

Load chart

NBT55: 128 ft main boom, 360°, full span outriggers, 6000 lb counterweight

Radius in feet	#0001									
	Main boom length in feet									
	31.7	43-A	54-B	64-C	75-D	86-E	97-F	107-G	118-H	128
8	110,000 (68.1)									
10	92,300 (64.0)	40,050 (71.3)								
12	81,200 (59.8)	40,050 (68.5)	40,350 (73.3)							
15	65,400 (53.1)	40,050 (64.0)	40,350 (69.9)	40,300 (73.5)						
20	47,750 (40.3)	40,050 (56.2)	40,350 (64.2)	40,300 (68.8)	34,100 (72.5)					
25	31,650 (21.8)	37,700 (47.5)	38,150 (58.0)	37,150 (63.9)	30,100 (68.4)	22,650 (71.5)				
30		30,200 (37.3)	30,700 (51.3)	31,000 (58.6)	27,100 (64.2)	20,400 (68.0)	17,800 (71.2)			
35		22,300 (23.6)	25,100 (43.9)	25,350 (53.1)	24,600 (59.8)	18,500 (64.3)	16,300 (68.0)	14,700 (70.8)	12,900 (73.2)	
40			20,700 (35.2)	21,050 (47.0)	21,350 (55.1)	17,050 (60.5)	15,100 (64.7)	13,650 (68.0)	12,050 (70.8)	10,850 (73.0)
45			16,400 (24.0)	16,950 (40.3)	17,200 (50.0)	15,800 (56.5)	14,000 (61.5)	12,550 (65.0)	11,300 (68.2)	10,250 (70.8)
50				13,900 (32.4)	14,150 (44.6)	14,400 (52.3)	12,850 (58.0)	11,750 (62.0)	10,650 (65.8)	9,650 (68.4)
55				11,600 (22.2)	11,850 (38.6)	12,050 (47.8)	12,000 (54.4)	10,950 (59.2)	10,000 (63.2)	8,750 (65.9)
60					10,100 (32.4)	10,300 (43.3)	10,450 (50.8)	10,300 (56.0)	9,400 (60.4)	7,850 (63.3)
65					8,550 (23.9)	8,750 (37.9)	8,950 (46.6)	9,100 (52.4)	8,850 (57.5)	7,000 (60.6)
70					4,650 (9.2)	7,500 (31.8)	7,650 (42.1)	7,800 (48.7)	7,950 (54.3)	6,300 (57.9)
75						6,450 (24.3)	6,600 (37.2)	6,750 (44.7)	6,850 (51.0)	5,700 (55.0)
80						4,400 (12.8)	5,700 (31.6)	5,800 (40.5)	5,950 (47.5)	5,150 (52.1)
85							4,900 (24.8)	5,000 (35.8)	5,150 (43.8)	4,650 (49.0)
90							3,850 (15.3)	4,300 (30.4)	4,450 (39.8)	4,150 (45.7)
95								3,700 (24.0)	3,800 (35.4)	3,700 (42.2)
100								2,800 (14.9)	3,300 (30.5)	3,300 (38.4)
105									2,800 (24.6)	2,850 (34.2)
110									2,350 (16.8)	2,450 (29.5)
115										1,900 (23.7)
120										1,100 (15.8)
Minimum boom angle (°) for indicated length (no load)							0	5	8	10
Maximum boom length (ft) at 0° boom angle (no load)							97			

NOTE: () Boom angles are in degrees.

*Loads are structurally limited.

#LMI operating code. Refer to LMI manual for operating instructions.

Lifting capacities at zero degree boom angle										
Boom angle	Main boom length in feet									
	31.7	43-A	54-B	64-C	75-D	86-E				
0°	12,900 (27.5)	7,600 (38.8)	4,850 (19.8)	3,700 (59.8)	2,200 (70.8)	1,150 (81.8)				

NOTE: () Reference radii in feet.

80034324

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

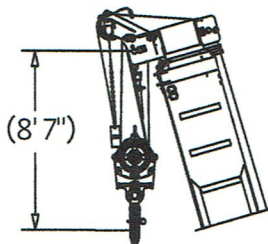
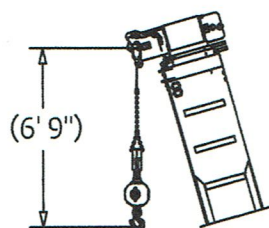
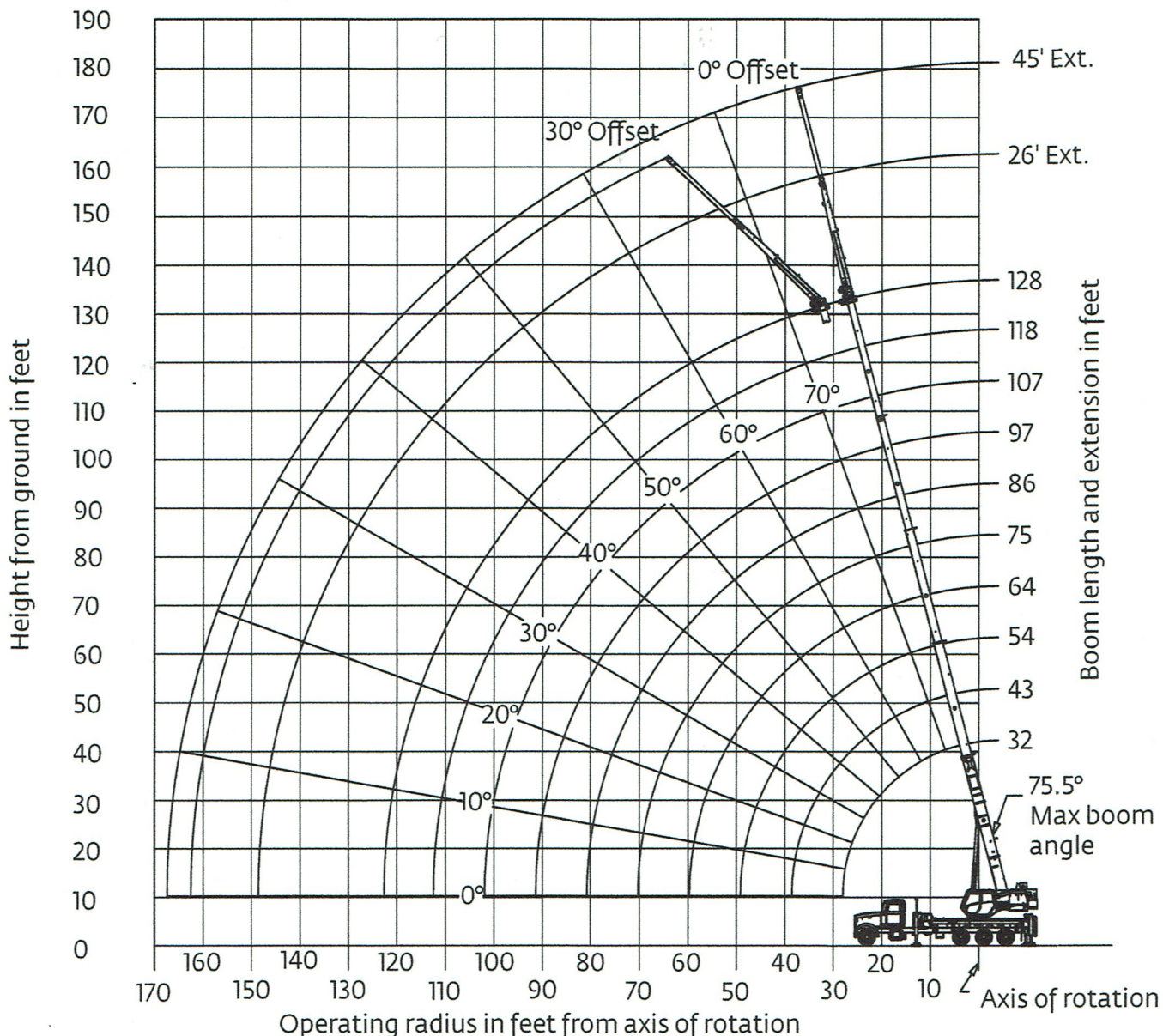
Series NBT50

The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Working range

NBT50/55-128 128 ft main boom, with extensions

(Boom deflection not shown)



Dimensions are for largest furnished hook block and headache ball with anti-two block activated.

*This drawing shows the physical reach of the machine. Always refer to the load chart to see which portions of this diagram are valid for the specific machine configuration and where the loads are structurally or stability limited.

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.