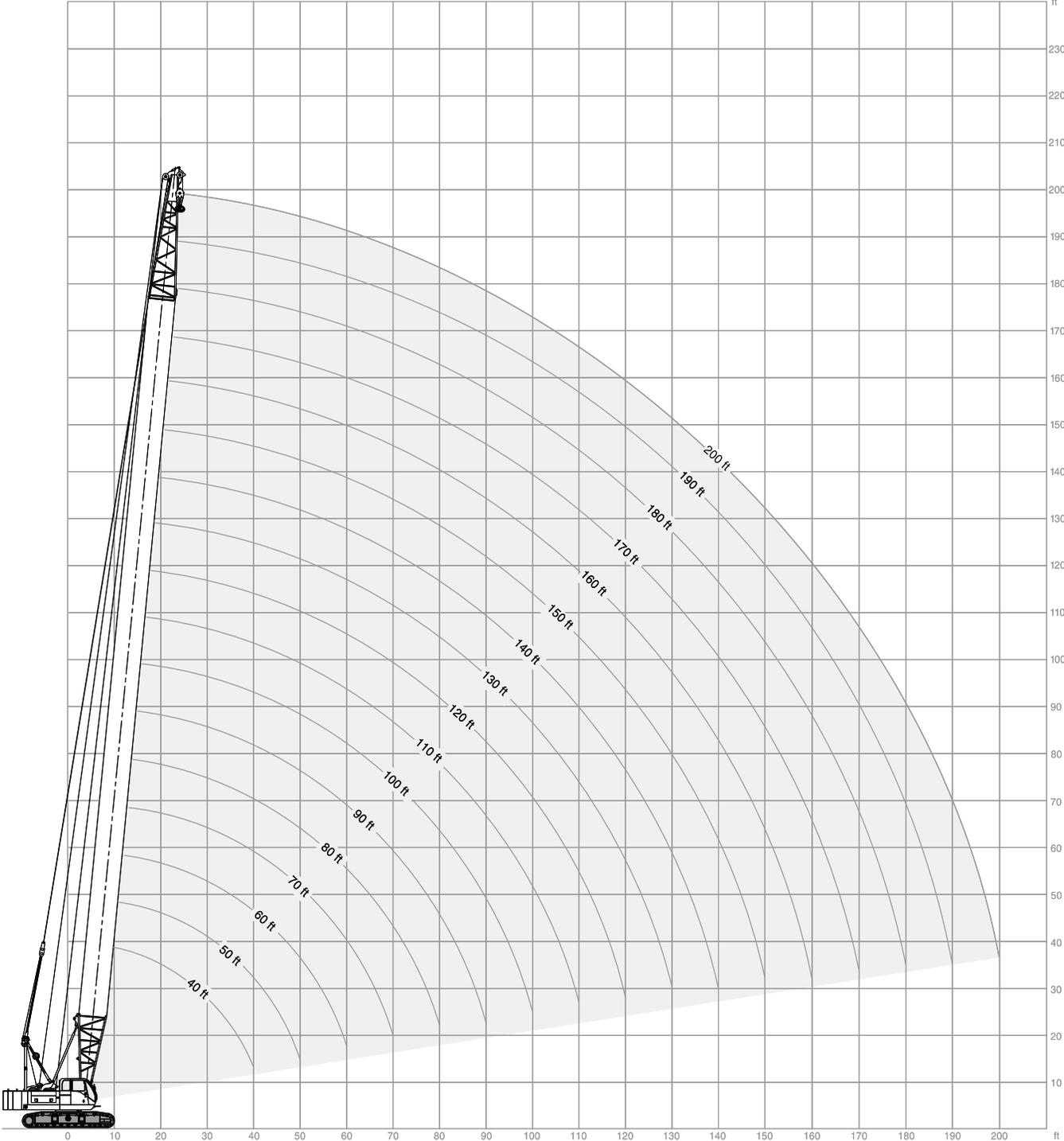


RANGE DIAGRAM

HC 80

47HI Boom



LOAD CHART

HC 80

With 47HI Offset Tip Boom

58,100 lb				360°				ANSI B 30.5			
40' Boom length				80' Boom length							
Radius (Feet)	Boom Angle (Degrees)	Side Frames Extended (Pounds)	From Boom Pt. to Ground (Feet)	Radius (Feet)	Boom Angle (Degrees)	Side Frames Extended (Pounds)	From Boom Pt. to Ground (Feet)				
11	80.5	160,000*	45	17	80.9	109,250*	84				
12	79.0	160,000*	45	20	78.8	87,470	84				
15	74.6	141,480	44	25	75.1	62,960	83				
20	67.0	87,810	42	30	71.3	48,880	81				
25	58.8	63,360	40	35	67.5	39,870	79				
30	49.9	49,350	36	40	63.5	33,480	77				
35	39.5	40,320	31	50	55.1	25,140	71				
40	25.8	33,970	23	60	45.8	20,000	63				
				70	34.5	16,430	51				
				80	17.9	13,830	30				
50' Boom length				90' Boom length							
13	80.1	160,000*	55	19	80.7	94,540	94				
15	77.8	141,440	54	20	80.0	87,330	94				
20	71.8	87,750	53	25	76.8	62,810	93				
25	65.6	63,280	51	30	73.5	48,720	92				
30	59.1	49,250	48	35	70.1	39,720	90				
35	52.0	40,220	45	40	66.7	33,320	88				
40	44.2	33,860	40	50	59.5	24,970	83				
50	22.9	25,540	25	60	51.7	19,840	76				
				70	43.0	16,260	67				
				80	32.5	13,660	54				
				90	16.9	11,690	32				
60' Boom length				100' Boom length							
14	80.8	145,370*	65	21	80.4	80,910	104				
15	79.8	141,380	64	25	78.1	62,690	103				
20	74.9	87,660	63	30	75.2	48,580	102				
25	69.9	63,170	62	35	72.2	39,590	101				
30	64.7	49,120	60	40	69.1	33,190	99				
35	59.2	40,100	57	50	62.8	24,840	94				
40	53.4	33,730	54	60	56.1	19,720	88				
50	40.2	25,400	44	70	48.9	16,130	81				
60	20.8	20,230	27	80	40.7	13,540	71				
				90	30.7	11,560	56				
				100	16.0	10,010	33				
70' Boom length				110' Boom length							
16	80.5	125,040*	74	22	80.8	72,040*	114				
20	77.1	87,590	74	25	79.2	62,530	113				
25	72.9	63,090	72	30	76.5	48,420	112				
30	68.5	49,040	71	35	73.8	39,430	111				
35	64.0	40,020	68	40	71.1	33,020	109				
40	59.3	33,640	66	50	65.5	24,650	105				
50	49.2	25,310	58	60	59.6	19,560	100				
60	37.0	20,150	48	70	53.3	15,970	94				
70	19.2	16,580	28	80	46.4	13,360	85				
				90	38.7	11,380	74				
				100	29.2	9,840	59				
				110	15.2	8,590	34				