



Maximum Allowable Travel Specifications

**MAX-ER 2000
On 2250**

**Boom No. 79-44 With 130 Ft. (39.6m) Mast No. 44
Jib No. 132 With 20 Ft. (6 096 mm) Strut
Wheeled Counterweight**

Jobsite Travel

2250 With MAX-ER 2000 must be equipped with 169,200 Lb. (76 750 kg) crane counterweight and 60,000 Lb. (27 220 kg) carbody counterweight; and 0 Lb. (0 kg) through 462,000 Lb. (209 560 kg) wheeled counterweight as specified in tables. Refer to Operator's Manual for maximum wind speed for various boom and jib lengths. Refer to capacity charts for maximum boom and jib lengths lifted unassisted.

1. Machine Travel With Load and Wheeled Counterweight

- A. Grade in any direction must not exceed 1 percent (0.5 degrees).
- B. **Warning:** For travel with crane upperworks in-line to crawlers, swing brake and swing lock must be free (released).
For travel with crane upperworks 90 degrees to crawlers, wheeled counterweight **must be in the air**, free of ground support. Swing brake and swing lock must be free (released).
- C. Travel surface must be firm, level and uniformly supporting. Capacity charts are based on static conditions; therefore judgment must be used to allow for dynamic effects of traveling with load. Carry load as close to ground as possible. Stabilize load with taglines. Travel slowly and smoothly to avoid shock loading boom, jib and rigging.
- D. Machine can swing and travel in normal manner when wheeled counterweight assembly is free of ground support or removed.
- E. Counterweight wheels must be properly positioned before swinging or traveling machine when wheeled counterweight is contacting ground. Refer to Operator's Manual for instructions.

REFERENCED ONLY!



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2. Machine Travel Without Load and With Wheeled Counterweight

- A. Load blocks and/or hook and weight balls may be suspended beneath lower boom point, upper boom point and jib point or tied off to machine rotating bed. Total combined suspended weight beneath lower and upper boom points must not exceed 14,000 Lb. (6 350 kg). Total suspended weight beneath jib point must not exceed 5,000 Lbs. (2 270 kg).
- B. **Travel with crane upperworks in-line to crawlers.** Do not exceed 1 percent (0.5 degrees) side-to-side grade measured at boom hinge pins when cutting (steering on grade).
- C. **Warning:** Swing brake and swing lock must be free (released).
- D. Machine to travel on a firm and uniformly supporting surface. Travel may be limited depending upon ground conditions.
- E. For crane upperworks in-line to crawlers, grade in direction of travel must not exceed 8 percent (4.5 degrees). Side-to-side grade must not exceed 1 percent (0.5 degrees) measured at boom hinge pins.
- F. Adjust boom within boom angle range shown in tables on pages 3 thru 12 with machine in a level position before traveling onto grade. Do not change boom angle after crane has been traveled onto grade. Boom angle is angle between horizontal and centerline of boom butt and inserts. Refer to table below for grade vs. angle when traveling.
- G. **Warning:** Change in grade must not exceed 2 percent (1.1 degrees) in 50 Ft. (15.2m).
- H. Counterweight wheels must be properly positioned before swinging or traveling machine when wheeled counterweight is contacting ground. Refer to Operator's Manual for instructions.
- I. Boom lengths shown in tables on pages 3 thru 9 do not include jib. Boom lengths shown in tables on pages 10 thru 12 include all jib lengths and offset angles.
- J. **Warning:** Travel prohibited for boom lengths not shown in tables on pages 3 thru 12. *Crane could tip.*

Percent Grade vs. Angle In Degrees	
Percent Grade	Angle
1	0.5
3	1.7
5	3.0
8	4.5



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Wheeled Counterweight

MAX-ER 2000 On 2250

MACHINE TRAVEL WITHOUT LOAD BOOM FACING DOWNHILL		
Boom Angle Range in Degrees	Boom Length	
	0 Lb. (0 kg) Counterweight	
	Feet	Meters
0 - 1% Grade		
50 - 72	200 - 220	61.0 - 67.1
2 - 5% Grade		
40 - 72	—	—
50 - 72	200	61.0
60 - 72	220	67.1
6 - 8% Grade		
50 - 72	—	—
60 - 72	200 - 220	61.0 - 67.1

MACHINE TRAVEL WITHOUT LOAD BOOM FACING UPHILL		
Boom Angle Range in Degrees	Boom Length	
	0 Lb. (0 kg) Counterweight	
	Feet	Meters
0 - 1% Grade		
50 - 72	200 - 220	61.0 - 67.1
2 - 5% Grade		
40 - 72	200	61.0
50 - 72	220	67.1
60 - 72	—	—
6 - 8% Grade		
50 - 72	200	61.0
60 - 72	220	67.1

REFERENCE ONLY!



Maximum Allowable Travel Specifications

MAX-ER 2000 On 2250

Boom No. 79-44 With 130 Ft. (39.6m) Mast No. 44
Wheeled Counterweight

MACHINE TRAVEL WITHOUT LOAD - BOOM FACING DOWNHILL					
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	30 Ft. (9.1m) Position				
	120,000 Lb. (54 430 kg) Counterweight		240,000 Lb. (108 860 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 220	61.0 - 67.1	200 - 300	61.0 - 91.4	30 - 72
40 - 72	240 - 260	73.2 - 79.2	320	97.5	40 - 72
50 - 72	280 - 300	85.3 - 91.4	340 - 360	103.6 - 109.7	50 - 72
2 - 5% Grade					
30 - 72	200 - 220	61.0 - 67.1	200 - 280	61.0 - 85.3	30 - 72
40 - 72	240	73.2	300	91.4	40 - 72
50 - 72	260 - 280	79.2 - 85.3	320 - 340	97.5 - 103.6	50 - 72
60 - 72	300	91.4	360	109.7	60 - 72
6 - 8% Grade					
30 - 72	—	—	—	—	30 - 72
40 - 72	—	—	200	61.0	40 - 72
50 - 72	—	—	220	67.1	50 - 72
60 - 72	200	61.0	240 - 260	73.2 - 79.2	60 - 72
65 - 72	220	67.1	280 - 300	85.3 - 91.4	65 - 72
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	30 Ft. (9.1m) Position				
	362,000 Lb. (164 200 kg) Counterweight		462,000 Lb. (209 560 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 340	61.0 - 103.6	200 - 400	61.0 - 121.9	30 - 72
40 - 72	360 - 380	109.7 - 115.8	—	—	40 - 72
50 - 72	400	121.9	—	—	50 - 72
2 - 5% Grade					
30 - 72	200 - 320	61.0 - 97.5	200 - 360	61.0 - 109.7	30 - 72
40 - 72	340 - 360	103.6 - 109.7	380 - 400	115.8 - 121.9	40 - 72
50 - 72	380 - 400	115.8 - 121.9	—	—	50 - 72
6 - 8% Grade					
30 - 72	200 - 220	61.0 - 67.1	200 - 260	61.0 - 79.2	30 - 72
40 - 72	240	73.2	280	85.3	40 - 72
50 - 72	260 - 280	79.2 - 85.3	300	91.4	50 - 72
60 - 72	300 - 320	91.4 - 97.5	320 - 380	97.5 - 115.8	60 - 72
65 - 72	340 - 360	103.6 - 109.7	400	121.9	65 - 72



Maximum Allowable Travel Specifications

MAX-ER 2000 On 2250

Boom No. 79-44 With 130 Ft. (39.6m) Mast No. 44
Wheeled Counterweight

MACHINE TRAVEL WITHOUT LOAD - BOOM FACING UPHILL					
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	30 Ft. (9.1m) Position				
	120,000 Lb. (54 430 kg) Counterweight		240,000 Lb. (108 860 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 220	61.0 - 67.1	200 - 300	61.0 - 91.4	30 - 72
40 - 72	240 - 260	73.2 - 79.2	320	97.5	40 - 72
50 - 72	280 - 300	85.3 - 91.4	340 - 360	103.6 - 109.7	50 - 72
2 - 5% Grade					
30 - 72	200 - 240	61.0 - 73.2	200 - 300	61.0 - 91.4	30 - 72
40 - 72	260 - 280	79.2 - 85.3	320 - 340	97.5 - 103.6	40 - 72
50 - 72	300	91.4	360	109.7	50 - 72
60 - 72	—	—	—	—	60 - 72
6 - 8% Grade					
30 - 72	—	—	200 - 220	61.0 - 67.1	30 - 72
40 - 72	—	—	240	73.2	40 - 72
50 - 72	200 - 220	61.0 - 67.1	260 - 300	79.2 - 91.4	50 - 72
60 - 72	240 - 280	73.2 - 85.3	320 - 360	97.5 - 109.7	60 - 72
65 - 72	300	91.4	—	—	65 - 72
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	30 Ft. (9.1m) Position				
	362,000 Lb. (164 200 kg) Counterweight		462,000 Lb. (209 560 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 340	61.0 - 103.6	200 - 400	61.0 - 121.9	30 - 72
40 - 72	360 - 380	109.7 - 115.8	—	—	40 - 72
50 - 72	400	121.9	—	—	50 - 72
2 - 5% Grade					
30 - 72	200 - 360	61.0 - 109.7	200 - 400	61.0 - 121.9	30 - 72
40 - 72	380 - 400	115.8 - 121.9	—	—	40 - 72
50 - 72	—	—	—	—	50 - 72
6 - 8% Grade					
30 - 72	200 - 280	61.0 - 85.3	200 - 300	61.0 - 91.4	30 - 72
40 - 72	300	91.4	320 - 340	97.5 - 103.6	40 - 72
50 - 72	320 - 360	97.5 - 109.7	360 - 400	109.7 - 121.9	50 - 72
60 - 72	380 - 400	115.8 - 121.9	—	—	60 - 72
65 - 72	—	—	—	—	65 - 72



Maximum Allowable Travel Specifications

MAX-ER 2000 On 2250

Boom No. 79-44 With 130 Ft. (39.6m) Mast No. 44
Wheeled Counterweight

MACHINE TRAVEL WITHOUT LOAD - BOOM FACING DOWNHILL					
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	40 Ft. (12.2m) Position				
	120,000 Lb. (54 430 kg) Counterweight		240,000 Lb. (108 860 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 240	61.0 - 73.2	200 - 320	61.0 - 97.5	30 - 72
40 - 72	260 - 280	79.2 - 85.3	340 - 360	103.6 - 109.7	40 - 72
50 - 72	300 - 320	91.4 - 97.5	380 - 400	115.8 - 121.9	50 - 72
2 - 5% Grade					
30 - 72	200 - 240	61.0 - 73.2	200 - 300	61.0 - 91.4	30 - 72
40 - 72	260	79.2	320 - 340	97.5 - 103.6	40 - 72
50 - 72	280 - 300	85.3 - 91.4	360 - 380	109.7 - 115.8	50 - 72
60 - 72	320	97.5	400	121.9	60 - 72
6 - 8% Grade					
30 - 72	—	—	200	61.0	30 - 72
40 - 72	—	—	220	67.1	40 - 72
50 - 72	—	—	240 - 260	73.2 - 79.2	50 - 72
60 - 72	200 - 220	61.0 - 67.1	280 - 300	85.3 - 91.4	60 - 72
65 - 72	240	73.2	320 - 340	97.5 - 103.6	65 - 72
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	40 Ft. (12.2m) Position				
	362,000 Lb. (164 200 kg) Counterweight		462,000 Lb. (209 560 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 400	61.0 - 121.9	200 - 400	61.0 - 121.9	30 - 72
2 - 5% Grade					
30 - 72	200 - 380	61.0 - 115.8	200 - 400	61.0 - 121.9	30 - 72
40 - 72	400	121.9	—	—	40 - 72
6 - 8% Grade					
30 - 72	200 - 280	61.0 - 85.3	200 - 300	61.0 - 91.4	30 - 72
40 - 72	300	91.4	320 - 340	97.5 - 103.6	40 - 72
50 - 72	320	97.5	360 - 400	109.7 - 121.9	50 - 72
60 - 72	340 - 400	103.6 - 121.9	360 - 400	109.7 - 121.9	60 - 72



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Boom No. 79-44 With 130 Ft. (39.6m) Mast No. 44
Wheeled Counterweight

MACHINE TRAVEL WITHOUT LOAD - BOOM FACING UPHILL					
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	40 Ft. (12.2m) Position				
	120,000 Lb. (54 430 kg) Counterweight		240,000 Lb. (108 860 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 240	61.0 - 73.2	200 - 320	61.0 - 97.5	30 - 72
40 - 72	260 - 280	79.2 - 85.3	340 - 360	103.6 - 109.7	40 - 72
50 - 72	300 - 320	91.4 - 97.5	380 - 400	115.8 - 121.9	50 - 72
2 - 5% Grade					
30 - 72	200 - 260	61.0 - 79.2	200 - 320	61.0 - 97.5	30 - 72
40 - 72	280 - 300	85.3 - 91.4	340 - 380	103.6 - 115.8	40 - 72
50 - 72	320	97.5	400	121.9	50 - 72
60 - 72	—	—	—	—	60 - 72
6 - 8% Grade					
30 - 72	—	—	200 - 240	61.0 - 73.2	30 - 72
40 - 72	200	61.0	260 - 280	79.2 - 85.3	40 - 72
50 - 72	220 - 240	67.1 - 73.2	300 - 320	91.4 - 97.5	50 - 72
60 - 72	260 - 300	79.2 - 91.4	340 - 400	103.6 - 121.9	60 - 72
65 - 72	320	97.5	—	—	65 - 72
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	40 Ft. (12.2m) Position				
	362,000 Lb. (164 200 kg) Counterweight		462,000 Lb. (209 560 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 400	61.0 - 121.9	200 - 400	61.0 - 121.9	30 - 72
2 - 5% Grade					
30 - 72	200 - 400	61.0 - 121.9	200 - 400	61.0 - 121.9	30 - 72
40 - 72	—	—	—	—	40 - 72
6 - 8% Grade					
30 - 72	200 - 320	61.0 - 97.5	200 - 360	61.0 - 109.7	30 - 72
40 - 72	340 - 360	103.6 - 109.7	380 - 400	115.8 - 121.9	40 - 72
50 - 72	380 - 400	115.8 - 121.9	—	—	50 - 72
60 - 72	—	—	—	—	60 - 72



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Boom No. 79-44 With 130 Ft. (39.6m) Mast No. 44
Wheeled Counterweight

MACHINE TRAVEL WITHOUT LOAD - BOOM FACING DOWNHILL					
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	50 Ft. (15.2m) Position				
	120,000 Lb. (54 430 kg) Counterweight		240,000 Lb. (108 860 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 280	61.0 - 85.3	200 - 360	61.0 - 109.7	30 - 72
40 - 72	300	91.4	380 - 400	115.8 - 121.9	40 - 72
50 - 72	320	97.5	—	—	50 - 72
60 - 72	340	103.6	—	—	60 - 72
2 - 5% Grade					
30 - 72	200 - 260	61.0 - 79.2	200 - 320	61.0 - 97.5	30 - 72
40 - 72	280	85.3	340 - 360	103.6 - 109.7	40 - 72
50 - 72	300 - 320	91.4 - 97.5	380 - 400	115.8 - 121.9	50 - 72
60 - 72	340	103.6	—	—	60 - 72
6 - 8% Grade					
30 - 72	—	—	200 - 240	61.0 - 73.2	30 - 72
40 - 72	—	—	260	79.2	40 - 72
50 - 72	200 - 220	61.0 - 67.1	280 - 300	85.3 - 91.4	50 - 72
60 - 72	240	73.2	320 - 360	97.5 - 109.7	60 - 72
65 - 72	260 - 280	79.2 - 85.3	380 - 400	115.8 - 121.9	65 - 72
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	50 Ft. (15.2m) Position				
	362,000 Lb. (164 200 kg) Counterweight		462,000 Lb. (209 560 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 400	61.0 - 121.9	200 - 400	61.0 - 121.9	30 - 72
2 - 5% Grade					
30 - 72	200 - 400	61.0 - 121.9	200 - 400	61.0 - 121.9	30 - 72
6 - 8% Grade					
30 - 72	200 - 300	61.0 - 91.4	200 - 360	61.0 - 109.7	30 - 72
40 - 72	320 - 340	97.5 - 103.6	380 - 400	115.8 - 121.9	40 - 72
50 - 72	360 - 380	109.7 - 115.8	—	—	50 - 72
60 - 72	400	121.9	—	—	60 - 72



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MAX-ER 2000 On 2250

Boom No. 79-44 With 130 Ft. (39.6m) Mast No. 44
Wheeled Counterweight

MACHINE TRAVEL WITHOUT LOAD - BOOM FACING UPHILL					
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	50 Ft. (15.2m) Position				
	120,000 Lb. (54 430 kg) Counterweight		240,000 Lb. (108 860 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 280	61.0 - 85.3	200 - 360	61.0 - 109.7	30 - 72
40 - 72	300	91.4	380 - 400	115.8 - 121.9	40 - 72
50 - 72	320	97.5	—	—	50 - 72
60 - 72	340	103.6	—	—	60 - 72
2 - 5% Grade					
30 - 72	200 - 280	61.0 - 85.3	200 - 360	61.0 - 109.7	30 - 72
40 - 72	300	91.4	380 - 400	115.8 - 121.9	40 - 72
50 - 72	320 - 340	97.5 - 103.6	—	—	50 - 72
60 - 72	—	—	—	—	60 - 72
6 - 8% Grade					
30 - 72	200	61.0	200 - 300	61.0 - 91.4	30 - 72
40 - 72	220	67.1	320	97.5	40 - 72
50 - 72	240 - 280	73.2 - 85.3	340 - 380	103.6 - 115.8	50 - 72
60 - 72	300 - 340	91.4 - 103.6	400	121.9	60 - 72
65 - 72	—	—	—	—	65 - 72
Boom Angle Range in Degrees	Boom Length				Boom Angle Range in Degrees
	50 Ft. (15.2m) Position				
	362,000 Lb. (164 200 kg) Counterweight		462,000 Lb. (209 560 kg) Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
30 - 72	200 - 400	61.0 - 121.9	200 - 400	61.0 - 121.9	30 - 72
2 - 5% Grade					
30 - 72	200 - 400	61.0 - 121.9	200 - 400	61.0 - 121.9	30 - 72
6 - 8% Grade					
30 - 72	200 - 360	61.0 - 109.7	200 - 400	61.0 - 121.9	30 - 72
40 - 72	380 - 400	115.8 - 121.9	—	—	40 - 72
50 - 72	—	—	—	—	50 - 72
60 - 72	—	—	—	—	60 - 72



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Jib No. 132 With 20 Ft. (6 096 mm) Strut
Wheeled Counterweight

Machine Travel Without Load - Boom Facing Downhill					
Boom Angle Range in Degrees	Boom Length (includes all jib lengths and offset angles)				Boom Angle Range in Degrees
	30 Ft. (9.1m) Position				
	240,000 Lb. (108 860 kg) Wheeled Counterweight		462,000 Lb. (209 560 kg) Wheeled Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
50 - 72	200 - 300	61.0 - 91.4	200 - 340	61.0 - 103.6	50 - 72
2 - 5% Grade					
50 - 72	200 - 300	61.0 - 91.4	200 - 340	61.0 - 103.6	50 - 72
6 - 8% Grade					
50 - 72	200	61.0	200 - 300	61.0 - 91.4	50 - 72
60 - 72	220	67.1	320 - 340	97.5 - 103.6	60 - 72
65 - 72	240 - 260	73.2 - 79.2	—	—	65 - 72

Machine Travel Without Load - Boom Facing Uphill					
Boom Angle Range in Degrees	Boom Length (includes all jib lengths and offset angles)				Boom Angle Range in Degrees
	30 Ft. (9.1m) Position				
	240,000 Lb. (108 860 kg) Wheeled Counterweight		462,000 Lb. (209 560 kg) Wheeled Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
50 - 72	200 - 300	61.0 - 91.4	200 - 340	61.0 - 103.6	50 - 72
2 - 5% Grade					
50 - 72	200 - 300	61.0 - 91.4	200 - 340	61.0 - 103.6	50 - 72
6 - 8% Grade					
50 - 72	200 - 260	61.0 - 79.2	200 - 340	61.0 - 103.6	50 - 72
60 - 72	280 - 300	85.3 - 91.4	—	—	60 - 72



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Jib No. 132 With 20 Ft. (6 096 mm) Strut
Wheeled Counterweight

Machine Travel Without Load - Boom Facing Downhill					
Boom Angle Range in Degrees	Boom Length (includes all jib lengths and offset angles)				Boom Angle Range in Degrees
	40 Ft. (12.2m) Position				
	240,000 Lb. (108 860 kg) Wheeled Counterweight		462,000 Lb. (209 560 kg) Wheeled Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
50 - 72	200 - 340	61.0 - 103.6	200 - 360	61.0 - 109.7	50 - 72
2 - 5% Grade					
50 - 72	200 - 340	61.0 - 103.6	200 - 360	61.0 - 109.7	50 - 72
6 - 8% Grade					
50 - 72	200 - 240	61.0 - 73.2	200 - 360	61.0 - 109.7	50 - 72
60 - 72	260 - 280	79.2 - 85.3	—	—	60 - 72
65 - 72	300	91.4	—	—	65 - 72

Machine Travel Without Load - Boom Facing Uphill					
Boom Angle Range in Degrees	Boom Length (includes all jib lengths and offset angles)				Boom Angle Range in Degrees
	40 Ft. (12.2m) Position				
	240,000 Lb. (108 860 kg) Wheeled Counterweight		462,000 Lb. (209 560 kg) Wheeled Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
50 - 72	200 - 340	61.0 - 103.6	200 - 360	61.0 - 109.7	50 - 72
2 - 5% Grade					
50 - 72	200 - 340	61.0 - 103.6	200 - 360	61.0 - 109.7	50 - 72
6 - 8% Grade					
50 - 72	200 - 300	61.0 - 91.4	200 - 360	61.0 - 109.7	50 - 72
60 - 72	320 - 340	97.5 - 103.6	—	—	60 - 72



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Boom No. 79-44 With 130 Ft. (39.6m) Mast No. 44
Jib No. 132 With 20 Ft. (6 096 mm) Strut
Wheeled Counterweight

Machine Travel Without Load - Boom Facing Downhill					
Boom Angle Range in Degrees	Boom Length (includes all jib lengths and offset angles)				Boom Angle Range in Degrees
	50 Ft. (12.2m) Position				
	240,000 Lb. (108 860 kg) Wheeled Counterweight		462,000 Lb. (209 560 kg) Wheeled Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
50 - 72	200 - 360	61.0 - 109.7	200 - 400	61.0 - 121.9	50 - 72
2 - 5% Grade					
50 - 72	200 - 360	61.0 - 109.7	200 - 400	61.0 - 121.9	50 - 72
6 - 8% Grade					
50 - 72	200 - 280	61.0 - 85.3	200 - 400	61.0 - 121.9	50 - 72
60 - 72	300 - 320	91.4 - 97.5	—	—	60 - 72
65 - 72	340 - 360	103.6 - 109.7	—	—	65 - 72

Machine Travel Without Load - Boom Facing Uphill					
Boom Angle Range in Degrees	Boom Length (includes all jib lengths and offset angles)				Boom Angle Range in Degrees
	50 Ft. (12.2m) Position				
	240,000 Lb. (108 860 kg) Wheeled Counterweight		462,000 Lb. (209 560 kg) Wheeled Counterweight		
	Feet	Meters	Feet	Meters	
0 - 1% Grade					
50 - 72	200 - 360	61.0 - 109.7	200 - 400	61.0 - 121.9	50 - 72
2 - 5% Grade					
50 - 72	200 - 360	61.0 - 109.7	200 - 400	61.0 - 121.9	50 - 72
6 - 8% Grade					
50 - 72	200 - 340	61.0 - 103.6	200 - 400	61.0 - 121.9	50 - 72
60 - 72	360	109.7	—	—	60 - 72