

**UC-98A LIFTING CAPACITIES^① WITH RETRACTABLE HIGH GANTRY**

FOR DRAGLINE, CLAMSHELL AND MAGNET CAPACITIES SEE NOTE ④

- "HI-LITE" TUBULAR BOOM -

BOOM			W Boom Point Height	ON TIRES 360° Swing ^②	ON OUTRIGGERS 360° Swing ^③
Length	Radius	Angle			
40'	12'	79°	44' 6"	49,070*	70,000*
	15'	74°	43' 10"	38,100*	57,000*
	20'	67°	42' 0"	25,420	43,400*
	25'	56°	39' 5"	18,720	33,500*
	30'	50°	35' 10"	14,610	27,200*
	35'	39°	30' 8"	11,830	22,700*
	40'	26°	22' 11"	9,830	20,560
50'	12'	81°	54' 8"	48,750*	68,700*
	15'	77°	54' 1"	37,790*	56,530*
	20'	71°	52' 9"	25,210	43,020*
	25'	65°	50' 9"	18,500	33,130*
	30'	59°	48' 1"	14,390	26,830*
	35'	52°	44' 7"	11,620	22,350*
	40'	44°	40' 1"	9,620	20,380
60'	45'	36°	34' 1"	8,110	17,210
	50'	23°	25' 1"	6,920	14,810
70'	15'	80°	64' 4"	37,490*	56,060*
	20'	75°	63' 2"	25,000	42,640*
	25'	70°	61' 7"	18,290	32,760*
	30'	64°	59' 5"	14,180	26,460*
	35'	59°	56' 9"	11,410	22,000*
	40'	53°	53' 5"	9,400	20,190
	50'	40°	44' 0"	6,710	14,620
80'	60'	21°	27' 1"	4,980	11,210
	15'	81°	74' 5"	37,180*	55,590*
	20'	77°	73' 6"	24,790	42,260*
	25'	73°	72' 2"	18,080	32,390*
	30'	68°	70' 4"	13,970	26,090*
	35'	64°	68' 2"	11,190	21,650*
	40'	59°	65' 5"	9,190	20,010
90'	50'	49°	58' 2"	6,500	14,430
	60'	37°	47' 5"	4,770	11,020
	70'	20°	28' 11"	3,570	8,710
	20'	79°	83' 9"	24,570	41,880*
	25'	75°	82' 7"	17,870	32,020*
	30'	71°	81' 0"	13,760	25,720*
	35'	67°	79' 1"	10,980	21,300*
100'	40'	63°	76' 10"	8,980	19,830
	50'	55°	70' 10"	6,290	14,240
	60'	46°	62' 7"	4,560	10,820
	70'	35°	50' 8"	3,360	8,520
	80'	18°	30' 7"	2,470	6,850
	20'	80°	93' 11"	24,360	41,500*
	25'	77°	92' 10"	17,660	31,650*
90'	30'	73°	91' 6"	13,550	25,350*
	35'	70°	89' 10"	10,770	20,950*
	40'	67°	87' 10"	8,770	19,640
	50'	59°	82' 9"	6,070	14,050
	60'	52°	75' 10"	4,350	10,630
	70'	43°	66' 7"	3,140	8,320
	80'	33°	53' 8"	2,260	6,650
100'	90'	17°	32' 1"	1,580	5,400
	20'	81°	104' 1"	24,150	41,120*
	25'	78°	103' 1"	17,440	31,280*
	30'	75°	101' 11"	13,330	24,980*
	35'	72°	100' 5"	10,560	20,600*
	40'	69°	98' 8"	8,560	19,460
	50'	63°	94' 2"	5,860	13,860
100'	60'	56°	88' 3"	4,130	10,430
	70'	49°	80' 6"	2,930	8,120
	80'	41°	70' 5"	2,040	6,460
	90'	31°	56' 6"	1,370	5,200
	100'	16°	33' 7"	830	4,220

BOOM			W Boom Point Height	ON TIRES 360° Swing ^②	ON OUTRIGGERS 360° Swing ^③
Length	Radius	Angle			
110'	25'	79°	113' 4"	17,230	30,910*
	30'	76°	112' 3"	13,120	24,610*
	40'	71°	109' 4"	8,340	19,280
	50'	65°	105' 4"	5,650	13,670
	60'	60°	100' 1"	3,920	10,240
	70'	53°	93' 5"	2,720	7,920
	80'	46°	84' 11"	1,830	6,260
	90'	39°	74' 0"	1,150	5,000
	100'	29°	59' 2"	620	4,010
	110'	16°	35' 0"	---	3,220
120'	25'	80°	123' 6"	17,020	30,540*
	30'	78°	122' 6"	12,910	24,240*
	40'	73°	119' 10"	8,130	19,100
	50'	68°	116' 2"	5,440	13,480
	60'	62°	111' 6"	3,710	10,040
	70'	57°	105' 7"	2,510	7,730
	80'	51°	98' 3"	1,620	6,060
	90'	44°	89' 1"	940	4,800
	100'	37°	77' 5"	400	3,810
	110'	28°	61' 9"	---	3,020
130'	120'	15°	36' 4"	---	2,370
	25'	81°	133' 8"	16,810	30,170*
	30'	79°	132' 8"	12,700	23,870*
	40'	74°	130' 3"	7,920	18,910
	50'	69°	127' 0"	5,230	13,290
	60'	65°	122' 8"	3,500	9,850
	70'	60°	117' 5"	2,290	7,530
	80'	54°	110' 10"	1,410	5,860
	90'	49°	102' 11"	730	4,600
	100'	43°	93' 1"	---	3,610
140'	110'	35°	80' 8"	---	2,820
	120'	27°	64' 2"	---	2,170
	130'	14°	37' 8"	---	1,630
	30'	79°	142' 11"	12,490	23,500*
	40'	75°	140' 8"	7,710	18,730
	50'	71°	137' 7"	5,010	13,100
	60'	67°	133' 8"	3,290	9,660
	70'	62°	128' 10"	2,080	7,330
	80'	57°	123' 0"	1,200	5,660
	90'	52°	115' 10"	520	4,390
150'	100'	47°	107' 4"	---	3,410
	110'	41°	96' 10"	---	2,610
	120'	34°	83' 10"	---	1,960
	130'	26°	66' 6"	---	1,420
	140'	14°	38' 11"	---	960
	30'	80°	153' 1"	12,280	23,130*
	40'	76°	151' 0"	7,500	18,550
	50'	72°	148' 2"	4,800	12,910
	60'	68°	144' 6"	3,070	9,460
	70'	64°	140' 1"	1,870	7,130
150'	80'	60°	134' 8"	980	5,460
	90'	55°	128' 4"	300	4,190
	100'	50°	120' 8"	---	3,210
	110'	45°	111' 6"	---	2,410
	120'	39°	100' 6"	---	1,760
	130'	33°	86' 10"	---	1,220
	140'	25°	68' 9"	---	750
	150'	13°	40' 1"	---	360

GENERAL INFORMATION ONLY