

**NBT40127-1**



Radius in Feet	#01									
	Main Boom Length in Feet									
	31	43-A	55-B	67-C	79-D	91-E	103-F	115-G	127	
7	80,000 (73.6)									
8	75,000 (71.6)									
10	67,300 (67.6)	41,000 (71.4)								
12	56,000 (63.4)	41,000 (67.0)	40,500 (75.8)	40,300 (78.8)						
15	43,750 (56.8)	39,000 (59.4)	40,500 (72.6)	37,300 (76.2)	28,700 (78.6)	21,850 (80.4)				
20	31,500 (44.4)	32,000 (51.0)	32,200 (66.9)	32,600 (71.7)	25,100 (74.9)	19,400 (77.2)	16,300 (79.2)	12,850 (80.7)		
25	23,950 (27.8)	24,500 (41.4)	24,600 (61.0)	25,100 (67.0)	22,200 (71.1)	17,250 (74.0)	14,950 (76.5)	12,600 (78.4)	10,000 (79.9)	
30		19,200 (29.4)	19,650 (54.6)	19,900 (62.1)	20,150 (67.2)	15,650 (70.8)	13,700 (73.7)	11,800 (76.0)	9900 (77.9)	
35		14,750 (28.8)	15,150 (47.7)	15,400 (57.0)	15,600 (63.1)	14,450 (67.4)	12,650 (70.8)	10,950 (73.7)	9500 (75.8)	
40			12,050 (40.0)	12,300 (51.6)	12,450 (58.7)	12,600 (63.9)	11,600 (67.9)	10,300 (71.2)	9000 (73.6)	
45			9800 (31.5)	10,100 (45.7)	10,250 (54.6)	10,400 (60.5)	10,550 (65.1)	9600 (68.6)	8600 (71.3)	
50			8000 (18.5)	8300 (39.7)	8450 (49.9)	8600 (56.6)	8750 (61.8)	8900 (65.9)	8100 (69.0)	
55				6850 (32.1)	7000 (44.8)	7150 (52.6)	7300 (58.4)	7400 (63.0)	7550 (66.6)	
60				5700 (22.3)	5850 (39.1)	6000 (48.3)	6100 (54.9)	6200 (59.9)	6350 (63.9)	
65					4900 (32.6)	5050 (43.8)	5150 (51.2)	5250 (56.8)	5350 (61.2)	
70					4100 (24.7)	4200 (38.8)	4300 (47.3)	4400 (53.5)	4500 (58.3)	
75					3400 (12.3)	3500 (33.1)	3600 (43.2)	3700 (50.2)	3800 (55.4)	
80						2900 (26.4)	3000 (38.7)	3100 (46.8)	3200 (52.3)	
85						2400 (17.3)	2500 (33.7)	2600 (42.8)	2650 (49.2)	
90							2000 (27.9)	2100 (38.7)	2200 (45.9)	
95							1600 (20.5)	1700 (34.2)	1750 (42.3)	
100							1200 (7.1)	1300 (29.0)	1400 (38.5)	
105								1000 (22.8)	1050 (34.4)	
110								700 (13.7)	750 (29.7)	
115									500 (24.2)	
Minimum boom angle (°) for indicated length (no load)									0	24
Maximum boom length (ft) at 0° boom angle (no load)										115

# NATIONAL CRANE®

by **Manitowoc**



**NBT36-1, NBT40-1 and NBT45-1 (103)**

