

AMERICAN ROPE & CARRIER CO.
ST. PAUL, MINNESOTA 55107

MODEL 4460 PROUD CRANE RATINGS IN POUNDS

47S TUBULAR BOOM

15,700 LBS. CTWT. - AMERICAN CARRIER

BOOM LENGTH (FEET)	RADIUS IN FEET	BOOM ANGLE DEGREES	FREE		OUTRIGGERS SET		FEET FROM BOOM POINT TO GROUND
			OVER SIDE	OVER REAR	OVER SIDE	OVER REAR	
40'	10	81.0	58,610*	82,330	90,000*	90,000*	45.34
	12	78.1	48,580	63,310	90,000*	90,000*	44.97
	15	73.6	35,600	46,820	76,560*	76,560*	44.21
	20	65.9	24,370	32,390	57,230*	57,230*	42.35
	25	57.7	18,320	24,560	44,310*	44,310*	39.65
	30	48.6	14,530	19,650	36,000*	36,000*	35.85
	35	37.9	11,940	16,260	30,060	30,190*	30.43
	40	23.4	10,040	13,790	24,900	25,900*	21.73
50'	12	80.5	48,560	63,280	90,000*	90,000*	55.15
	15	77.0	35,550	46,760	76,560*	76,560*	54.55
	20	71.0	24,290	32,310	57,110*	57,110*	53.10
	25	64.7	18,230	24,470	44,190*	44,190*	51.06
	30	58.2	14,440	19,550	35,870*	35,870*	48.32
	35	51.1	11,840	16,160	30,030	30,070*	44.73
	40	43.1	9,950	13,690	24,860	25,780*	40.01
	50	20.8	7,360	10,320	18,280	19,870*	23.60
60'	14	80.1	38,980	51,160	82,030*	82,030*	65.11
	15	79.2	35,450	46,660	76,560*	76,560*	64.77
	20	74.2	24,170	32,190	56,950*	56,950*	63.58
	25	69.2	18,100	24,340	44,020*	44,020*	61.92
	30	64.0	14,310	19,410	35,700*	35,700*	59.75
	35	58.5	11,710	16,030	29,900*	29,900*	56.98
	40	52.6	9,810	13,560	24,780	25,620*	53.52
	50	39.1	7,230	10,190	18,200	19,710*	43.71
70'	60	18.9	5,540	7,990	14,170	15,820*	25.28
	15	80.7	35,350	46,550	76,560*	76,560*	74.92
	20	76.6	24,050	32,060	56,780*	56,780*	73.92
	25	72.3	17,970	24,200	43,840*	43,840*	72.52
	30	67.9	14,170	19,270	35,520*	35,520*	70.70
	35	63.4	11,560	15,880	29,710*	29,710*	68.43
	40	58.7	9,670	13,410	24,680	25,430*	65.65
	50	48.4	7,090	10,040	18,090	19,540*	58.21
80'	60	36.1	5,410	7,850	14,070	15,660*	47.07
	70	17.5	4,220	6,300	11,350	12,900*	26.83
	17	80.5	29,700	39,360	67,550*	67,550*	84.89
	20	78.3	23,910	31,920	56,590*	56,590*	84.16
	25	74.6	17,820	24,050	43,640*	43,640*	82.95
	30	70.8	14,010	19,110	35,320*	35,320*	81.39
	35	67.0	11,400	15,720	29,510*	29,510*	79.45
	40	63.0	9,510	13,250	24,560	25,230*	77.10
90'	50	54.6	6,930	9,880	17,960	19,340*	71.01
	60	45.1	5,250	7,690	13,940	15,460*	62.50
	70	33.7	4,070	6,150	11,220	12,720*	50.17
	80	16.3	3,180	4,990	9,260	10,660*	28.26
	18	80.9	27,360	36,400	63,800*	63,800*	94.70
	20	79.6	23,760	31,760	56,380*	56,380*	94.35
	25	76.3	17,650	23,890	43,430*	43,430*	93.28
	30	73.0	13,840	18,940	35,110*	35,110*	91.91
	35	69.6	11,230	15,550	29,300*	29,300*	90.21
	40	66.2	9,330	13,080	24,440	25,020*	88.18



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BOOM LENGTH (FEET)	RADIUS IN FEET	BOOM ANGLE DEGREES	FREE		OUTRIGGERS SET		FEET FROM BOOM POINT TO GROUND
			OVER SIDE	OVER REAR	OVER SIDE	OVER REAR	
90'	50	59.0	6,750	9,710	17,820	19,120*	82.97
	60	51.2	5,080	7,520	13,790	15,250*	75.95
	70	42.4	3,900	5,980	11,080	12,510*	66.48
	80	31.7	3,020	4,830	9,120	10,460*	53.06
	90	15.3	2,330	3,930	7,630	8,870*	29.60
100'	20	80.6	23,610	31,610	56,180*	56,180*	104.50
	25	77.7	17,490	23,720	43,230*	43,230*	103.55
	30	74.8	13,680	18,780	34,890*	34,890*	102.32
	35	71.8	11,060	15,380	29,080*	29,080*	100.81
	40	68.7	9,160	12,900	24,310	24,800*	99.01
	50	62.4	6,580	9,530	17,680	18,910*	94.45
	60	55.7	4,900	7,340	13,640	15,040*	88.42
	70	48.4	3,720	5,800	10,920	12,300*	80.57
	80	40.1	2,850	4,660	8,960	10,260*	70.21
	90	30.0	2,170	3,770	7,480	8,670*	55.79
	100	14.5	1,620	3,050	6,310	7,390*	30.87
110'	21	81.0	21,950	29,520	52,840*	52,840*	114.47
	25	78.8	17,330	23,560	43,010*	43,010*	113.76
	30	76.2	13,510	18,600	34,680*	34,680*	112.65
	35	73.5	10,890	15,200	28,860*	28,860*	111.29
	40	70.7	8,980	12,720	24,180	24,580*	109.67
	50	65.1	6,400	9,350	17,530	18,680*	105.60
	60	59.2	4,720	7,160	13,490	14,810*	100.30
	70	52.9	3,540	5,620	10,760	12,080*	93.53
	80	46.0	2,670	4,480	8,800	10,040*	84.91
	90	38.1	1,990	3,590	7,320	8,450*	73.73
	100	28.5	1,450	2,880	6,160	7,190*	58.37
	110	13.8	990	2,300	5,220	6,140*	32.08
120'	23	80.8			47,240*	47,240*	124.28
	25	79.8			42,790*	42,790*	123.93
	30	77.4			34,450*	34,450*	122.92
	35	74.9			28,640*	28,640*	121.68
	40	72.4			24,040	24,350*	120.21
	50	67.3			17,380	18,450*	116.54
	60	62.0			13,330	14,580*	111.78
	70	56.4			10,600	11,850*	105.80
	80	50.4			8,630	9,810*	98.35
	90	43.9			7,150	8,230*	89.02
	100	36.4			5,990	6,960*	77.08
	110	27.3			5,050	5,930*	60.82
	120	13.2			4,280	5,060*	33.23
130'	25	80.6			42,570*	42,570*	134.08
	30	78.3			34,230*	34,230*	133.15
	35	76.1			28,410*	28,410*	132.02
	40	73.8			23,900	24,120*	130.67
	50	69.1			17,220	18,220*	127.31
	60	64.3			13,160	14,350*	123.00
	70	59.3			10,430	11,620*	117.62
	80	54.0			8,460	9,580*	111.02