

C/B KEVIN-T

BARGE PARTICULARS

LENGTH 250'
WIDTH 72'
DEPTH 16'
OPERATING DRAFT 4'
SPUDS 2 x 80'
MOORING WINCH 4-Drum
REBUILT 2023

CRANE PARTICULARS

MANTOWOC 4100 S-2
S-3 RINGER ATTACHMENT
CAPACITY 300-TON
BOOM LENGTH UP TO 340 FEET



BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS
36	82.3	146.5	600,000"	
38	81.4	146.2	600,000"	
40	80.6	145.9	600,000"	
45	78.5	145.0	600,000"	
50	76.4	143.9	547,100	
55	74.3	142.8	473,100	
60	72.2	141.7	400,000	
65	70.0	139.3	371,400	
70	67.8	137.4	336,000	
75	65.8	135.3	304,800	
80	63.3	132.9	279,300	
85	61.0	130.2	257,700	
90	58.7	127.3	232,600	
95	56.5	124.2	208,200	
100	53.7	120.6	208,200	
105	51.1	116.8	195,600	
110	48.5	112.6	184,200	
115	45.7	107.9	172,800	
120	42.7	102.8	160,700	
125	39.6	97.1	145,500"	
130	36.5	90.8	138,900"	
135	32.7	83.4	128,900"	
140	28.7	74.9	119,200"	

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS
40	81.8	166.1	551,900"	
45	80.0	165.3	507,000"	
50	78.2	164.4	545,800	
55	76.3	163.2	471,900	
60	74.5	161.9	415,200	
65	72.6	160.5	370,200	
70	70.7	158.8	333,700	
75	68.8	157.0	303,500	
80	66.9	154.9	279,100	
85	64.9	152.7	254,400	
90	62.9	150.2	237,700	
95	60.9	147.6	221,400	
100	58.8	144.7	207,100	
105	56.7	141.5	194,300	
110	54.5	138.1	183,000	
115	52.3	134.5	173,200	
120	50.0	130.3	163,600	
125	47.6	126.0	155,200	
130	45.2	121.2	147,600	
135	42.6	116.0	140,600	
140	39.9	110.3	134,200	
145	37.0	104.0	127,800"	
150	33.9	97.0	119,700"	
155	30.5	89.0	111,800"	
160	26.8	79.9	104,100"	

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS
45	81.1	186.6	493,800"	
50	79.5	184.8	452,000"	
55	77.9	182.5	412,200"	
60	76.2	182.6	413,600	
65	74.6	181.3	368,600	
70	72.9	179.8	332,200	
75	71.3	178.2	302,000	
80	69.6	176.4	276,500	
85	67.9	174.5	254,900	
90	66.1	172.4	236,100	
95	64.4	170.1	219,800	
100	62.6	167.6	205,500	
105	60.8	164.9	192,800	
110	59.0	162.0	181,400	
115	57.1	158.9	171,200	
120	55.2	155.6	162,000	
125	53.2	151.9	153,600	
130	51.2	148.0	146,000	
135	49.1	143.8	139,000	
140	47.0	139.3	132,600	
145	44.8	134.5	126,700	
150	42.4	129.2	121,300	
155	40.0	123.5	116,400	
160	37.5	117.3	111,500	
165	34.8	110.5	107,100	
170	31.9	102.9	102,400"	
175	28.7	94.3	96,800"	
180	25.2	84.5	90,600"	

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS
45	82.0	205.8	437,200"	
50	80.6	205.1	436,600"	
55	79.1	204.2	433,800"	
60	77.8	203.1	412,400	
65	76.2	202.0	367,400	
70	74.7	200.7	331,000	
75	73.2	199.4	300,200	
80	71.7	197.6	275,300	
85	70.2	195.9	253,700	
90	68.6	194.0	235,000	
95	67.1	192.0	218,600	
100	65.5	189.8	204,300	
105	63.9	187.5	191,500	
110	62.3	184.9	180,100	
115	60.7	182.2	170,000	
120	59.1	179.3	160,800	
125	57.4	176.2	162,400	
130	55.7	172.9	144,800	
135	53.9	169.4	137,800	
140	52.1	165.6	131,400	
145	50.3	161.7	125,500	
150	48.4	157.3	120,100	
155	46.4	152.7	115,000	
160	44.4	147.8	110,300	
165	42.3	142.5	105,900	
170	40.2	136.8	101,800	
175	37.9	130.6	97,900	
180	35.5	123.9	94,300	
185	32.9	116.5	90,900	
190	30.2	108.4	87,700	
195	27.2	99.3	83,700"	
200	23.9	88.8	79,300"	

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS
55	80.1	224.5	384,800"	
60	78.8	223.6	382,600"	
65	77.4	222.5	360,900"	
70	76.1	221.3	329,500	
75	74.8	220.0	299,300	
80	73.4	218.7	271,200	
85	72.0	217.1	262,200	
90	70.7	215.4	233,500	
95	69.3	213.5	217,200	
100	67.9	211.6	202,800	
105	66.5	209.5	190,100	
110	65.0	207.2	178,700	
115	63.5	204.8	168,500	
120	62.1	202.3	159,300	
125	60.6	199.5	161,000	
130	59.1	196.6	143,400	
135	57.6	193.6	136,400	
140	56.1	190.3	130,000	
145	54.5	186.8	124,100	
150	52.9	183.1	118,500	
155	51.2	179.2	113,500	
160	49.5	175.1	108,800	
165	47.8	170.7	104,400	
170	46.0	166.0	100,300	
175	44.2	161.0	96,500	
180	42.3	155.7	92,900	
185	40.5	150.0	89,500	
190	38.7	143.9	86,300	
195	36.8	137.3	83,300	
200	33.8	130.1	80,400	
205	31.4	122.3	77,700	
210	28.8	113.7	75,100	
215	26.9	104.0	72,600"	
220	24.9	93.0	68,600"	

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS
50	82.1	245.5	347,800"	
55	80.5	244.8	345,900"	
60	79.7	243.9	343,800"	
65	78.5	243.0	332,200"	
70	77.5	241.9	305,500"	
75	76.1	240.7	283,200"	
80	74.8	239.4	264,000"	
85	73.6	238.0	247,300"	
90	72.3	236.5	232,100	

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS
85	71.1	234.8	215,800	
100	69.8	233.0	201,400	
105	68.5	231.1	188,700	
110	67.2	229.1	177,300	
115	65.9	226.9	167,100	
120	64.6	224.6	157,900	
125	63.2	222.2	149,600	
130	62.0	219.6	142,000	
135	60.6	216.9	135,000	
140	59.2	214.0	128,600	
145	57.8	210.9	122,700	
150	56.4	207.7	117,200	
155	54.9	204.5	112,000	
160	53.2	200.6	107,400	
165	52.0	196.8	103,000	
170	50.4	192.8	98,900	
175	48.9	188.6	95,100	
180	47.3	184.1	91,500	
185	45.6	179.3	88,100	
190	43.9	174.3	84,900	
195	42.2	169.2	81,900	
200	40.4	163.2	79,000	
205	38.5	157.2	76,300	
210	36.5	150.7	73,700	
215	34.5	143.6	71,300	
220	32.3	136.1	69,000	
225	30.0	127.8	66,900	
230	27.6	118.7	64,700	
235	24.8	108.5	62,600"	
240	21.8	96.9	60,100"	

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS
55	81.6	265.0	309,200"	
60	80.5	264.0	303,200"	
65	79.2	262.3	305,200"	
70	78.3	262.3	282,500"	
75	77.1	261.3	262,200"	
80	76.0	260.1	244,900"	
85	74.9	258.8	229,900"	
90	73.7	257.4	216,700"	
95	72.6	255.8	205,000"	
100	71.4	254.2	184,500"	
105	70.3	252.5	185,000"	
110	69.1	250.6	175,900	
115	67.9	248.7	165,700	
120	66.7	246.6	156,500	
125	65.5	244.4	148,200	
130	64.3	242.1	140,500	
135	63.1	239.5	133,600	
140	61.8	236.9	127,200	
145	60.5	234.2	121,300	
150	59.3	231.3	115,800	
155	58.0	228.2	110,700	
160	56.7	225.0	106,000	
165	55.3	221.7	101,600	
170	53.9	218.3	97,500	
175	52.6	214.4	93,700	
180	51.2	210.5	90,100	
185	49.8	206.3	86,700	
190	48.3	202.0	83,500	
195	46.8	197.4	80,400	
200	45.3	192.8	77,500	
205	43.7	187.5	74,800	
210	42.1	182.2	72,300	
215	40.5	176.5	69,900	
220	38.7	170.4	67,600	
225	36.9	164.0	65,400	
230	35.1	157.1	63,300	
235	33.1	149.7	61,300	
240	31.0	141.7	59,300	
245	28.8	133.0	57,500	
250	26.4	123.5	55,800	
255	23.8	112.8	53,400"	
260	20.9	100.7	50,900"	

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS
60	81.2	284.5	273,300"	
65	80.0	283.7	270,000"	
70	78.2	282.7	262,500"	
75	77.1	281.7	243,700"	
80	75.7	280.6	227,700"	
85	73.6	279.4	213,900"	
90	71.9	278.1	201,	