

BADGER MODEL 4445 CRANE LOAD CHARTS PCSA CLASS 10-179

360° LIFTING CAPACITIES ON OUTRIGGERS FULLY EXTENDED (a)

Lift Rad.	Boom Length												Power Pin extend. (f)		Sidefly + 81.4' boom		Sidefly + 105' boom			
	32.85'		40'		48'		56'		64'		72'		81.4'		105'	lbs.	111'	lbs.	135'	lbs.
10'	63	90,000	68	75,200	72	73,300	75	72,200												
12'	59	80,000	65	75,200	70	73,300	73	67,600	75	60,000										
15'	53	68,300	60	66,000	66	63,700	69	59,600	72	53,700	75	48,300								
20'	41	53,900	52	52,900	59	51,200	64	48,700	67	45,300	70	40,800	72	35,200						
25'	25	40,900	42	42,100	52	42,300	58	39,800	62	38,000	66	34,200	69	30,700	74	21,100	74	18,500		
30'			29	31,100	44	31,600	52	31,900	57	31,800	61	28,900	65	26,700	71	19,900	71	16,300		
35'			1	17,300	34	23,400	45	23,700	52	23,900	57	24,200	61	22,900	68	17,800	68	14,600	72	10,000
40'					21	17,900	37	18,200	46	18,400	52	18,600	57	18,900	65	15,700	65	13,200	70	9,550
45'							27	14,300	39	14,500	46	14,700	52	14,900	62	13,900	63	12,100	68	8,880
50'							11	11,300	31	11,600	40	11,800	48	11,900	59	12,300	60	11,100	65	7,850
55'									21	9,300	34	9,490	43	9,650	55	10,800	57	10,300	63	7,260
60'											26	7,650	37	7,810	52	9,500	53	9,230	61	6,720
65'											14	6,100	31	6,300	48	7,990	50	8,240	58	6,110
70'													23	5,040	45	6,720	47	7,150	56	5,590
75'													11	3,920	41	5,660	43	6,030	53	5,240
80'															36	4,740	39	5,070	50	4,830
85'															31	3,940	35	4,230	47	4,530
90'															25	3,230	30	3,500	45	4,200
95'															18	2,600	25	2,850	41	3,570
100'															2	1,970	18	2,260	38	3,010
105'																	6	1,710	35	2,510
110'																			31	2,050
115'																			26	1,640
120'																			21	1,261

OVER FRONT LIFTING CAPACITIES ON OUTRIGGERS FULLY EXTENDED (a)

Lift Rad.	Boom Length												Power Pin extend. (f)		Sidefly + 81.4' boom		Sidefly + 105' boom			
	32.85'		40'		48'		56'		64'		72'		81.4'		105'	lbs.	111'	lbs.	135'	lbs.
10'	63	90,000	68	75,200	72	73,300	75	72,200												
12'	59	80,000	65	75,200	70	73,300	73	67,600	75	60,000										
15'	53	68,300	60	66,000	66	63,700	69	59,600	72	53,700	75	48,300								
20'	41	53,900	52	52,900	59	51,200	64	48,700	67	45,300	70	40,800	72	35,200						
25'	25	40,900	42	42,100	52	42,300	58	39,800	62	38,000	66	34,200	69	30,700	74	21,100	74	18,500		
30'			29	31,400	44	31,900	52	32,200	57	31,800	61	28,900	65	26,700	71	19,900	71	16,300		
35'			1	17,300	34	23,600	45	23,900	52	24,100	57	24,300	61	22,900	68	17,800	68	14,600	72	10,000
40'					21	18,100	37	18,400	46	18,600	52	18,800	57	19,000	65	15,700	65	13,200	70	9,550
45'							27	14,600	39	14,800	46	15,000	52	15,100	62	13,900	63	12,100	68	8,880
50'							11	11,600	31	11,900	40	12,100	48	12,200	59	12,300	60	11,100	65	7,850
55'									21	9,680	34	9,860	43	10,000	55	10,800	57	10,300	63	7,260
60'											26	8,070	37	8,230	52	9,600	53	9,230	61	6,720
65'											14	6,580	31	6,770	48	8,500	50	8,240	58	6,110
70'													23	5,550	45	7,340	47	7,480	56	5,590
75'													11	4,480	41	6,270	43	6,430	53	5,240
80'															36	5,340	39	5,500	50	4,830
85'															31	4,540	35	4,690	47	4,530
90'															25	3,830	30	3,980	45	4,220
95'															18	3,200	25	3,350	41	3,920
100'															2	2,570	18	2,780	38	3,480
105'																	6	2,240	35	2,990
110'																			31	2,540
115'																			26	2,130
120'																			21	1,760
125'																			14	1,410

ON RUBBER LIFTING CAPACITIES, Lbs. (a)

Lift Rad.	Stationary Over Front	360°	Pick & Carry (b)		
			Creep (c)	2.5 mph	5 mph
10'	47,500	37,800	46,000	38,200	30,500
12'	41,500	31,700	39,800	32,900	26,000
15'	34,800	22,200	24,400	26,700	20,900
20'	26,900	13,100	18,700	19,600	14,900
25'	18,500	8,350	14,900	14,700	10,700
30'	13,300	5,700	11,600	11,400	8,010
35'	9,500	3,530	9,500	8,560	5,570
40'	7,380	2,420	7,380	6,800	4,140
45'	5,670	1,470	5,670	5,250	2,840
50'	4,140		4,140	3,810	1,620
55'	3,130		3,130	2,770	

For 21.0 x 25-24 PR tires (d) Maximum allowable boom length, 64' (e)

360° JIB LIFTING CAPACITIES, Lbs.

Main Boom	Jib Offset		
	0°	15°	30°
77°	6,000	5,300	4,260
70°	4,670	4,070	3,660
65°	4,000	3,610	3,360
60°	3,580	3,310	3,130
55°	3,270	3,080	2,950

30' Sidefly plus 25' Jib combination (f)

Notes: (a) Refer to area of operation chart for defined working arc. (b) Mechanical house lock must be fully engaged. (c) Travel covering not more than 200 ft. in a 30 min. period. (d) Refer to tire inflation chart. (e) Power pin section must be fully retracted, Sidefly and Jib must be stored. (f) See warnings #2, next page.