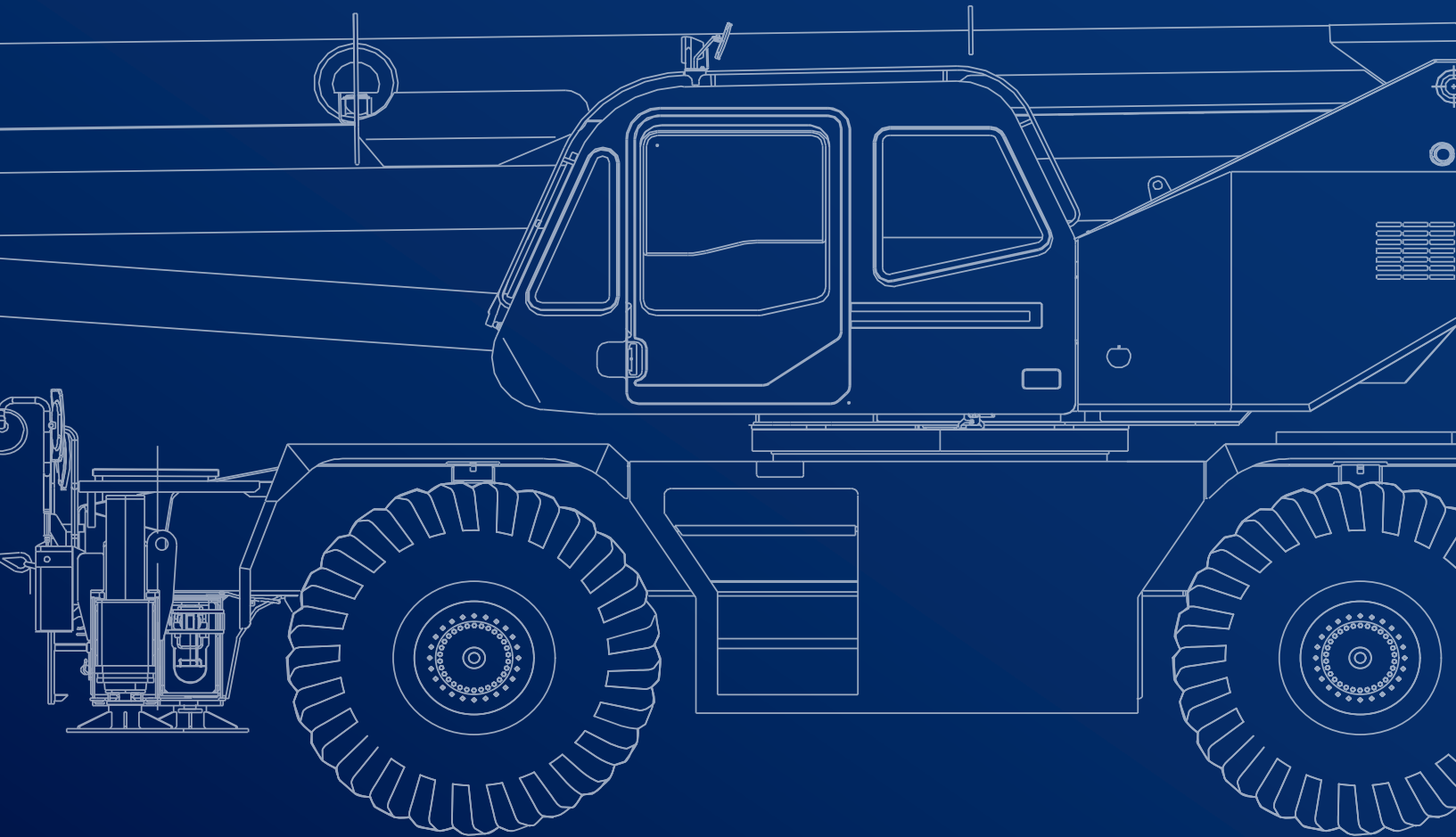


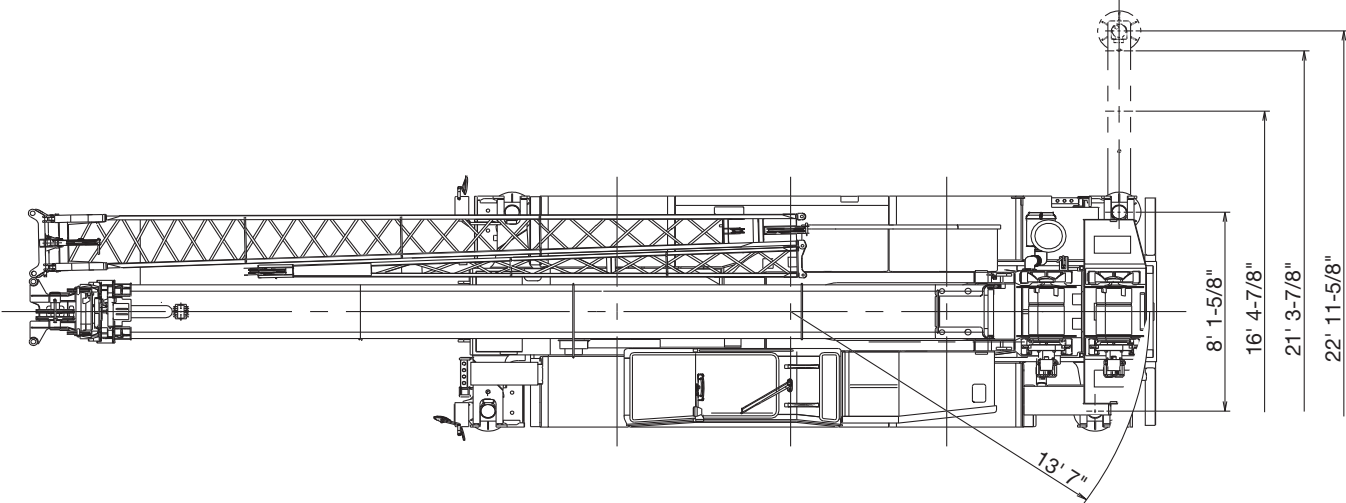
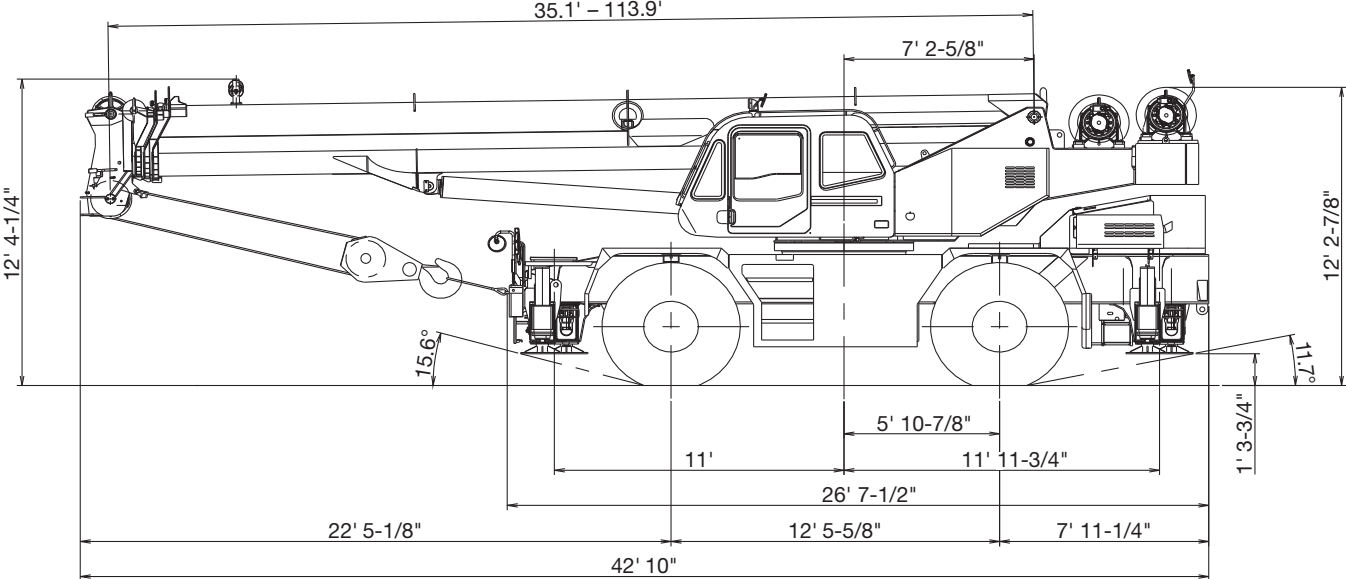
GR-550XL

55 US TON MAX. CRANE CAPACITY



Specifications

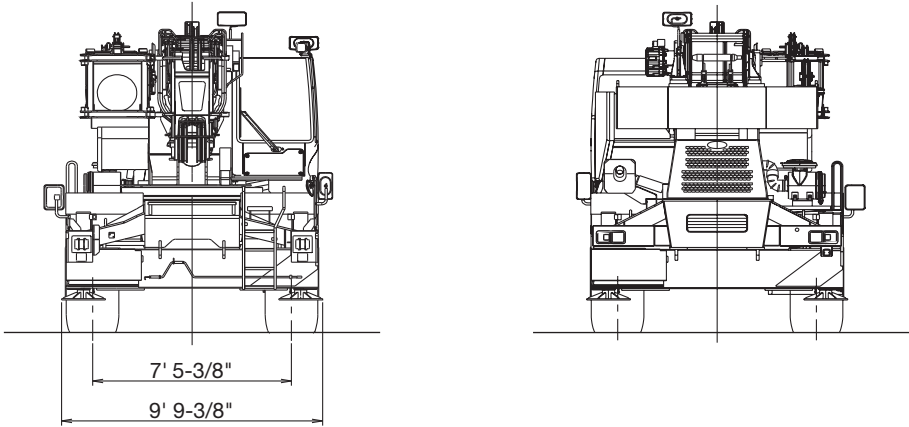
Vehicle dimensions



Dimension is with boom angle at -0.8 degree.

Specifications

Vehicle dimensions



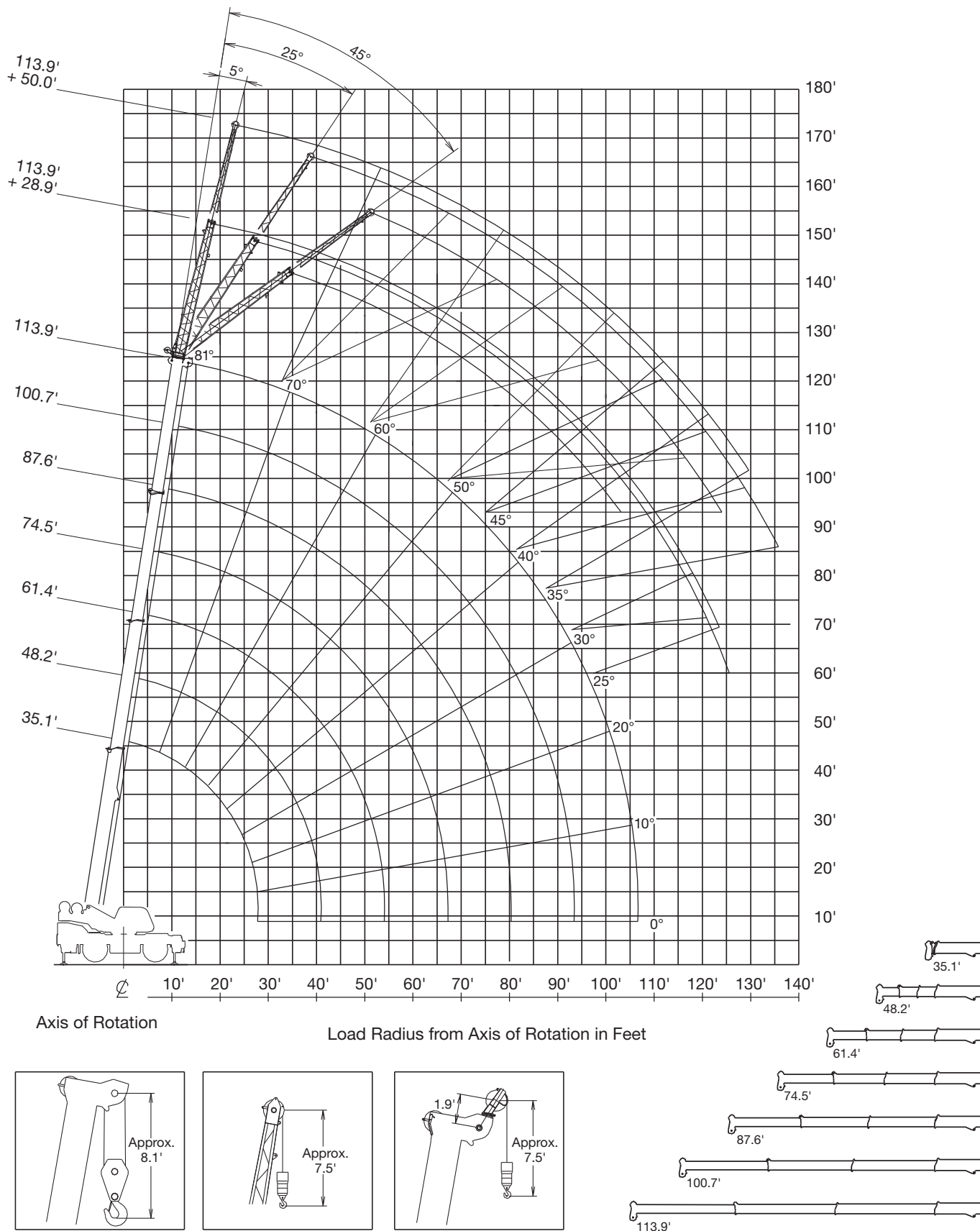
General dimensions

| | |
|--------------------------------|--------------------|
| Overall length | approx. 42' 10" |
| Overall width | approx. 9' 9-3/8" |
| Overall height | approx. 12' 4-1/4" |
| Turning radius: 4 wheel steer* | 22' |
| Turning radius: 2 wheel steer* | 38' 5" |
| Tail swing of counterweight* | 13' 7" |

* 23.5-25 tires

Operation

MB



NOTE: Boom and jib geometry shown are for unloaded condition and machine standing level on firm supporting surface. Boom deflection and subsequent radius and boom angle change must be accounted for when applying load to hook.

Operation

Fully extended – 360°

| | | 22' 11-5/8" spread | | | | | | 360° | | | | | | | |
|-----|-----------|---------------------------|-----------|---------------------------|----------|---------------------------|----------|---------------------------|----------|---------------------------|----------|-----------------------------|----------|-----------------------------|-----|
| | | 35.1' ¹⁾ 35.1' | | 48.2' ¹⁾ 48.2' | | 61.4' ¹⁾ 61.4' | | 74.5' ¹⁾ 74.5' | | 87.6' ¹⁾ 87.6' | | 100.7' ¹⁾ 100.7' | | 113.9' ¹⁾ 113.9' | |
| ft | | | | | | 1,000 lb | | | | | | | | ft | |
| 8 | 70° | 110,000 | - | - | - | - | - | - | - | - | - | - | - | - | 8 |
| 10 | 66° | 100,600 | 73° | 46,700 | 77° | 46,700 | 80° | 44,300 | - | - | - | - | - | - | 10 |
| 12 | 63° | 87,900 | 70° | 46,700 | 75° | 46,700 | 78° | 44,300 | 81° | 41,200 | - | - | - | - | 12 |
| 15 | 56° | 73,400 | 67° | 46,700 | 72° | 46,700 | 76° | 44,300 | 79° | 40,300 | - | - | - | - | 15 |
| 20 | 44° | 54,400 | 60° | 46,700 | 67° | 46,700 | 72° | 42,100 | 76° | 35,800 | 78° | 30,500 | 80° | 25,100 | 20 |
| 25 | 27° | 38,500 | 52° | 43,000 | 62° | 43,000 | 68° | 39,500 | 72° | 31,700 | 75° | 27,300 | 78° | 23,900 | 25 |
| 30 | - | - | 44° | 33,800 | 56° | 35,000 | 64° | 35,500 | 69° | 28,700 | 72° | 25,000 | 75° | 21,600 | 30 |
| 35 | - | - | 33° | 25,600 | 50° | 26,600 | 59° | 27,000 | 65° | 25,300 | 69° | 23,000 | 72° | 19,900 | 35 |
| 40 | - | - | 16° | 20,400 | 44° | 21,100 | 54° | 21,500 | 61° | 21,200 | 66° | 20,500 | 70° | 19,000 | 40 |
| 45 | - | - | - | - | 36° | 17,100 | 49° | 17,300 | 57° | 17,500 | 63° | 17,400 | 67° | 17,100 | 45 |
| 50 | - | - | - | - | 25° | 14,100 | 43° | 14,300 | 53° | 14,500 | 59° | 14,400 | 64° | 14,500 | 50 |
| 55 | - | - | - | - | - | - | 37° | 12,000 | 48° | 12,200 | 56° | 12,100 | 61° | 12,200 | 55 |
| 60 | - | - | - | - | - | - | 29° | 10,200 | 43° | 10,300 | 52° | 10,300 | 58° | 10,350 | 60 |
| 65 | - | - | - | - | - | - | 18° | 8,700 | 38° | 8,750 | 48° | 8,850 | 54° | 8,850 | 65 |
| 70 | - | - | - | - | - | - | - | - | 32° | 7,550 | 44° | 7,600 | 51° | 7,650 | 70 |
| 75 | - | - | - | - | - | - | - | - | 24° | 6,550 | 39° | 6,600 | 47° | 6,650 | 75 |
| 80 | - | - | - | - | - | - | - | - | 9° | 5,700 | 34° | 5,700 | 44° | 5,750 | 80 |
| 85 | - | - | - | - | - | - | - | - | - | - | 27° | 4,950 | 39° | 5,000 | 85 |
| 90 | - | - | - | - | - | - | - | - | - | - | 19° | 4,350 | 35° | 4,350 | 90 |
| 95 | - | - | - | - | - | - | - | - | - | - | - | - | 30° | 3,750 | 95 |
| 100 | - | - | - | - | - | - | - | - | - | - | - | - | 23° | 3,250 | 100 |
| 105 | - | - | - | - | - | - | - | - | - | - | - | - | 13° | 2,350 | 105 |
| | 0° | | 0° | | 0° | | 0° | | 0° | | 0° | | 0° | | |
| | 35.1' | | 48.2' | | 61.4' | | 74.5' | | 87.6' | | 100.7' | | 113.9' | | |
| | 27.8' | | 41' | | 54.1' | | 67.3' | | 80.2' | | 92.7' | | 105.4' | | |
| | 16,500 lb | | 10,600 lb | | 7,000 lb | | 4,800 lb | | 3,300 lb | | 2,200 lb | | 1,400 lb | | |

1) Loaded boom angle (°)

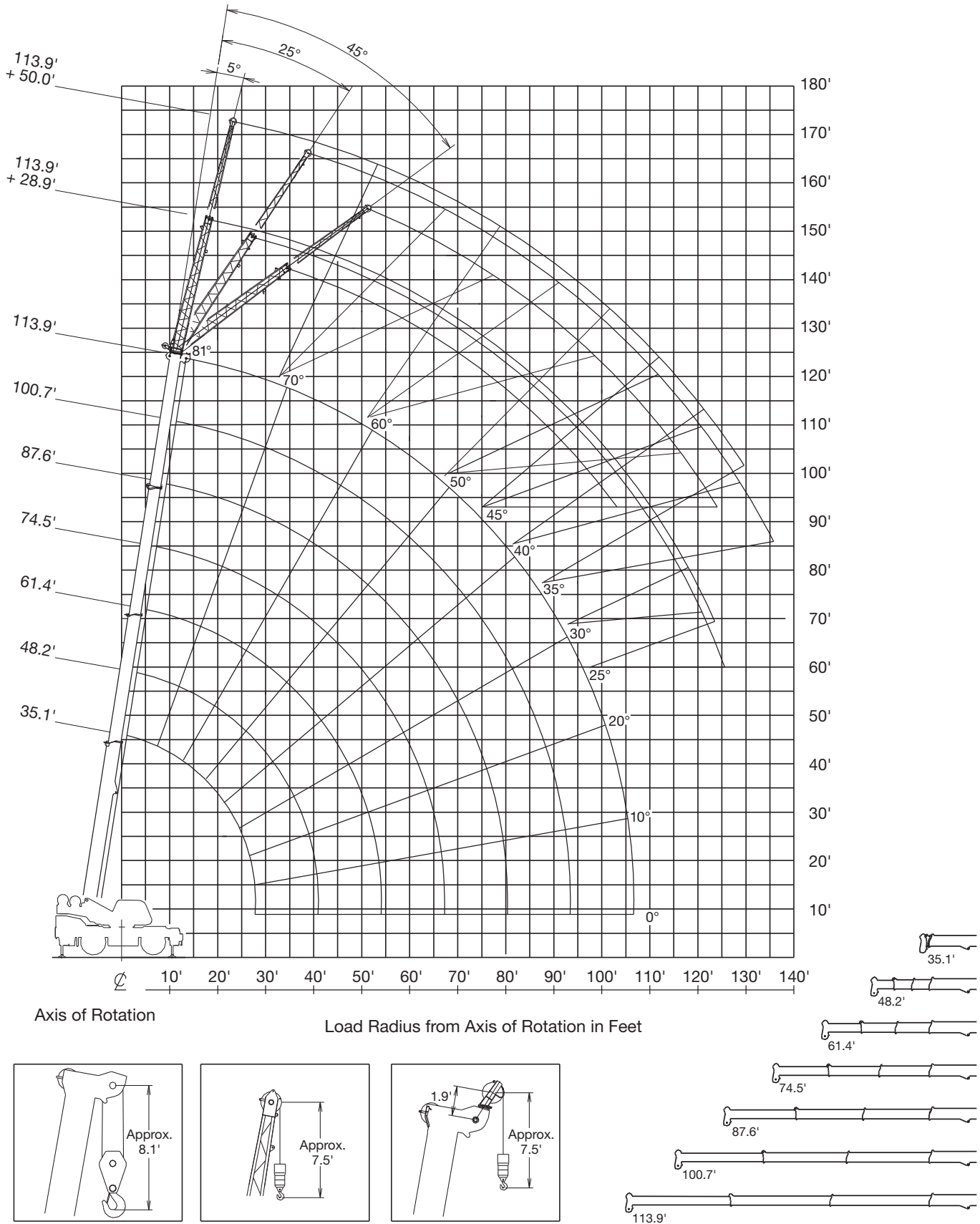
2) Minimum boom angle (°) for indicated length (no load)

NOTE:

The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-C) is based on the standard number of parts of line listed in the chart. Standard number of parts of line for each boom length should be according to the following table.

| | 35.1' | 35.1' to 61.4' | 61.4' to 113.9' | Single top jib |
|--|-------|----------------|-----------------|----------------|
| | 10 | 6 | 4 | 1 |

Operation



NOTE: Boom and jib geometry shown are for unloaded condition and machine standing level on firm supporting surface. Boom deflection and subsequent radius and boom angle change must be accounted for when applying load to hook.

Operation

Fully extended – 360°

| 22' 11-5/8" spread | | | | | | | 360° | | | | | | |
|--------------------|--------|--------|--------|-------|--------|-------|----------------|--------|-------|--------|-------|--------|-------|
| 113.9' + 28.9' | | | | | | | 113.9' + 50.0' | | | | | | |
| 5° | | 25° | | 45° | | | 5° | | 25° | | 45° | | |
| 1) | 2) | 3) | 2) | 3) | 2) | 3) | 1) | 2) | 3) | 2) | 3) | 2) | 3) |
| 80° | 25.6' | 12,300 | 34.8' | 8,400 | 41.5' | 6,050 | 80° | 32.6' | 6,350 | 47.6' | 4,050 | 59.0' | 2,750 |
| 77.5° | 32.9' | 12,000 | 41.3' | 8,000 | 47.3' | 5,900 | 77.5° | 40.8' | 6,200 | 54.9' | 3,900 | 65.3' | 2,700 |
| 75° | 39.8' | 11,500 | 47.5' | 7,650 | 53.1' | 5,700 | 75° | 48.6' | 6,050 | 61.9' | 3,700 | 71.6' | 2,600 |
| 72.5° | 46.3' | 10,600 | 53.6' | 7,350 | 58.7' | 5,550 | 72.5° | 56.0' | 5,600 | 68.5' | 3,550 | 77.5' | 2,550 |
| 70° | 52.3' | 9,750 | 59.5' | 7,100 | 64.0' | 5,400 | 70° | 63.0' | 5,200 | 75.0' | 3,350 | 83.2' | 2,500 |
| 67.5° | 58.3' | 9,100 | 65.1' | 6,850 | 69.2' | 5,300 | 67.5° | 69.6' | 4,900 | 81.2' | 3,200 | 88.7' | 2,450 |
| 65° | 64.0' | 8,500 | 70.5' | 6,600 | 74.0' | 5,200 | 65° | 76.1' | 4,600 | 87.0' | 3,100 | 93.9' | 2,400 |
| 62.5° | 69.4' | 7,900 | 75.6' | 6,400 | 78.9' | 5,100 | 62.5° | 82.2' | 4,350 | 92.6' | 3,000 | 98.9' | 2,350 |
| 60° | 74.8' | 7,400 | 80.5' | 6,200 | 83.7' | 5,050 | 60° | 88.4' | 4,150 | 98.1' | 2,900 | 103.8' | 2,350 |
| 57.5° | 79.5' | 6,500 | 85.5' | 5,700 | 88.2' | 5,000 | 57.5° | 94.4' | 3,950 | 103.6' | 2,800 | 108.4' | 2,300 |
| 55° | 84.0' | 5,650 | 90.0' | 5,200 | 92.5' | 4,950 | 55° | 100.0' | 3,800 | 108.7' | 2,700 | 112.6' | 2,300 |
| 52.5° | 88.8' | 5,000 | 94.1' | 4,600 | 96.2' | 4,450 | 52.5° | 105.4' | 3,500 | 113.3' | 2,650 | 116.7' | 2,250 |
| 50° | 93.1' | 4,400 | 98.2' | 4,100 | 99.7' | 3,950 | 50° | 110.2' | 3,150 | 117.9' | 2,600 | 120.3' | 2,250 |
| 47.5° | 97.4' | 3,950 | 102.1' | 3,700 | 103.3' | 3,550 | 47.5° | 114.8' | 2,750 | 121.9' | 2,400 | 124.0' | 2,200 |
| 45° | 101.4' | 3,500 | 105.6' | 3,300 | 106.6' | 3,150 | 45° | 119.3' | 2,400 | 125.7' | 2,150 | 127.1' | 2,100 |
| 42.5° | 105.3' | 3,150 | 109.1' | 2,950 | - | - | 42.5° | 123.3' | 2,100 | 129.3' | 1,900 | - | - |
| 40° | 109.0' | 2,800 | 112.3' | 2,650 | - | - | 40° | 127.0' | 1,850 | 132.7' | 1,700 | - | - |
| 37.5° | 112.6' | 2,500 | 115.5' | 2,400 | - | - | 37.5° | 131.1' | 1,600 | 135.7' | 1,500 | - | - |
| 35° | 115.8' | 2,250 | 118.2' | 2,200 | - | - | 35° | 134.4' | 1,400 | 138.5' | 1,300 | - | - |
| 32.5° | 118.7' | 2,050 | 120.9' | 2,000 | - | - | 32.5° | - | - | - | - | - | - |
| 30° | 121.6' | 1,850 | 123.3' | 1,800 | - | - | 30° | - | - | - | - | - | - |
| 27.5° | 124.1' | 1,700 | 125.3' | 1,650 | - | - | 27.5° | - | - | - | - | - | - |
| 25° | 126.3' | 1,600 | 127.1' | 1,550 | - | - | 25° | - | - | - | - | - | - |

- 1) Loaded boom angle (°)
- 2) Load radius in feet
- 3) Rated lifting capacity in pounds