

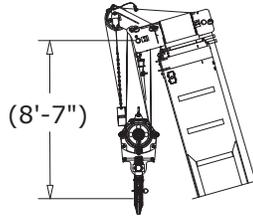
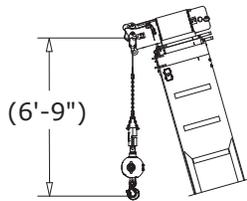
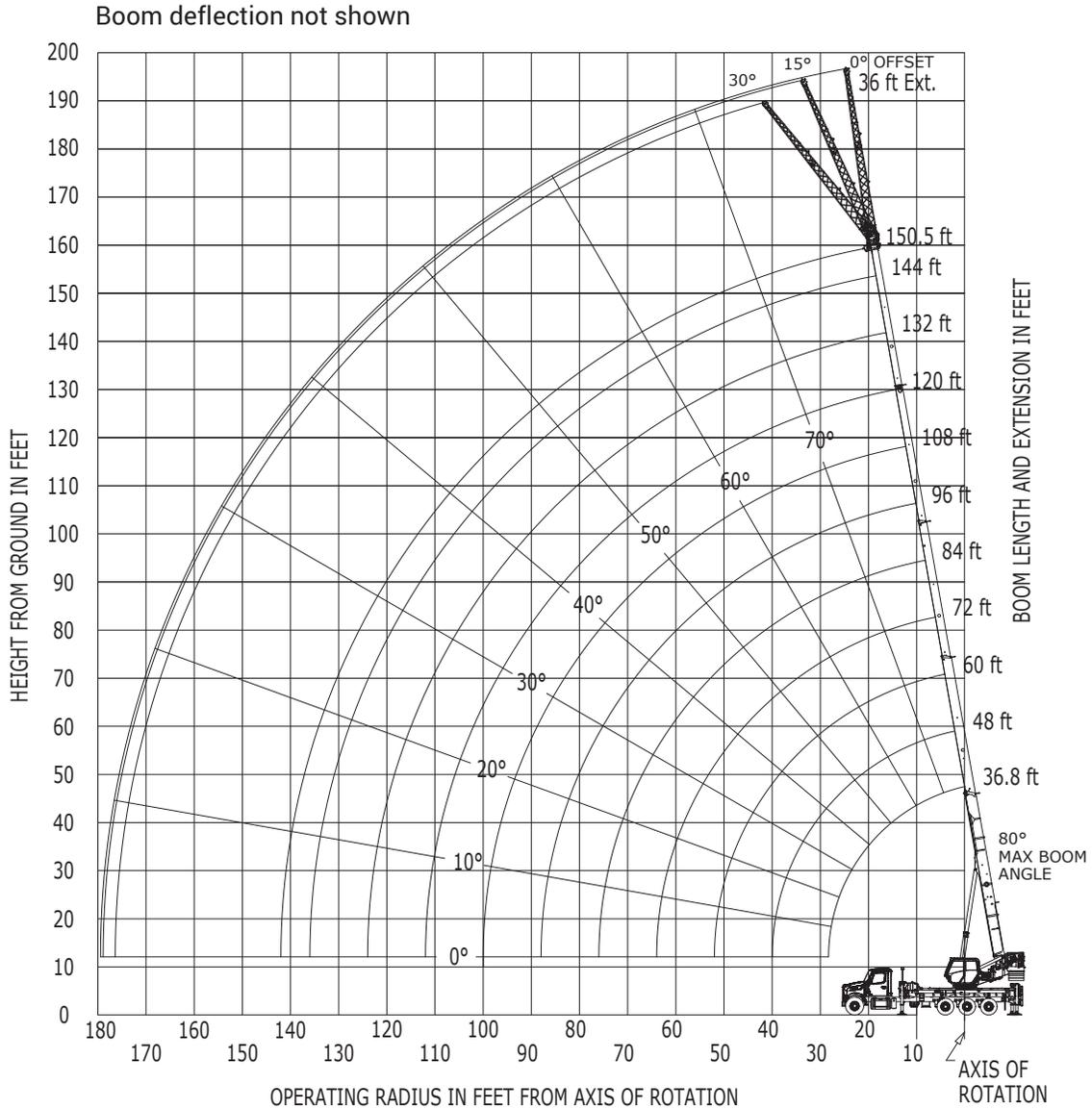
WORKING RANGE

 46,0 m (151 ft)

 11 m (36 ft)

 100%

 360°



DIMENSIONS ARE FOR LARGEST FURNISHED HOOK BLOCK & HEADACHE BALL, WITH ANTI-TWO BLOCK ACTIVATED.

* This drawing shows the physical reach of the machine. Always refer to 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.

LOAD CHART

NBT60XL/NTC60XL



11 m - 46 m
(36 ft - 151 ft)



7257 kg
(16,000 lbs)



100%



360°



Pounds

Radius in Feet	Main Boom Length in Feet										
	36.3	48	60	72	84	96	108	120	132	144	151
6	120,000 (74.1)	49,600 (78.5)									
8	102,000 (70.9)	49,600 (76.2)	49,600 (79.5)								
10	89,500 (67.6)	49,600 (73.9)	49,600 (77.7)								
12	79,250 (63.8)	49,600 (71.5)	49,600 (75.9)	49,600 (78.7)							
15	67,300 (57.8)	49,600 (67.8)	49,600 (73.1)	46,700 (76.5)	39,700 (78.9)						
20	53,150 (46.4)	49,600 (60.5)	49,600 (68.3)	42,050 (72.7)	36,100 (75.7)	30,250 (77.8)	23,550 (79.7)				
25	37,450 (30)	44,200 (52.4)	44,750 (62.7)	38,150 (68.7)	32,950 (72.5)	27,400 (75.1)	21,150 (77.3)	18,600 (79)			
30		37,000 (43.1)	37,600 (56.6)	34,950 (64.3)	30,250 (69.1)	24,700 (72.3)	19,100 (74.9)	16,950 (76.8)	14,500 (78.4)	11,300 (79.7)	
35		27,400 (29.8)	30,600 (49.8)	31,100 (59.3)	27,950 (65.5)	22,350 (69.4)	17,250 (72.4)	15,450 (74.6)	13,900 (76.5)	11,300 (78)	10,050 (78.8)
40			25,400 (42.1)	25,850 (53.9)	25,950 (61.2)	20,300 (66.4)	15,700 (69.8)	14,150 (72.4)	12,800 (74.5)	11,300 (76.2)	10,050 (77.1)
45			21,350 (31.5)	21,800 (48.1)	22,100 (56.8)	18,600 (62.8)	14,350 (67.1)	12,950 (70.1)	11,750 (72.5)	10,700 (74.4)	10,050 (75.4)
50			13,100 (15.9)	18,650 (41.6)	18,950 (52.1)	17,100 (59)	13,200 (64)	11,900 (67.8)	10,850 (70.4)	9,930 (72.6)	9,470 (73.6)
55				15,950 (32.7)	16,100 (47)	15,800 (55)	12,150 (60.7)	11,000 (65)	10,000 (68.3)	9,200 (70.7)	8,780 (71.8)
60				12,000 (21)	13,700 (41.3)	13,850 (50.7)	11,250 (57.2)	10,150 (62.1)	9,300 (65.9)	8,540 (68.8)	8,160 (70)
65					11,800 (33.6)	11,900 (46.2)	10,450 (53.6)	9,460 (59.1)	8,640 (63.3)	7,940 (66.7)	7,590 (68.1)
70					10,250 (24.1)	10,400 (41.2)	9,760 (49.7)	8,800 (55.9)	8,030 (60.6)	7,380 (64.3)	7,070 (66)
75					5,400 (8.3)	9,060 (34.3)	9,120 (45.6)	8,210 (52.6)	7,460 (57.7)	6,840 (61.8)	6,550 (63.7)
80						7,920 (26.3)	7,980 (41.1)	7,580 (49.1)	6,840 (54.8)	6,260 (59.3)	5,980 (61.3)
85						5,950 (15.3)	6,990 (35)	6,990 (45.3)	6,290 (51.7)	5,720 (56.7)	5,460 (58.8)
90							6,140 (27.9)	6,190 (41.2)	5,780 (48.5)	5,240 (53.9)	4,990 (56.3)
95							5,390 (19)	5,430 (35.6)	5,310 (45)	4,790 (51.1)	4,550 (53.7)
100								4,760 (29.3)	4,800 (41.2)	4,380 (48)	4,150 (50.9)
105								4,170 (21.7)	4,200 (36.1)	4,000 (44.8)	3,730 (48)
110								2,440 (10.7)	3,660 (30.3)	3,640 (41.3)	3,340 (45)
115									3,190 (23.7)	3,190 (36.5)	2,980 (41.6)
120									2,590 (15.1)	2,750 (31.3)	2,650 (37)
125										2,360 (25.4)	2,310 (32.1)
130										2,000 (18.1)	1,950 (26.5)
135											1,620 (19.9)
140											720 (10.5)

NOTE: () Boom angles are in degrees.

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LOAD CHART

NBT60XL/NTC60XL



11 m - 46 m
(36 ft - 151 ft)



7257 kg
(16,000 lbs)



100%



Over Rear



Pounds

Radius in Feet	Main Boom Length in Feet										
	36.3	48	60	72	84	96	108	120	132	144	151
6	120,000 (74.1)	49,600 (78.5)									
8	107,000 (70.9)	49,600 (76.2)	49,600 (79.5)								
10	96,450 (67.6)	49,600 (73.9)	49,600 (77.7)								
12	86,550 (63.8)	49,600 (71.5)	49,600 (75.9)	49,600 (78.7)							
15	74,700 (57.8)	49,600 (67.8)	49,600 (73.1)	46,700 (76.5)	39,700 (78.9)						
20	60,300 (46.4)	49,600 (60.5)	49,600 (68.3)	42,050 (72.7)	36,100 (75.7)	30,250 (77.8)	23,550 (79.7)				
25	37,450 (30)	49,600 (52.4)	45,850 (62.7)	38,150 (68.7)	32,950 (72.5)	27,400 (75.1)	21,150 (77.3)	18,600 (79)			
30		39,550 (43.1)	40,100 (56.6)	34,950 (64.3)	30,250 (69.1)	24,700 (72.3)	19,100 (74.9)	16,950 (76.8)	14,500 (78.4)	11,300 (79.7)	
35		27,400 (29.8)	33,000 (49.8)	32,250 (59.3)	27,950 (65.5)	22,350 (69.4)	17,250 (72.4)	15,450 (74.6)	13,900 (76.5)	11,300 (78)	10,050 (78.8)
40			27,700 (42.1)	28,000 (53.9)	25,950 (61.2)	20,300 (66.4)	15,700 (69.8)	14,150 (72.4)	12,800 (74.5)	11,300 (76.2)	10,050 (77.1)
45			22,300 (31.5)	23,900 (48.1)	24,100 (56.8)	18,600 (62.8)	14,350 (67.1)	12,950 (70.1)	11,750 (72.5)	10,700 (74.4)	10,050 (75.4)
50			13,100 (15.9)	20,650 (41.6)	20,850 (52.1)	17,100 (59)	13,200 (64)	11,900 (67.8)	10,850 (70.4)	9,930 (72.6)	9,470 (77.1)
55				17,900 (32.7)	18,000 (47)	15,800 (55)	12,150 (60.7)	11,000 (65)	10,000 (68.3)	9,200 (70.7)	8,780 (71.8)
60				12,000 (21)	15,550 (41.3)	14,650 (50.7)	11,250 (57.2)	10,150 (62.1)	9,300 (65.9)	8,540 (68.8)	8,160 (70)
65					13,500 (33.6)	13,600 (46.2)	10,450 (53.6)	9,460 (59.1)	8,640 (63.3)	7,940 (66.7)	7,590 (68.1)
70					11,150 (24.1)	11,900 (41.2)	9,760 (49.7)	8,800 (55.9)	8,030 (60.6)	7,380 (64.3)	7,070 (66)
75					5,400 (8.3)	10,550 (34.3)	9,120 (45.6)	8,210 (52.6)	7,460 (57.7)	6,840 (61.8)	6,550 (63.7)
80						9,350 (26.3)	8,530 (41.1)	7,580 (49.1)	6,840 (54.8)	6,260 (59.3)	5,980 (61.3)
85						5,950 (15.3)	7,900 (35)	6,990 (45.3)	6,290 (51.7)	5,720 (56.7)	5,460 (58.8)
90							7,340 (27.9)	6,450 (41.2)	5,780 (48.5)	5,240 (53.9)	4,990 (56.3)
95							5,620 (19)	5,960 (35.6)	5,310 (45)	4,790 (51.1)	4,550 (53.7)
100								5,520 (29.3)	4,880 (41.2)	4,380 (48)	4,150 (50.9)
105								5,110 (21.7)	4,490 (36.1)	4,000 (44.8)	3,730 (48)
110								2,440 (10.7)	4,120 (30.3)	3,640 (41.3)	3,340 (45)
115									3,780 (23.7)	3,320 (36.5)	2,980 (41.6)
120									2,590 (15.1)	3,010 (31.3)	2,650 (37)
125										2,730 (25.4)	2,350 (32.1)
130										2,460 (18.1)	2,070 (26.5)
135											1,800 (19.9)
140											720 (10.5)

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LOAD CHART

NBT60XL/NTC60XL



11 m – 46 m
(36 ft – 151 ft)



11 m (36 ft)



7257 kg
(16,000 lbs)



100%



360°



Pounds

Radius in Feet	Main Boom Length in Feet											
	0° OFFSET ANGLE				15° OFFSET ANGLE				30° OFFSET ANGLE			
	120	132	144	151	120	132	144	151	120	132	144	151
30	7,720 (80)	--	--	--	--	--	--	--	--	--	--	--
35	7,720 (78.4)	6,370 (79.6)	--	--	--	--	--	--	--	--	--	--
40	7,720 (76.8)	6,370 (78.1)	5,200 (79.2)	4,420 (79.8)	7,000 (79.5)	--	--	--	--	--	--	--
45	7,720 (75.2)	6,370 (76.6)	5,200 (77.8)	4,420 (78.5)	6,730 (77.8)	--	--	--	--	--	--	--
50	7,670 (73.5)	6,370 (75.1)	5,200 (76.4)	4,420 (77.1)	6,540 (76.2)	6,400 (77.6)	--	--	5,660 (78.6)	--	--	--
55	7,260 (71.8)	6,370 (73.6)	5,200 (75)	4,420 (75.8)	6,360 (74.5)	6,150 (76.1)	5,590 (77.4)	4,940 (78)	5,530 (76.9)	5,440 (78.2)	--	--
60	6,880 (70.1)	6,370 (72)	5,200 (73.6)	4,420 (74.4)	6,100 (72.8)	5,880 (74.5)	5,590 (75.9)	4,940 (76.7)	5,420 (75.1)	5,350 (76.6)	5,190 (78)	--
65	6,520 (68.4)	6,260 (70.5)	5,200 (72.2)	4,420 (73.1)	5,810 (71)	5,620 (72.9)	5,370 (74.5)	4,940 (75.3)	5,320 (73.3)	5,190 (75)	5,000 (76.5)	4,870 (77.2)
70	6,180 (66.6)	5,960 (68.8)	5,200 (70.7)	4,420 (71.7)	5,550 (69.2)	5,380 (71.3)	5,160 (73)	4,940 (73.9)	5,140 (71.5)	4,990 (73.4)	4,810 (75)	4,700 (75.8)
75	5,870 (64.4)	5,690 (67.2)	5,200 (69.2)	4,420 (70.3)	5,300 (67.4)	5,150 (69.6)	4,960 (71.6)	4,840 (72.5)	4,940 (69.6)	4,800 (71.7)	4,640 (73.5)	4,540 (74.3)
80	5,580 (62.1)	5,400 (65.2)	4,990 (67.7)	4,420 (68.8)	5,070 (65.3)	4,930 (68)	4,760 (70)	4,660 (71.1)	4,760 (67.7)	4,630 (70)	4,470 (72)	4,380 (72.9)
85	5,310 (59.8)	5,060 (63.2)	4,680 (65.9)	4,420 (67.3)	4,860 (63)	4,730 (66.1)	4,580 (68.5)	4,480 (69.6)	4,580 (65.5)	4,460 (68.2)	4,320 (70.4)	4,230 (71.4)
90	5,070 (57.4)	4,750 (61)	4,380 (64)	4,200 (65.5)	4,660 (60.6)	4,550 (64)	4,400 (66.9)	4,250 (68.1)	4,420 (63.1)	4,310 (66.4)	4,170 (68.8)	4,090 (69.9)
95	4,830 (54.9)	4,450 (58.8)	4,100 (62.1)	3,930 (63.7)	4,480 (58.1)	4,370 (61.8)	4,150 (64.9)	3,980 (66.4)	4,270 (60.6)	4,160 (64.1)	4,030 (67.1)	3,960 (68.3)
100	4,540 (52.4)	4,170 (56.6)	3,840 (60)	3,670 (61.8)	4,310 (55.6)	4,200 (59.5)	3,890 (62.9)	3,730 (64.5)	4,130 (57.9)	4,020 (61.8)	3,900 (65)	3,820 (66.6)
105	4,270 (49.7)	3,920 (54.3)	3,600 (58)	3,430 (59.8)	4,150 (52.9)	3,950 (57.2)	3,650 (60.8)	3,500 (62.5)	4,010 (55.2)	3,900 (59.4)	3,730 (62.9)	3,580 (64.6)
110	4,020 (46.9)	3,680 (51.9)	3,370 (55.9)	3,070 (57.8)	4,010 (50.1)	3,710 (54.8)	3,420 (58.7)	3,270 (60.5)	3,890 (52.2)	3,780 (56.9)	3,500 (60.7)	3,360 (62.5)
115	3,790 (44)	3,450 (49.4)	3,150 (53.7)	2,730 (55.7)	3,810 (47.1)	3,490 (52.3)	3,200 (56.5)	2,940 (58.4)	3,780 (49.2)	3,550 (54.3)	3,280 (58.5)	3,100 (60.4)
120	3,480 (40.8)	3,240 (46.7)	2,900 (51.4)	2,420 (53.6)	3,600 (43.9)	3,280 (49.7)	3,000 (54.2)	2,610 (56.3)	3,650 (45.8)	3,340 (51.6)	3,070 (56.1)	2,760 (58.2)
125	3,080 (36.3)	2,950 (44)	2,640 (49.1)	2,130 (51.4)	3,280 (40.3)	3,080 (46.9)	2,810 (51.8)	2,320 (54.1)	3,420 (42.2)	3,140 (48.7)	2,880 (53.7)	2,450 (56)
130	2,710 (31.5)	2,580 (40.9)	2,400 (46.6)	1,870 (49.2)	2,890 (35.2)	2,800 (43.9)	2,560 (49.3)	2,040 (51.8)	2,990 (37)	2,950 (45.6)	2,690 (51.1)	2,170 (53.6)
135	2,390 (26.2)	2,250 (36.8)	2,130 (44)	1,630 (46.8)	2,520 (29.6)	2,440 (40.5)	2,320 (46.7)	1,780 (49.4)	--	2,560 (42.3)	2,440 (48.4)	1,900 (51.1)
140	2,090 (20)	1,940 (32.3)	1,820 (41.2)	1,400 (44.3)	2,190 (23)	2,110 (35.8)	2,020 (43.9)	1,550 (46.9)	--	2,200 (37.4)	2,160 (45.5)	1,640 (48.5)
145	1,320 (11.7)	1,660 (27.4)	1,540 (37.2)	1,190 (41.6)	--	1,800 (30.6)	1,720 (40.7)	1,320 (44.2)	--	--	1,830 (42.4)	1,410 (45.7)
150	--	1,410 (21.8)	1,270 (33)	990 (37.8)	--	1,510 (24.7)	1,430 (36.3)	1,110 (41.1)	--	--	1,520 (37.8)	1,180 (42.7)
155	--	1,180 (14.9)	1,030 (28.5)	810 (33.7)	--	1,250 (17.3)	1,160 (31.5)	910 (36.9)	--	--	--	970 (38.4)
160	--	--	810 (23.4)	640 (29.3)	--	--	920 (26.1)	730 (32.3)	--	--	--	--
165	--	--	610 (17.3)	--	--	--	690 (19.7)	550 (27.2)	--	--	--	--

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LOAD CHART

NBT60XL/NTC60XL



11 m - 46 m
(36 ft - 151 ft)



11 m (36 ft)



7257 kg
(16,000 lbs)



100%



Over Rear



Pounds

Radius in Feet	Main Boom Length in Feet											
	0° OFFSET ANGLE				15° OFFSET ANGLE				30° OFFSET ANGLE			
	120	132	144	151	120	132	144	151	120	132	144	151
30	7,720 (80)	--	--	--	--	--	--	--	--	--	--	--
35	7,720 (78.4)"	6,370 (79.6)	--	--	--	--	--	--	--	--	--	--
40	7,720 (76.8)	6,370 (78.1)	5,200 (79.2)	4,420 (79.8)	7,000 (79.5)	--	--	--	--	--	--	--
45	7,720 (75.2)	6,370 (76.6)	5,200 (77.8)	4,420 (78.5)	6,730 (77.8)	--	--	--	--	--	--	--
50	7,670 (73.5)	6,370 (75.1)	5,200 (76.4)	4,420 (77.1)	6,540 (76.2)	6,400 (77.6)	--	--	5,660 (78.6)	--	--	--
55	7,260 (71.8)	6,370 (73.6)	5,200 (75)	4,420 (75.8)	6,360 (74.5)	6,150 (76.1)	5,590 (77.4)	4,940 (78)	5,530 (76.9)	5,440 (78.2)	--	--
60	6,880 (70.1)	6,370 (72)	5,200 (73.6)	4,420 (74.4)	6,100 (72.8)	5,880 (74.5)	5,590 (75.9)	4,940 (76.7)	5,420 (75.1)	5,350 (76.6)	5,190 (78)	--
65	6,520 (68.4)	6,260 (70.5)	5,200 (72.2)	4,420 (73.1)	5,810 (71)	5,620 (72.9)	5,370 (74.5)	4,940 (75.3)	5,320 (73.3)	5,190 (75)	5,000 (76.5)	4,870 (77.2)
70	6,180 (66.6)	5,960 (68.8)	5,200 (70.7)	4,420 (71.7)	5,550 (69.2)	5,380 (71.3)	5,160 (73)	4,940 (73.9)	5,140 (71.5)	4,990 (73.4)	4,810 (75)	4,700 (75.8)
75	5,870 (64.4)	5,690 (67.2)	5,200 (69.2)	4,420 (70.3)	5,300 (67.4)	5,150 (69.6)	4,960 (71.6)	4,840 (72.5)	4,940 (69.6)	4,800 (71.7)	4,640 (73.5)	4,540 (74.3)
80	5,580 (62.1)	5,400 (65.2)	4,990 (67.7)	4,420 (68.8)	5,070 (65.3)	4,930 (68)	4,760 (70)	4,660 (71.1)	4,760 (67.7)	4,630 (70)	4,470 (72)	4,380 (72.9)
85	5,310 (59.8)	5,060 (63.2)	4,680 (65.9)	4,420 (67.3)	4,860 (63)	4,730 (66.1)	4,580 (68.5)	4,480 (69.6)	4,580 (65.5)	4,460 (68.2)	4,320 (70.4)	4,230 (71.4)
90	5,070 (57.4)	4,750 (61)	4,380 (64)	4,200 (65.5)	4,660 (60.6)	4,550 (64)	4,400 (66.9)	4,250 (68.1)	4,420 (63.1)	4,310 (66.4)	4,170 (68.8)	4,090 (69.9)
95	4,830 (54.9)	4,450 (58.8)	4,100 (62.1)	3,930 (63.7)	4,480 (58.1)	4,370 (61.8)	4,150 (64.9)	3,980 (66.4)	4,270 (60.6)	4,160 (64.1)	4,030 (67.1)	3,960 (68.3)
100	4,540 (52.4)	4,170 (56.6)	3,840 (60)	3,670 (61.8)	4,310 (55.6)	4,200 (59.5)	3,890 (62.9)	3,730 (64.5)	4,130 (57.9)	4,020 (61.8)	3,900 (65)	3,820 (66.6)
105	4,270 (49.7)	3,920 (54.3)	3,600 (58)	3,430 (59.8)	4,150 (52.9)	3,950 (57.2)	3,650 (60.8)	3,500 (62.5)	4,010 (55.2)	3,900 (59.4)	3,730 (62.9)	3,580 (64.6)
110	4,020 (46.9)	3,680 (51.9)	3,370 (55.9)	3,070 (57.8)	4,010 (50.1)	3,710 (54.8)	3,420 (58.7)	3,270 (60.5)	3,890 (52.2)	3,780 (56.9)	3,500 (60.7)	3,360 (62.5)
115	3,790 (44)	3,450 (49.4)	3,150 (53.7)	2,730 (55.7)	3,810 (47.1)	3,490 (52.3)	3,200 (56.5)	2,940 (58.4)	3,780 (49.2)	3,550 (54.3)	3,280 (58.5)	3,100 (60.4)
120	3,570 (40.8)	3,240 (46.7)	2,900 (51.4)	2,420 (53.6)	3,600 (43.9)	3,280 (49.7)	3,000 (54.2)	2,610 (56.3)	3,650 (45.8)	3,340 (51.6)	3,070 (56.1)	2,760 (58.2)
125	3,370 (36.3)	3,030 (44)	2,640 (49.1)	2,130 (51.4)	3,400 (40.3)	3,080 (46.9)	2,810 (51.8)	2,320 (54.1)	3,440 (42.2)	3,140 (48.7)	2,880 (53.7)	2,450 (56)
130	3,180 (31.5)	2,780 (40.9)	2,400 (46.6)	1,870 (49.2)	3,210 (35.2)	2,900 (43.9)	2,560 (49.3)	2,040 (51.8)	3,250 (37)	2,950 (45.6)	2,690 (51.1)	2,170 (53.6)
135	2,990 (26.2)	2,550 (36.8)	2,170 (44)	1,630 (46.8)	3,030 (29.6)	2,660 (40.5)	2,320 (46.7)	1,780 (49.4)	--	2,760 (42.3)	2,440 (48.4)	1,900 (51.1)
140	2,770 (20)	2,330 (32.3)	1,960 (41.2)	1,400 (44.3)	2,840 (23)	2,430 (35.8)	2,090 (43.9)	1,550 (46.9)	--	2,510 (37.4)	2,190 (45.5)	1,640 (48.5)
145	1,320 (11.7)	2,120 (27.4)	1,750 (37.2)	1,190 (41.6)	--	2,210 (30.6)	1,870 (40.7)	1,320 (44.2)	--	--	1,960 (42.4)	1,410 (45.7)
150	--	1,920 (21.8)	1,560 (33)	990 (37.8)	--	1,990 (24.7)	1,660 (36.3)	1,110 (41.1)	--	--	1,730 (37.8)	1,180 (42.7)
155	--	1,240 (14.9)	1,380 (28.5)	810 (33.7)	--	1,670 (17.3)	1,460 (31.5)	910 (36.9)	--	--	--	970 (38.4)
160	--	--	1,200 (23.4)	640 (29.3)	--	--	1,280 (26.1)	730 (32.3)	--	--	--	--
165	--	--	1,040 (17.3)	--	--	--	1,090 (19.7)	550 (27.2)	--	--	--	--

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