

BOOM LENGTH (FEET)	RADIUS IN FEET	BOOM ANGLE DEGREES	FREE OVER SIDE	WITH OUTRIGGERS SET	FEET FROM BOOM POINT TO GROUND
50'	12	80.2	60,000	80,000*	56
	15	76.7	46,840	80,000*	55
	20	70.7	32,690	63,370*	54
	25	64.5	24,830	49,050*	52
	30	58.0	19,830	39,920*	49
	35	50.9	16,340	32,610*	45
	40	43.1	13,820	27,560*	41
	45	33.9	11,860	22,430*	35
	50	21.6	10,320	17,380*	25
55'	13	80.1	56,000	80,000*	61
	15	77.9	46,540	80,000*	60
	20	72.5	32,390	62,840*	59
	25	67.0	24,540	47,950*	57
	30	61.2	19,560	39,210*	55
	35	55.1	16,060	32,280*	52
	40	48.4	13,550	27,580*	48
	45	41.0	11,600	23,110*	43
	50	32.3	10,050	19,050*	36
55	20.6	8,810	15,320*	26	
60'	13	80.9	55,830	80,000*	66
	15	78.9	46,380	76,400*	66
	20	74.1	32,230	61,510*	64
	25	69.8	24,390	46,980*	63
	30	63.8	19,410	38,530*	60
	35	58.3	15,920	31,900*	58
	40	52.5	13,410	27,590*	54
	45	46.2	11,450	23,360*	50
	50	39.2	9,900	19,750*	45
	55	32.9	8,660	16,450*	37
	60	19.7	7,660	13,520*	27
65'	14	80.7	50,410	75,380*	71
	15	79.8	46,090	73,330*	71
	20	75.3	31,950	60,120*	70
	25	70.7	24,100	46,840*	68
	30	65.9	19,130	37,650*	66
	35	61.0	15,650	31,240*	64
	40	55.8	13,140	27,150*	60
	45	50.3	11,190	23,160*	57
	50	44.3	9,650	19,840*	52
	55	37.6	8,400	16,910*	46
	60	29.6	7,370	14,780*	39
	65	18.9	6,530	11,640*	28

Reference Only
Load Charts are Crane Specific