"	50.16	31.9	14.4	17.2	7.8	11.2	5.0	5.3	2.4	35.8*	16.2*	31.2	14.1
	120	36.58	52.2	157' 4"	47.95	28.0	12.7	14.6	6.6	9.4	4.2	4.0	1.8	31.5*	14.2*	27.4	12.4
	130	39.62	48.3	149' 0"	45.42	24.8	11.2	12.4	5.6	7.8	3.5	—	—	28.0*	12.7*	24.2	10.9
	140	42.67	44.1	139' 5"	42.50	22.1	10.0	10.5	4.7	6.5	2.9	—	—	25.0*	11.3*	21.5	9.7
	150	45.72	39.6	128' 3"	39.10	19.7	8.9	9.0	4.0	5.4	2.4	—	—	22.4*	10.1*	19.2	8.7
	160	48.77	34.6	115' 1"	35.07	17.7	8.0	7.6	3.4	4.4	1.9	—	—	20.0*	9.0*	17.2	7.8
	170	51.82	28.9	98' 11"	30.15	15.9	7.2	6.5	2.9	3.5	1.5	—	—	17.9*	8.1*	15.5	7.0
	180	54.86	21.9	77' 10"	23.73	14.4	6.5	5.4	2.4	—	—	—	—	15.9*	7.2*	13.9	6.3
	190	57.91	11.3	44' 3"	13.48	13.0	5.8	4.5	2.0	—	—	—	—	14.1*	6.3*	12.5	5.6
200' (60.96 m)	33	10.06	81.6	204' 11"	62.47	105.9*	48.0*	105.9*	48.0*	64.3	29.1	40.5*	18.3*	105.9*	48.0*	105.9*	48.0*
	35	10.67	81.0	204' 8"	62.37	105.9*	48.0*	105.9*	48.0*	59.7	27.0	37.8*	17.1*	105.9*	48.0*	105.9*	48.0*
	40	12.19	79.5	203' 9"	62.11	104.2*	47.2*	98.4	44.6	50.3	22.8	32.6*	14.7*	104.2*	47.2*	104.2*	47.2*
	50	15.24	76.6	201' 8"	61.47	92.4*	41.9*	66.3	30.0	37.4	16.9	24.4*	11.0*	95.9*	43.4*	95.4	43.2
	60	18.29	73.6	199' 0"	60.66	74.0*	33.5*	48.4	21.9	29.4	13.3	18.8*	8.5*	76.8*	34.8*	73.2	33.2
	70	21.34	70.6	195' 9"	59.67	60.3	27.3	37.3	16.9	23.5	10.6	14.4	6.5	64.5*	29.2*	59.0	26.7
	80	24.38	67.6	192' 0"	58.51	49.9	22.6	30.0	13.6	19.1	8.6	11.1	5.0	53.9*	24.4*	48.8	22.1
	90	27.43	64.4	187' 6"	57.15	42.1	19.0	24.5	11.1	15.8	7.1	8.6	3.9	45.9*	20.8*	41.1	18.6
	100	30.48	61.2	182' 4"	55.59	36.4	16.5	20.3	9.2	13.1	5.9	6.6	2.9	39.6*	17.9*	35.6	16.1
	110	33.53	57.9	176' 6"	53.79	31.7	14.3	17.0	7.7	10.9	4.9	5.0	2.2	35.5*	16.1*	30.9	14.0
	120	36.58	54.4	169' 9"	51.75	27.8	12.6	14.3	6.4	9.1	4.1	3.6	1.6	31.3*	14.1*	27.1	12.2
	130	39.62	50.8	162' 2"	49.42	24.5	11.1	12.1	5.4	7.5	3.4	—	—	27.7*	12.5*	23.9	10.8
	140	42.67	47.0	153' 5"	46.77	21.8	9.8	10.3	4.6	6.2	2.8	—	—	24.7*	11.2*	21.2	9.6
	150	45.72	43.0	143' 5"	43.72	19.4	8.7	8.7	3.9	5.1	2.3	—	—	22.0*	9.9*	18.9	8.5
	160	48.77	38.6	131' 10"	40.18	17.4	7.8	7.4	3.3	4.1	1.8	—	—	19.6*	8.8*	16.9	7.6
	170	51.82	33.7	118' 2"	36.01	15.6	7.0	6.2	2.8	3.2	1.4	—	—	17.5*	7.9*	15.2	6.8
	180	54.86	28.2	101' 6"	30.93	14.1	6.3	5.2	2.3	—	—	—	—	15.7*	7.1*	13.6	6.1
	190	57.91	21.3	79' 9"	24.31	12.7	5.7	4.2	1.9	—	—	—	—	13.9*	6.3*	12.3	5.5
	200	60.96	11.0	45' 2"	13.77	11.4	5.1	3.4	1.5	—	—	—	—	12.3*	5.5*	11.0	4.9
210' (64.01 m)	34	10.36	81.7	214' 11"	65.50	96.2*	43.6*	96.2*	43.6*	Not applicable				96.2*	43.6*	96.2*	43.6*
	35	10.67	81.4	214' 9"	65.46	95.4*	43.2*	95.4*	43.2*					95.4*	43.2*	95.4*	43.2*
	40	12.19	80.0	213' 11"	65.21	94.7*	42.9*	94.7*	42.9*					94.7*	42.9*	94.7*	42.9*
	50	15.24	77.3	211' 11"	64.60	89.9*	40.7*	66.2	30.0					89.9*	40.7*	89.9*	40.7*
	60	18.29	74.4	209' 5"	63.83	73.6*	33.3*	48.2	21.8					76.1*	34.5*	72.9	33.0
	70	21.34	71.6	206' 4"	62.90	60.0	27.2	37.0	16.7					63.9*	28.9*	58.8	26.6
	80	24.38	68.7	202' 9"	61.79	49.6	22.4	29.8	13.5					53.3*	24.1*	48.5	21.9
	90	27.43	65.7	198' 6"	60.51	41.8	18.9	24.2	10.9					45.3*	20.5*	40.8	18.5
	100	30.48	62.7	193' 8"	59.04	36.2	16.4	20.0	9.0					39.1*	17.7*	35.3	16.0
	110	33.53	59.6	188' 2"	57.36	31.4	14.2	16.7	7.5					35.2*	15.9*	30.6	13.8
	120	36.58	56.4	181' 11"	55.45	27.5	12.4	14.0	6.3					31.0*	14.0*	26.8	12.1

(continued)

① ② ③ — Refer to page 9. Capacities shown in thousand pounds and thousand kilograms.

GENERAL INFORMATION ONLY

Courtesy of Crane Market

HC-258 tapered boom						"A" upper & "A" bumper① counterweights								"AB" upper & no bumper counterweights			
						On outriggers				On tires (static)				On outriggers only			
	Radius		Angle	Boom point height②		Over rear		Over side and 360° swing③		Over rear		Over side		Over rear		Over side and 360° swing③	
Length	Feet	meters	Degrees	Feet	meters	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
210′ (64.01 m)	130	39.62	53.0	174′ 10″	53.29	24.2	10 9	11.8	5 3	Not applicable				27.4*	12 4*	23.6	10 7
	140	42.67	49.5	166′ 10″	50.85	21.5	9 7	10.0	4 5					24.3*	11 0*	20.9	9 4
	150	45.72	45.8	157′ 9″	48.07	19.1	8 6	8.4	3 8					21.6*	9 7*	18.6	8 4
	160	48.77	41.9	147′ 4″	44.90	17.1	7 7	7.1	3 2					19.2*	8 7*	16.6	7 5
	170	51.82	37.6	135′ 3″	41.24	15.3	6 9	5.9	2 6					17.2*	7 8*	14.9	6 7
	180	54.86	32.9	121′ 2″	36.92	13.8	6 2	4.9	2 2					15.3*	6 9*	13.4	6 0
	190	57.91	27.5	103′ 11″	31.68	12.4	5 6	4.0	1 8					13.7*	6 2*	12.0	5 4
	200	60.96	20.8	81′ 7″	24.87	11.2	5 0	3.2	1 4					12.1*	5 4*	10.8	4 8
	210	64.01	10.7	46′ 2″	14.06	10.0	4 5	—	—					10.6*	4 8*	9.7	4 5
220′ (67.06 m)	36	10.97	81.5	224′ 9″	68.49	86.3*	39 1*	86.3*	39 1*					86.3*	39 1*	86.3*	39 1*
	40	12.19	80.5	224′ 1″	68.30	86.3*	39 1*	86.3*	39 1*					86.3*	39 1*	86.3*	39 1*
	50	15.24	77.8	222′ 2″	67.72	83.8*	38 0*	66.0	29 9					83.8*	38 0*	83.8*	38 0*
	60	18.29	75.2	219′ 9″	66.99	73.2*	33 2*	48.0	21 7					73.3*	32 2*	73.1	33 1
	70	21.34	72.4	216′ 10″	66.10	59.8	27 1	36.8	16 6					63.2*	28 6*	58.5	26 5
	80	24.38	69.7	213′ 5″	65.05	49.3	22 3	29.6	13 4					52.7*	23 9*	48.2	21 8
	90	27.43	66.9	209′ 5″	63.84	41.5	18 8	24.0	10 8					44.8*	20 3*	40.5	18 3
	100	30.48	64.0	204′ 11″	62.45	35.9	16 2	19.8	8 9					38.5*	17 4*	35.0	15 8
	110	33.53	61.1	199′ 8″	60.87	31.1	14 1	16.4	7 4					34.9*	15 8*	30.3	13 7
	120	36.58	58.1	193′ 10″	59.08	27.2	12 3	13.8	6 2					30.7*	13 9*	26.5	12 0
	130	39.62	55.0	187′ 3″	57.06	23.9	10 8	11.6	5 2					26.9*	12 2*	23.3	10 5
	140	42.67	51.7	179′ 9″	54.79	21.2	9 6	9.7	4 3					23.8*	10 7*	20.6	9 3
	150	45.72	48.3	171′ 4″	52.23	18.8	8 5	8.1	3 6					21.1*	9 5*	18.3	8 3
	160	48.77	44.7	161′ 11″	49.34	16.8	7 6	6.8	3 0					18.8*	8 5*	16.3	7 3
	170	51.82	40.9	151′ 1″	46.05	15.0	6 8	5.6	2 5					16.8*	7 6*	14.6	6 6
	180	54.86	36.7	138′ 8″	42.26	13.5	6 1	4.6	2 0					14.9*	6 7*	13.0	5 8
	190	57.91	32.1	124′ 1″	37.81	12.1	5 4	3.7	1 6					13.3*	6 0*	11.7	5 3
	200	60.96	26.8	106′ 4″	32.42	10.9	4 9	—	—					11.8*	5 3*	10.5	4 7
	210	64.01	20.3	83′ 5″	25.43	9.7	4 3	—	—					10.5*	4 7*	9.4	4 2
	220	67.06	10.5	47′ 1″	14.35	8.7	3 9	—	—					9.1*	4 1*	8.4	3 8
230′ (70.10 m)	37	11.28	81.7	234′ 8″	71.53	78.5*	35 6*	78.5*	35 6*					78.5*	35 6*	78.5*	35 6*
	40	12.19	80.9	234′ 3″	71.39	78.5*	35 6*	78.5*	35 6*					78.5*	35 6*	78.5*	35 6*
	50	15.24	78.4	232′ 5″	70.83	77.3*	35 0*	65.9	29 8					77.3*	35 0*	77.3*	35 0*
	60	18.29	75.8	230′ 1″	70.13	68.8*	31 2*	47.8	21 6					68.8*	31 2*	68.8*	31 2*
	70	21.34	73.2	227′ 4″	69.29	59.5	26 9	36.6	16 6					61.0*	27 6*	58.2	26 3
	80	24.38	70.6	224′ 1″	68.30	49.0	22 2	29.3	13 2					52.2*	23 6*	47.9	21 7
	90	27.43	68.0	220′ 3″	67.14	41.2	18 6	23.7	10 7					44.2*	20 0*	40.2	18 2
	100	30.48	65.2	215′ 11″	65.82	35.6	16 1	19.5	8 8					38.0*	17 2*	34.8	15 7
	110	33.53	62.5	211′ 1″	64.33	30.8	13 9	16.2	7 3					33.7*	15 2*	30.0	13 6
	120	36.58	59.6	205′ 6″	62.64	26.9	12 2	13.5	6 1					30.0*	13 6*	26.2	11 8
	130	39.62	56.7	199′ 4″	60.75	23.6	10 7	11.3	5 1					26.5*	12 0*	23.0	10 4
	140	42.67	53.6	192′ 4″	58.62	20.9	9 4	9.4	4 2					23.3*	10 5*	20.3	9 2
	150	45.72	50.5	184′ 7″	56.25	18.5	8 3	7.9	3 5					20.7*	9 3*	18.0	8 1
	160	48.77	47.2	175′ 10″	53.58	16.5	7 4	6.5	2 9					18.4*	8 3*	16.0	7 2
	170	51.82	43.7	165′ 11″	50.58	14.7	6 6	5.3	2 4					16.3*	7 3*	14.3	6 4
	180	54.86	39.9	154′ 9″	47.17	13.2	5 9	4.3	1 9					14.5*	6 5*	12.7	5 7
	190	57.91	35.9	141′ 11″	43.26	11.8	5 3	3.4	1 5					12.9*	5 8*	11.4	5 1
	200	60.96	31.4	126′ 11″	38.68	10.5	4 7	—	—					11.5*	5 2*	10.2	4 6
	210	64.01	26.2	108′ 9″	33.13	9.4	4 2	—	—					10.1*	4 5*	9.1	4 1
	220	67.06	19.8	85′ 2″	25.97	8.4	3 8	—	—					8.9*	4 0*	8.1	3 6
	230	70.10	10.2	48′ 0″	14.62	7.5	3 4	—	—					7.7*	3 4*	7.2	3 2
240′ (73.15 m)	39	11.89	81.5	244′ 6″	74.52	68.9*	31 2*	68.9*	31 2*					68.9*	31 2*	68.9*	31 2*
	40	12.19	81.3	244′ 4″	74.47	68.9*	31 2*	68.9*	31 2*					68.9*	31 2*	68.9*	31 2*
	50	15.24	78.9	242′ 7″	73.94	67.8	30 7	65.8	29 8					67.8*	30 7*	67.8*	30 7*
	60	18.29	76.4	240′ 5″	73.27	65.2	29 5	47.7	21 6					65.2*	29 5*	65.2*	29 5*
	70	21.34	74.0	237′ 9″	72.47	58.2	26 3	36.4	16 5					58.2*	26 3*	57.9	26 2
	80	24.38	71.5	234′ 8″	71.52	48.7	22 0	29.1	13 1					52.0*	23 5*	47.6	21 5
	90	27.43	68.9	231′ 0″	70.42	40.8	18 5	23.5	10 6					45.0*	20 4*	39.9	18 0

① ② ③ — Refer to page 9. Capacities shown in thousand pounds and thousand kilograms.

(continued)

Courtesy of Crane.Market

FMC

HC-258 tapered boom						"A" upper & "A" bumper① counterweights								"AB" upper & no bumper counterweights			
						On outriggers				On tires (static)				On outriggers only			
	Radius		Angle	Boom point height②		Over rear		Over side and 360° swing③		Over rear		Over side		Over rear		Over side and 360° swing③	
Length	Feet	meters	Degrees	Feet	meters	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
240' (73.15 m)	100	30.48	66.3	226' 11"	69.16	35.3	16 0	19.2	8 7	Not applicable				38.7*	17 5*	34.4	15 6
	110	33.53	63.7	222' 3"	67.74	30.4	13 7	15.9	7 2					33.6*	15 2*	29.7	13 4
	120	36.58	61.0	217' 0"	66.15	26.5	12 0	13.2	5 9					30.3	13 6	25.8	11 7
	130	39.62	58.2	211' 2"	64.36	23.3	10 5	10.9	4 9					26.5	12 0	22.6	10 2
	140	42.67	55.4	204' 7"	62.37	20.5	9 2	9.1	4 1					23.5	10 6	19.9	9 0
	150	45.72	52.4	197' 4"	60.15	18.2	8 2	7.5	3 4					20.9	9 4	17.6	7 9
	160	48.77	49.4	189' 2"	57.67	16.1	7 3	6.1	2 7					18.7	8 4	15.6	7 0
	170	51.82	46.1	180' 1"	54.90	14.3	6 4	5.0	2 2					16.7	7 5	13.9	6 3
	180	54.86	42.7	169' 11"	51.79	12.8	5 8	3.9	1 7					15.0	6 8	12.4	5 6
	190	57.91	39.1	158' 4"	48.27	11.4	5 1	3.0	1 3					13.5	6 1	11.0	4 9
	200	60.96	35.1	145' 2"	44.23	10.2	4 6	—	—					12.2	5 5	9.8	4 4
	210	64.01	30.7	129' 8"	39.53	9.0	4 0	—	—					11.0	4 9	8.7	3 9
	220	67.06	25.7	111' 0"	33.84	8.0	3 6	—	—					9.8	4 4	7.7	3 4
	230	70.10	19.4	86' 11"	26.49	7.1	3 2	—	—					8.7	3 9	6.8	3 0
	240	73.15	10.0	48' 10"	14.89	6.3	2 8	—	—					7.4	3 3	6.0	2 7
250' (76.20 m)	40	12.19	81.6	254' 5"	77.56	63.7*	28 8*	63.7*	28 8*					63.7*	28 8*	63.7*	28 8*
	50	15.24	79.3	252' 9"	77.04	62.2*	28 2*	62.2*	28 2*					62.2*	28 2*	62.2*	28 2*
	60	18.29	77.0	250' 8"	76.41	59.8*	27 1*	47.5	21 5					59.8*	27 1*	59.8*	27 1*
	70	21.34	74.6	248' 2"	75.63	54.6*	24 7*	36.1	16 3					54.6*	24 7*	54.6*	24 7*
	80	24.38	72.2	245' 2"	74.73	48.4	21 9	28.9	13 1					49.9*	22 6*	47.3	21 4
	90	27.43	69.8	241' 9"	73.68	40.5	18 3	23.2	10 5					45.4	20 5	39.6	17 9
	100	30.48	67.3	237' 10"	72.48	35.0	15 8	18.9	8 5					38.8	17 5	34.1	15 4
	110	33.53	64.8	233' 4"	71.13	30.1	13 6	15.6	7 0					33.2	15 0	29.4	13 3
	120	36.58	62.3	228' 5"	69.61	26.2	11 8	12.9	5 8					29.7	13 4	25.5	11 5
	130	39.62	59.6	222' 10"	67.92	22.9	10 3	10.7	4 8					26.1	11 8	22.3	10 1
	140	42.67	57.0	216' 8"	66.04	20.2	9 1	8.8	3 9					23.1	10 4	19.6	8 8
	150	45.72	54.2	209' 10"	63.95	17.8	8 0	7.2	3 2					20.6	9 3	17.3	7 8
	160	48.77	51.3	202' 2"	61.63	15.8	7 1	5.8	2 6					18.4	8 3	15.3	6 9
	170	51.82	48.3	193' 9"	59.05	14.0	6 3	4.7	2 1					16.4	7 4	13.6	6 1
	180	54.86	45.1	184' 4"	56.18	12.5	5 6	3.6	1 6					14.7	6 6	12.0	5 4
	190	57.91	41.8	173' 9"	52.96	11.1	5 0	—	—					13.2	5 9	10.7	4 8
	200	60.96	38.2	161' 10"	49.34	9.8	4 4	—	—					11.8	5 3	9.4	4 2
	210	64.01	34.4	148' 3"	45.19	8.7	3 9	—	—					10.6	4 8	8.4	3 8
	220	67.06	30.1	132' 5"	40.35	7.7	3 4	—	—					9.5	4 3	7.4	3 3
	230	70.10	25.1	113' 3"	34.52	6.8	3 0	—	—					8.5	3 8	6.5	2 9
	240	73.15	19.0	88' 7"	27.01	6.0	2 7	—	—					7.6	3 4	5.7	2 5
	250	76.20	9.8	49' 9"	15.16	5.2	2 3	—	—					6.8	3 0	4.9	2 2
260' (79.25 m)	42	12.80	81.5	264' 3"	80.55	58.2*	26 3*	58.2*	26 3*					58.2*	26 3*	58.2*	26 3*
	50	15.24	79.7	262' 11"	80.14	57.3*	25 9*	57.3*	25 9*					57.3*	25 9*	57.3*	25 9*
	60	18.29	77.5	260' 11"	79.53	54.6*	24 7*	47.3	21 4					54.6*	24 7*	54.6*	24 7*
	70	21.34	75.2	258' 6"	78.79	50.3*	22 8*	36.4	16 5					50.3*	22 8*	50.3*	22 8*
	80	24.38	72.9	255' 8"	77.92	46.4*	21 0*	28.6	12 9					46.4*	21 0*	46.4*	21 0*
	90	27.43	70.6	252' 4"	76.92	40.2	18 2	23.0	10 4					42.0*	19 0*	39.3	17 8
	100	30.48	68.3	248' 7"	75.77	34.7	15 7	18.7	8 4					35.8*	16 2*	33.8	15 3
	110	33.53	65.9	244' 4"	74.48	29.8	13 5	15.3	6 9					33.0*	14 9*	29.1	13 1
	120	36.58	63.4	239' 7"	73.04	25.9	11 7	12.6	5 7					29.4	13 3	25.2	11 4
	130	39.62	60.9	234' 4"	71.43	22.6	10 2	10.4	4 7					25.8	11 7	22.0	9 9
	140	42.67	58.4	228' 6"	69.64	19.9	9 0	8.5	3 8					22.8	10 3	19.3	8 7
	150	45.72	55.7	222' 0"	67.67	17.5	7 9	6.9	3 1					20.3	9 2	17.0	7 7
	160	48.77	53.0	214' 10"	65.49	15.5	7 0	5.5	2 4					18.0	8 1	15.0	6 8
	170	51.82	50.2	206' 11"	63.07	13.7	6 2	4.3	1 9					16.1	7 3	13.2	5 9
	180	54.86	47.3	198' 2"	60.40	12.1	5 4	3.3	1 4					14.4	6 5	11.7	5 3
	190	57.91	44.2	188' 5"	57.43	10.7	4 8	—	—					12.9	5 8	10.3	4 6
	200	60.96	41.0	177' 7"	54.12	9.5	4 3	—	—					11.5	5 2	9.1	4 1

(continued)

① ② ③ — Refer to page 9. Capacities shown in thousand pounds and thousand kilograms.

GENERAL INFORMATION ONLY

Courtesy of Crane Market

HC-258 tapered boom						"A" upper & "A" bumper ① counterweights								"AB" upper & no bumper counterweights			
						On outriggers				On tires (static)				On outriggers only			
	Radius		Angle	Boom point height②		Over rear		Over side and 360° swing③		Over rear		Over side		Over rear		Over side and 360° swing③	
Length	Feet	meters	Degrees	Feet	meters	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
260' (79.25 m)	210	64.01	37.5	165' 4"	50.38	8.4	3.8	—	—	Not applicable				10.3	4.6	8.0	3.6
	220	67.06	33.7	151' 4"	46.12	7.4	3.3	—	—					9.2	4.1	7.0	3.1
	230	70.10	29.5	135' 1"	41.16	6.5	2.9	—	—					8.2	3.7	6.1	2.7
	240	73.15	24.6	115' 6"	35.20	5.6	2.5	—	—					7.3	3.5	5.3	2.4
	250	76.20	18.7	90' 3"	27.51	4.9	2.2	—	—					6.5	2.9	4.6	2.0
	260	79.25	9.6	50' 7"	15.42	4.2	1.9	—	—					5.7	2.5	3.9	1.7
270' (82.30 m)	43	13.11	81.6	274' 3"	83.58	53.9*	24.4*	53.9*	24.4*					53.9*	24.4*	53.9*	24.4*
	50	15.24	80.1	273' 1"	83.24	53.1*	24.0*	53.1*	24.0*					53.1*	24.0*	53.1*	24.0*
	60	18.29	78.0	271' 2"	82.65	50.6*	22.9*	47.0*	21.3*					50.6*	22.9*	50.6*	22.9*
	70	21.34	75.8	268' 10"	81.94	46.6*	21.1*	36.2	16.4					46.6*	21.1*	46.6*	21.1*
	80	24.38	73.6	266' 1"	81.10	42.6*	19.3*	28.4	12.8					42.6*	19.3*	42.6*	19.3*
	90	27.43	71.4	262' 11"	80.14	38.9*	17.6*	22.7	10.2					38.9*	17.6*	38.9*	17.6*
	100	30.48	69.1	259' 4"	79.04	32.9*	14.9*	18.4	8.3					32.9*	14.9*	32.9*	14.9*
	110	33.53	66.8	255' 3"	77.81	29.5	13.3	15.0	6.8					30.3*	13.7*	28.8*	13.0*
	120	36.58	64.5	250' 9"	76.43	25.6	11.6	12.3	5.5					27.9*	12.6*	24.9	11.2
	130	39.62	62.1	245' 9"	74.90	22.3	10.1	10.1	4.5					25.5	11.5	21.7	9.8
	140	42.67	59.7	240' 2"	73.20	19.6	8.8	8.2	3.7					22.5	10.2	19.0	8.6
	150	45.72	57.2	234' 0"	71.33	17.2	7.8	6.6	2.9					19.9	9.0	16.7	7.5
	160	48.77	54.6	227' 3"	69.26	15.2	6.8	5.2	2.3					17.7	8.0	14.7	6.6
	170	51.82	52.0	219' 9"	66.99	13.4	6.0	4.0	1.8					15.8	7.1	12.9	5.8
	180	54.86	49.2	211' 7"	64.48	11.8	5.3	3.0	1.3					14.1	6.3	11.4	5.1
	190	57.91	46.4	202' 6"	61.72	10.4	4.7	—	—					12.5	5.6	10.0	4.5
	200	60.96	43.3	192' 5"	58.66	9.2	4.1	—	—					11.2	5.0	8.8	3.9
	210	64.01	40.2	181' 3"	55.24	8.1	3.6	—	—					10.0	4.5	7.7	3.4
	220	67.06	36.7	168' 8"	51.40	7.1	3.2	—	—					8.9	4.0	6.7	3.0
	230	70.10	33.0	154' 4"	47.03	6.1	2.7	—	—					7.9	3.5	5.8	2.6
	240	73.15	28.9	137' 8"	41.96	5.3	2.4	—	—					7.0	3.1	5.0	2.2
	250	76.20	24.2	117' 8"	35.85	4.5	2.0	—	—					6.1	2.7	4.2	1.9
	260	79.25	18.3	91' 11"	28.01	3.8	1.7	—	—					5.4	2.4	3.6	1.6
	270	82.30	9.4	51' 5"	15.67	3.1	1.4	—	—					4.7	2.1	—	—
280' (85.34 m)	45	13.72	81.5	284' 0"	86.57	49.4*	22.4*	49.4*	22.4*					49.9*	22.4*	49.4*	22.4*
	50	15.24	80.5	283' 3"	86.33	48.7*	22.0*	48.7*	22.0*					48.7*	22.0*	48.7*	22.0*
	60	18.29	78.4	281' 5"	85.76	46.8*	21.2*	46.8*	21.2*					46.8*	21.2*	46.8*	21.2*
	70	21.34	76.3	279' 2"	85.08	42.7*	19.3*	35.9	16.2					42.7*	19.3*	42.7*	19.3*
	80	24.38	74.2	276' 6"	84.28	38.7*	17.5*	28.1	12.7					38.7*	17.5*	38.7*	17.5*
	90	27.43	72.0	273' 6"	83.35	31.9*	14.4*	22.4	10.1					31.9*	14.4*	31.9*	14.4*
	100	30.48	69.9	270' 0"	82.30	28.4*	12.8*	18.1	8.2					28.4*	12.8*	28.4*	12.8*
	110	33.53	67.7	266' 1"	81.11	25.5*	11.5*	14.7	6.6					25.5*	11.5*	25.5*	11.5*
	120	36.58	65.4	261' 9"	79.79	23.1*	10.4*	12.0	5.4					23.1*	10.4*	23.1*	10.4*
	130	39.62	63.2	257' 0"	78.33	21.1*	9.5*	9.8	4.4					21.1*	9.5*	21.1*	9.5*
	140	42.67	60.9	251' 8"	76.71	19.2	8.7	7.9	3.5					19.3*	8.7*	18.7	8.4
	150	45.72	58.5	245' 10"	74.93	16.9	7.6	6.3	2.8					17.6*	7.9*	16.3	7.3
	160	48.77	56.1	239' 5"	72.97	14.8	6.7	4.9	2.2					16.2*	7.3*	14.3	6.4
	170	51.82	53.6	232' 4"	70.82	13.0	5.8	3.7	1.6					14.7*	6.6*	12.6	5.7
	180	54.86	51.0	224' 7"	68.46	11.5	5.2	—	—					13.4*	6.0*	11.0	4.9
	190	57.91	48.3	216' 1"	65.87	10.1	4.5	—	—					12.1*	5.4*	9.7	4.3
	200	60.96	45.5	206' 9"	63.01	8.8	3.9	—	—					10.8	4.8	8.4	3.8
	210	64.01	42.5	196' 5"	59.86	7.7	3.4	—	—					9.6	4.3	7.3	3.3
	220	67.06	39.4	184' 10"	56.35	6.7	3.0	—	—					8.5	3.8	6.4	2.9
	230	70.10	36.1	171' 11"	52.41	5.8	2.6	—	—					7.5	3.4	5.5	2.4
	240	73.15	32.4	157' 3"	47.93	5.0	2.2	—	—					6.6	2.9	4.6	2.0
	250	76.20	28.4	140' 2"	42.74	4.2	1.9	—	—					5.8	2.6	3.9	1.7
	260	79.25	23.7	119' 9"	36.50	3.4	1.5	—	—					5.0	2.2	3.2	1.4
	270	82.30	18.0	93' 6"	28.50	—	—	—	—					3.9	1.7	—	—

① ② ③ — Refer to page 9. Capacities shown in thousand pounds and thousand kilograms.

(continued)

GENERAL INFORMATION ONLY

Courtesy of Crane.Market

HC-258 tapered boom						"A" upper & "A" bumper ① counterweights								"AB" upper & no bumper counterweights			
						On outriggers				On tires (static)				On outriggers only			
	Radius		Angle	Boom point height②		Over rear		Over side and 360° swing③		Over rear		Over side		Over rear		Over side and 360° swing④	
Length	Feet	meters	Degrees	Feet	meters	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
290' (88.39 m)	46	14.02	81.6	294' 0"	89.61	45.9*	20.8*	45.9*	20.8*	Not applicable				45.9*	20.8*	45.9*	20.8*
	50	15.24	80.8	293' 5"	89.42	45.2*	20.5*	45.2*	20.5*					45.2*	20.5*	45.2*	20.5*
	60	18.29	78.8	291' 7"	88.87	43.1*	19.5*	43.1*	19.5*					43.1*	19.5*	43.1*	19.5*
	70	21.34	76.8	289' 5"	88.21	39.4*	17.8	35.7	16.1					39.4*	17.8*	39.4*	17.8*
	80	24.38	74.7	286' 11"	87.44	32.9*	14.9*	27.8	12.6					32.9*	14.9*	32.9*	14.9*
	90	27.43	72.7	283' 11"	86.55	30.1*	13.6*	22.1	10.0					30.1*	13.6*	30.1*	13.6*
	100	30.48	70.6	280' 8"	85.54	27.4*	12.4*	17.8	8.0					27.4*	12.4*	27.4*	12.4*
	110	33.53	68.5	276' 11"	84.40	25.3*	11.4*	14.4	6.5					25.3*	11.4*	25.3*	11.4*
	120	36.58	66.3	272' 9"	83.13	23.3*	10.5*	11.7	5.3					23.3*	10.5*	23.3*	10.5*
	130	39.62	64.2	268' 2"	81.73	21.5*	9.7*	9.4	4.2					21.5*	9.7*	21.0	9.5
	140	42.67	62.0	263' 1"	80.18	18.9	8.5	7.6	3.4					19.8*	8.9*	18.3	8.3
	150	45.72	59.7	257' 6"	78.48	16.5	7.4	6.0	2.7					18.2*	8.2*	16.0	7.2
	160	48.77	57.4	251' 4"	76.61	14.5	6.5	4.6	2.0					16.6*	7.5*	14.0	6.3
	170	51.82	55.0	244' 8"	74.57	12.7	5.7	3.4	1.5					15.1	6.8	12.2	5.5
	180	54.86	52.6	237' 4"	72.34	11.1	5.0	—	—					13.4	6.0	10.7	4.8
	190	57.91	50.0	229' 4"	69.89	9.7	4.3	—	—					11.9	5.3	9.3	4.2
	200	60.96	47.4	220' 6"	67.22	8.5	3.8	—	—					10.5	4.7	8.1	3.6
	210	64.01	44.6	210' 11"	64.28	7.4	3.3	—	—					9.3	4.2	7.0	3.1
	220	67.06	41.8	200' 3"	61.03	6.4	2.9	—	—					8.2	3.7	6.0	2.7
	230	70.10	38.7	188' 5"	57.43	5.5	2.4	—	—					7.2	3.2	5.1	2.3
	240	73.15	35.4	175' 2"	53.39	4.6	2.0	—	—					6.3	2.8	4.3	1.9
	250	76.20	31.8	160' 2"	48.81	3.7	1.6	—	—					5.4	2.4	3.6	1.6
	260	79.25	27.9	142' 9"	43.50	3.0	1.3	—	—					4.7	2.1	—	—
	270	82.30	23.3	121' 10"	37.14	—	—	—	—					4.0	1.8	—	—
	280	85.34	17.7	95' 1"	28.97	—	—	—	—					3.3	1.4	—	—
300' (91.44 m)	47	14.33	81.7	303' 11"	92.65	Not applicable								42.6*	19.3*	42.6*	19.3*
	50	15.24	81.1	303' 6"	92.51									42.2*	19.1*	42.2*	19.1*
	60	18.29	79.2	301' 9"	91.98									36.3*	16.4*	36.3*	16.4*
	70	21.34	77.2	299' 8"	91.34									33.2*	15.0*	33.2*	15.0*
	80	24.38	75.3	297' 3"	90.60									30.6*	13.8*	30.6*	13.8*
	90	27.43	73.3	294' 5"	89.74									28.2*	12.7*	28.2*	12.7*
	100	30.48	71.3	291' 3"	88.76									25.7*	11.6*	25.7*	11.6*
	110	33.53	69.2	287' 7"	87.67									23.7*	10.7*	23.7*	10.7*
	120	36.58	67.2	283' 8"	86.45									21.9*	9.9*	21.9*	9.9*
	130	39.62	65.1	279' 2"	85.10									19.8*	8.9*	19.8*	8.9*
	140	42.67	63.0	274' 4"	83.62									18.3*	8.3*	18.0	8.1
	150	45.72	60.8	269' 0"	81.99									16.8*	7.6*	15.7	7.1
	160	48.77	58.6	263' 2"	80.21									15.5*	7.0*	13.7	6.2
	170	51.82	56.3	256' 9"	78.26									14.5*	6.5*	11.9	5.3
	180	54.86	54.0	249' 10"	76.14									13.0	5.8	10.4	4.7
	190	57.91	51.6	242' 3"	73.83									11.5	5.2	9.0	4.0
	200	60.96	49.1	233' 11"	71.30									10.2	4.6	7.8	3.5
	210	64.01	46.5	224' 10"	68.54									8.9	4.0	6.7	3.0
	220	67.06	43.9	214' 11"	65.51									7.8	3.5	5.7	2.5
	230	70.10	41.0	204' 0"	62.18									6.8	3.0	4.8	2.1
	240	73.15	38.0	191' 11"	58.49									5.9	2.6	4.0	1.8
	250	76.20	34.8	178' 4"	54.35									5.1	2.3	3.2	1.4
	260	79.25	31.3	162' 11"	49.67									4.3	1.9	—	—
	270	82.30	27.4	145' 2"	44.25									3.6	1.6	—	—
	280	85.34	22.9	123' 11"	37.76									3.0	1.3	—	—
310' (94.49 m)	49	14.94	81.6	313' 9"	95.64									39.5*	17.9*	39.5*	17.9*
	50	15.24	81.4	313' 7"	95.59									35.2*	15.9*	35.2*	15.9*
	60	18.29	79.5	311' 11"	95.08									33.5*	15.1*	33.5*	15.1*
	70	21.34	77.6	309' 11"	94.46									30.9*	14.0*	30.9*	14.0*
	80	24.38	75.7	307' 7"	93.74									28.5*	12.9*	28.5*	12.9*
	90	27.43	73.8	304' 10"	92.91									26.0*	11.7*	26.0*	11.7*
	100	30.48	71.9	301' 9"	91.97									24.0*	10.8*	24.0*	10.8*

(continued)

① ② ④ — Refer to page 9. Capacities shown in thousand pounds and thousand kilograms.

GENERAL INFORMATION ONLY

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HC-258 tapered boom						"A" upper & "A" bumper ① counterweights								"AB" upper & no bumper counterweights			
						On outriggers				On tires (static)				On outriggers only			
	Radius		Angle	Boom point height②		Over rear		Over side and 360° swing③		Over rear		Over side		Over rear		Over side and 360° swing③	
Length	Feet	meters	Degrees	Feet	meters	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
310' (94.49 m)	110	33.53	69.9	298' 4"	90.92	Not applicable				Not applicable				22.1*	10 0*	22.1*	10 0*
	120	36.58	68.0	294' 5"	89.75									20.0*	9 0*	20.0*	9 0*
	130	39.62	65.9	290' 2"	88.45									18.5*	8 3*	18.5*	8 3*
	140	42.67	63.9	285' 6"	87.02									17.0*	7 7*	17.0*	7 7*
	150	45.72	61.8	280' 5"	85.46									15.7*	7 1*	15.3	6 9
	160	48.77	59.7	274' 10"	83.76									14.5*	6 5*	13.3	6 0
	170	51.82	57.5	268' 8"	81.90									13.3*	6 0*	11.6	5 2
	180	54.86	55.3	262' 1"	79.88									12.3*	5 5*	10.0	4 5
	190	57.91	53.1	254' 10"	77.68									11.2	5 0	8.6	3 9
	200	60.96	50.7	247' 0"	75.29									9.8	4 4	7.4	3 3
	210	64.01	48.3	238' 5"	72.68									8.6	3 9	6.3	2 8
	220	67.06	45.7	229' 2"	69.84									7.5	3 4	5.3	2 4
	230	70.10	43.1	218' 11"	66.73									6.5	2 9	4.4	1 9
	240	73.15	40.3	207' 9"	63.31									5.6	2 5	3.6	1 6
	250	76.20	37.4	195' 4"	59.53									4.7	2 1	—	—
	260	79.25	34.2	181' 5"	55.30									4.0	1 8	—	—
	270	82.30	30.8	165' 9"	50.52									3.3	1 4	—	—

Capacities shown in thousand pounds and thousand kilograms.

① Applicable only to machines with booms 120' *(36.58 m)* through 290' *(88.39 m)* long — without jib. "AB" upper and no bumper counterweights are applicable for booms 120' *(36.58 m)* through 310' *(94.49 m)* long — without jib and 120' *(36.58 m)* through 250' *(76.20 m)* long — with jib. "AB" upper and "A" bumper counterweights are required for booms 260' *(79.25 m)* through 300' *(91.44 m)* long — with jib.

② Measured vertically from center of boom head sheaves 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.

Notes — lifting crane capacities; tubular boom with tapered top section.

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, spreader bar, or other suspended gear.
3. Boom midpoint suspension pendants required for boom lengths exceeding 230' *(70.10 m)*.
4. Main boom length with "AB" upper and no bumper counterweight must not exceed 310' *(94.49 m)*.
5. For lifting 200,000 lbs. *(90,720 kg)*, 6-part load hoist line (1⅛" — *29 mm* dia., type "N" wire rope) is required. Check parts of line required for all capacities.
6. Jib cannot be used on boom longer than 300' *(91.44 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. Boom live mast must be used for all capacities on this chart.
10. Boom live mast may be used as short boom for machine assembly/disassembly only — it is not to be used for general lift crane service.
    a. Maximum lifting capacity of mast is 70,000 lbs. *(31 753 kg)* from 12' *(3.66 m)* to 33' *(10.06 m)* maximum radius with machine on outriggers (front and rear) with "A" upper ctwt.
    b. Minimum 3-part load hoist line (1⅛" — *29 mm* dia., type "N" wire rope) — **off rear main operating drum only** — required to lift 70,000 lbs. *(31 752 kg)* load.
11. Least stable position is over side.
12. 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 — 2,600 lbs. *(1 179 kg)*
    50' *(15.24 m)* jib — 3,300 lbs. *(1 496 kg)*
    70' *(21.34 m)* jib — 4,000 lbs. *(1 814 kg)*
13. Boom must be assembled per boom make-up label #28P674.
14. When making lifts on outriggers, machine must be level and supported on fully extended and set outriggers with tires free of supporting surface.
15. Capacities apply only to the machine as originally manufactured and normally equipped by FMC Corporation, Cable Crane and Excavator Division.

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HC-258 boom/jib working ranges — tapered boom

Boom — tubular; 80″ *(2.03 m)* wide, 68″ *(1.73 m)* deep with 45′ *(13.72 m)* long tapered top section, 1½″ *(38 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.

Mounting — rubber tire mobile base: FMC 12 x 6 drive, 288″ *(7.32 m)* wheelbase, 11′ 10″ *(3.61 m)* wide.

Counterweights — Refer to charts page 1.

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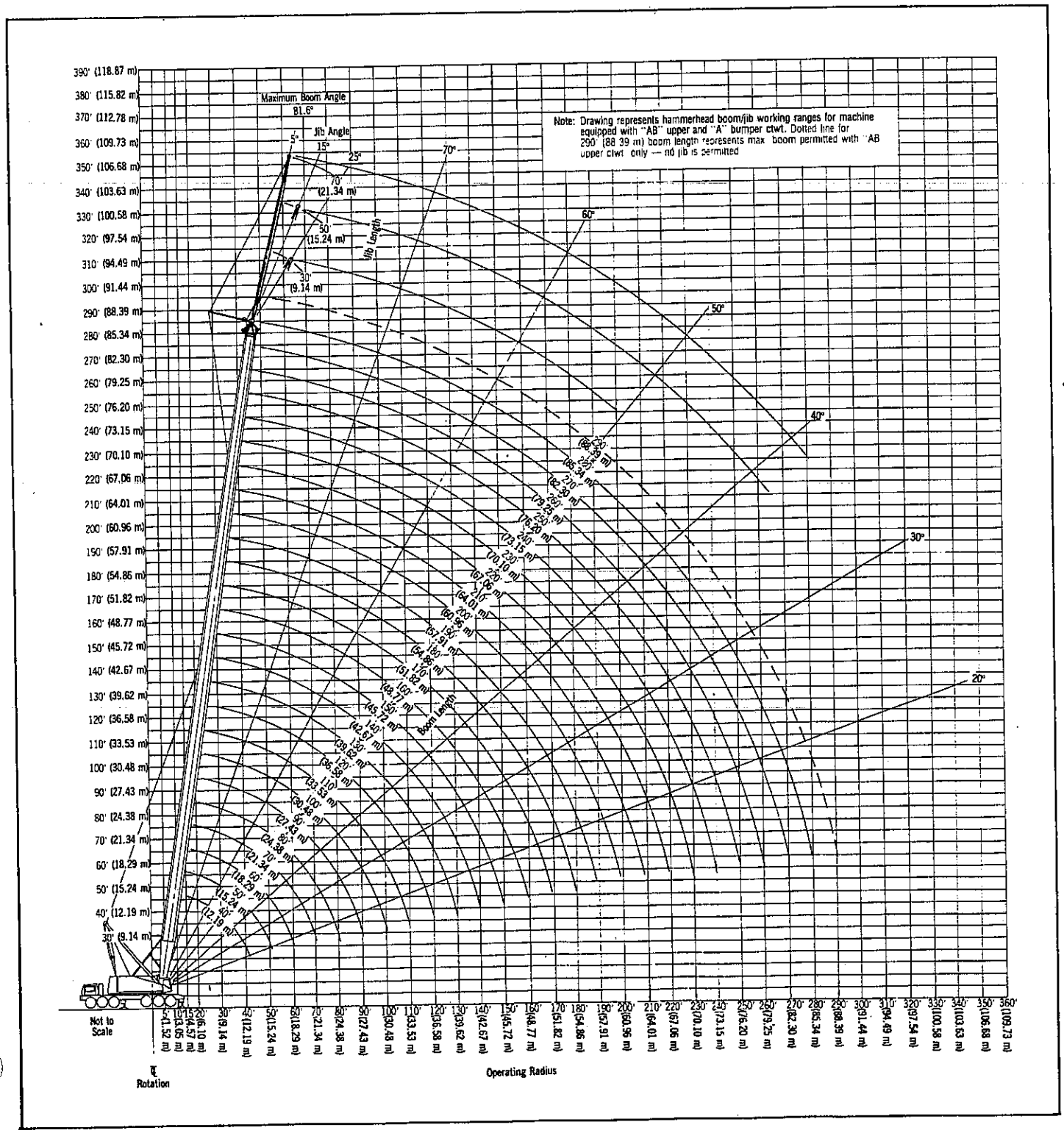

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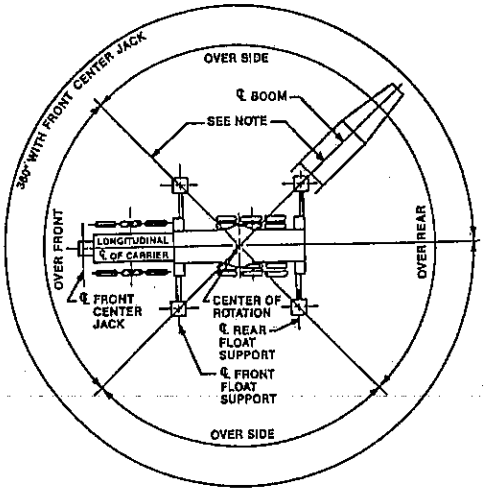
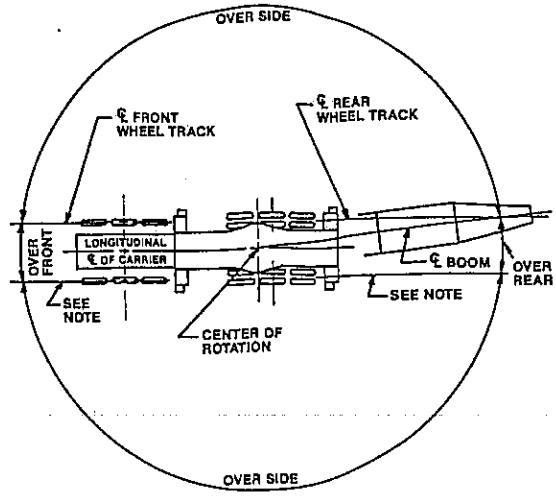
HC-258 working areas



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.

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

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