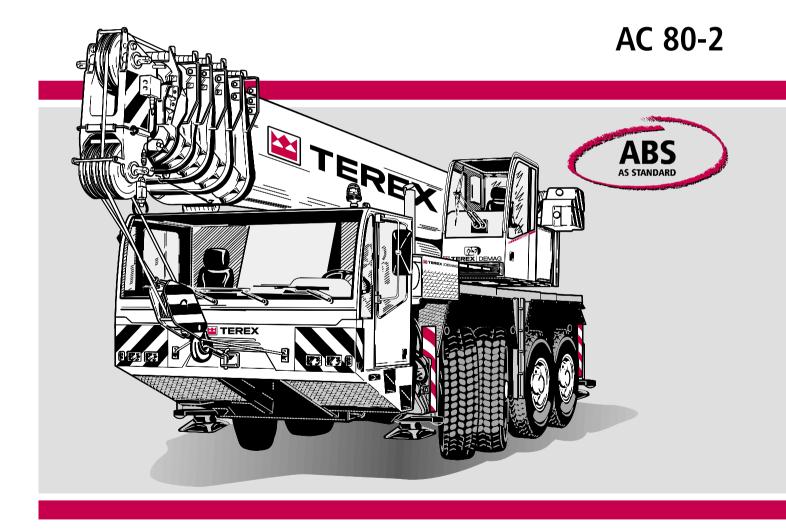
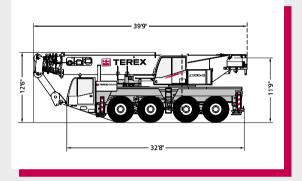
TEREX DEMAG

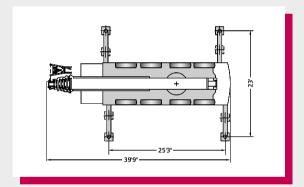




- Shortest 4-axle machine in its category
- Advanced high-torque DaimlerChrysler engine combined with comfortable 6-speed Allison automatic transmission ensures outstanding driving performance
- Fully hydraulic boom system for exceptionally short telescoping times and high load telescoping capacity
- Fully roadable with 17,600 lb counterweight and 30.2 ft boom extension within the statutory 26,460 lb axle load limit
- New tiltable upper cab
- New high-spec carrier cab
- ABS, heated seats and electric window winders included as standard





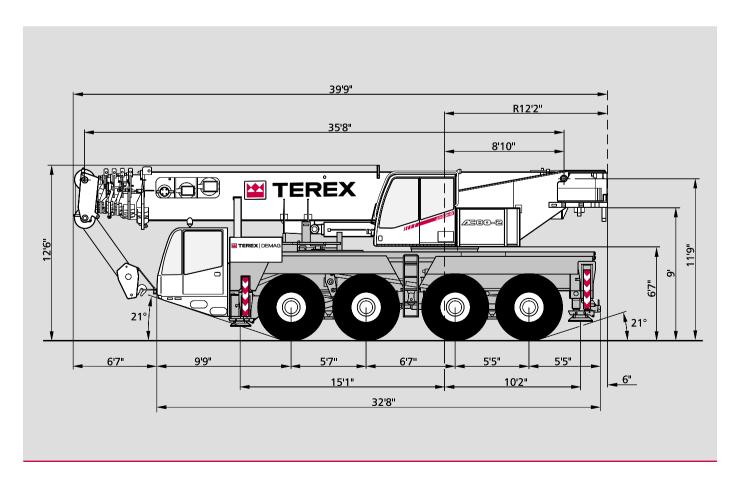


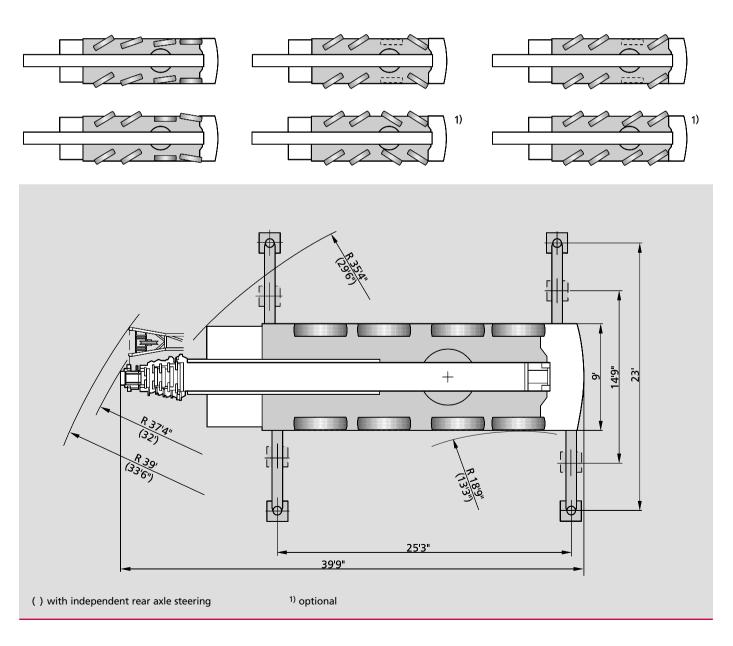
www. terex-cranes.com

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| Main boom extensionLifting capacities10Working ranges12 |
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| |
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Dimensions





Specifications

Axle loads

Crane with main boom, hook block 3-sheaves, 17,600 lb counterweight, tires 14.00 R 25

Total

4 x 26,460 lb 105,840 lb

Working speeds (infinitely variable)

| Mechanisms | Normal speed | High speed | Max. permissible line pull 1) | Length of hoist rope |
|-------------------|--------------|--------------|-------------------------------|----------------------|
| Hoist I | 174 ft / min | 361 ft / min | 12,100 lb | 689 ft |
| Hoist II | 174 ft / min | 361 ft / min | 12,100 lb | 689 ft |
| Slewing | | | | 0 – 1.3 rpm |
| Telescoping speed | | | | 35.8 – 164 ft: 110 s |
| Boom elevation | | | | –1.8° – +81.5°: 63 s |

Carrier performance

Travel speed Forward Reverse

Gradeability in travel order Ground clearance

0 to 50 mph 0 to 7.5 mph max. 50% 13 inches

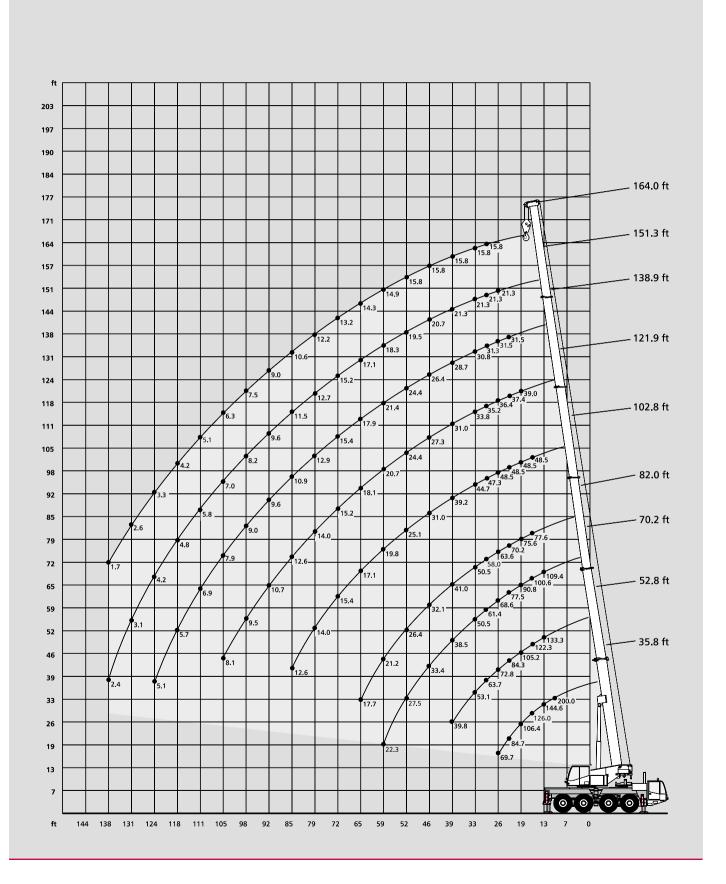
Hook block / Single line hook

| Туре | Possible load 1) | Number of sheaves | Weight | "D" | Number of lines | Heavy-lift attachment |
|------|------------------|-------------------|---------|--------|-----------------|-----------------------|
| 100 | 176,000 lb | 7 | 1650 lb | 6.6 ft | 14 | 2 add. sheaves |
| 80 | 145,000 lb | 5 | 1430 lb | 6.6 ft | 11 | 2 add. sheaves |
| 50 | 92,000 lb | 3 | 1210 lb | 5.9 ft | 7 | |
| 20 | 39,600 lb | 1 | 770 lb | 5.9 ft | 3 | |
| 6.3 | 13,200 lb | Single line hook | 374 lb | 5.6 ft | 1 | |

Remarks

¹⁾ varies depending on national regulations

Working ranges main boom



Lifting capacities main boom

| adius ft 10 10 11 13 | ft | 35.8 | | | Len | gth of mai | n boom | | | | | 4 | |
|-------------------------------------|----|----------------|----------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| ft 10 10 11 13 | ft | 35.8 | | | | | | | | | | | |
| ft 10 10 11 13 | | | 52.8 | 70.2 | 82.0 | 102.8 | 121.9 | 138.9 | 151.3 | 164.0 | 35.8 | 52.8 | - Radiι |
| 10 11 13 | | | | | | 1,000 II | b | | | | | 00 lb | |
| 11 13 | | 200.0* | - | - | - | - | - | - | - | - | - | - | |
| 13 | | 168.4 | 122.2 | - | - | - | - | - | - | - | - | - | |
| | | 160.1 144.6 | 133.3 133.3 | 109.4 | - | - | - | - | - | - | 27.3 | - 26.6 | |
| | | 131.7 | 127.1 | 103.4 | - 77.6 | - | _ | _ | - | - | 23.9 | 23.2 | |
| 16 | | 126.0 | 122.3 | 100.6 | 77.6 | 48.5 | _ | _ | _ | _ | 22.4 | 21.7 | |
| 19 | | 106.4 | 105.2 | 90.8 | 75.6 | 48.5 | 39.0 | - | - | - | 18.6 | 18.0 | |
| 23 | | 84.7 | 84.3 | 77.5 | 70.2 | 48.5 | 37.4 | 31.5 | - | - | 14.5 | 14.0 | |
| 26 | | 69.7 | 72.8 | 68.6 | 63.6 | 48.5 | 36.4 | 31.5 | 21.3 | - | 12.3 | 11.6 | |
| 29 | | - | 63.7 | 61.4 | 58.0 | 47.3 | 35.2 | 31.3 | 21.3 | 15.8 | - | 9.6 | |
| 33 | | - | 53.1 | 50.5 | 50.5 | 44.7 | 33.8 | 30.8 | 21.3 | 15.8 | - | 7.4 | |
| 39 | | - | 39.8 | 38.5 | 41.0 | 39.2 | 31.0 | 28.7 | 21.3 | 15.8 | - | 4.7 | |
| 46 | | - | - | 33.4 | 32.1 | 31.0 | 27.3 | 26.4 | 20.7 19.5 | 15.8 | - | - | |
| 52 59 | | _ | - | 27.5 22.3 | 26.4 21.2 | 25.1 19.8 | 24.4 20.7 | 24.4 21.4 | 18.3 | 15.8 14.9 | _ | - | |
| 65 | | _ | | - | 17.7 | 17.1 | 18.1 | 17.9 | 17.1 | 14.3 | _ | _ | |
| 72 | | _ | _ | _ | - | 15.4 | 15.2 | 15.4 | 15.2 | 13.2 | _ | _ | |
| 79 | | - | - | - | - | 14.0 | 14.0 | 12.9 | 12.7 | 12.2 | - | - | |
| 85 | | - | - | - | - | 12.6 | 12.6 | 10.9 | 11.5 | 10.6 | - | - | ; |
| 92 | | - | - | - | - | - | 10.7 | 9.6 | 9.6 | 9.0 | - | - | ! |
| 98 | | - | - | - | - | - | 9.5 | 9.0 | 8.2 | 7.5 | - | - | 9 |
| 05 | | - | - | - | - | - | 8.1 | 7.9 | 7.0 | 6.3 | - | - | 10 |
| 11 | | - | - | - | - | - | - | 6.9 | 5.8 | 5.1 | - | - | 1 |
| 18 | | - | - | - | - | - | - | 5.7 | 4.8 | 4.2 | - | - | 1 |
| 24 31 | | - | - | - | - | - | - | 5.1 | 4.2 3.1 | 3.3 2.6 | - | - | 1. 1. |
| 38 | | _ | - | - | - | _ | - | - | 2.4 | 1.7 | _ | - | 1. |
| 7,600 lb | | | | | Len | gth of mai | n boom | | | | - | 4 | 85 |
| adius | ft | 35.8 | 52.8 | 70.2 | 82.0 | 102.8 | 121.9 | 138.9 | 151.3 | 164.0 | 35.8 | 52.8 | - Radii |
| ft | | | | | | 1,000 II | | | | | | 00 lb | |
| 10 | | 200.0* | - | - | - | - | - | - | - | - | - | - | |
| 10 | | 168.3 | | - | - | - | - | - | - | - | - | - | |
| 11 | | 159.6 | 133.3 | - | - | - | - | - | - | - | - | - | |
| 13 15 | | 144.0 126.1 | 133.3 125.4 | 109.4 103.5 | - 77.6 | - | - | - | - | - | 26.0 22.6 | 25.3 22.1 | |
| 16 | | 117.0 | 116.1 | 103.5 | 77.6 | - 48.5 | _ | | | - | 22.6 | 20.6 | |
| 19 | | 95.8 | 94.9 | 87.7 | 77.6 75.6 | 48.5 | 39.0 | _ | _ | - | 17.5 | 17.0 | |
| 23 | | 75.6 | 74.9 | 66.2 | 62.2 | 48.5 | 37.4 | 31.5 | - | - | 13.6 | 13.2 | : |
| 26 | | 59.9 | 58.8 | 54.9 | 51.7 | 48.5 | 36.4 | 31.5 | 21.3 | - | 11.4 | 10.7 | |
| 29 | | - | 47.7 | 44.9 | 46.0 | 44.2 | 35.2 | 31.3 | 21.3 | 15.8 | - | 8.9 | |
| 33 | | - | 37.1 | 41.5 | 40.4 | 37.2 | 33.7 | 30.7 | 21.3 | 15.8 | - | 6.7 | |
| 39 | | - | 27.2 | 31.4 | 29.9 | 28.5 | 28.1 | 27.1 | 21.3 | 15.8 | - | 4.3 | |
| 46 | | - | - | 23.3 | 21.7 | 22.4 | 22.4 | 21.7 | 20.6 | 15.8 | - | - | |
| 52 59 | | - | - | 18.6 14.5 | 17.3 13.0 | 19.8 15.9 | 19.7 15.9 | 18.1 14.3 | 17.4 14.7 | 15.8 13.6 | - | - | |
| 65 | | _ | - | - 14.5 | 10.4 | 13.3 | 13.9 | 12.4 | 11.9 | 11.0 | | - | |
| 72 | | _ | _ | _ | - | 10.6 | 10.6 | 10.4 | 9.5 | 8.8 | _ | _ | |
| 79 | | - | - | - | - | 8.7 | 8.7 | 8.3 | 7.4 | 6.7 | - | - | |
| 85 | | - | - | - | - | 7.3 | 7.1 | 7.1 | 5.8 | 5.1 | - | - | |
| 92 | | - | - | - | - | - | 5.7 | 5.4 | 4.6 | 3.9 | - | - | ! |
| 98 | | - | - | - | - | - | 4.7 | 4.6 | 3.3 | 2.9 | - | - | |
| 05 | | - | - | - | - | - | 3.9 | 3.5 | 2.6 | 1.9 | - | - | 10 |
| 11 | | - | - | - | - | - | - | 2.9 | 1.8 | - | - | - | 1 |
| 18 24 | | | - | - - | - | | - | 2.2 1.6 | - | - | _ | | 1 1 |
| Remarks | | | | | | | | | | | | | |
| * over rear | | | | | | | | | | | | | |

| 11,000 lb | | | | ľ | 1 | 25′3" x | 23' | 360° | | | 0 | * | 85 % |
|-----------|----|-------|-------|-------|------|-----------|---------|-------|-------|-------|------|--------|--------|
| | | | | | Leng | gth of ma | in boom | | | | | 4 | _ |
| Radius | ft | 35.8 | 52.8 | 70.2 | 82.0 | 102.8 | 121.9 | 138.9 | 151.3 | 164.0 | 35.8 | 52.8 | Radius |
| ft | | | | | | 1,000 l | b | | | | 1, | 000 lb | ft |
| 10 | | 168.3 | - | - | - | - | - | - | - | - | - | - | 10 |
| 11 | | 159.6 | 133.3 | - | - | - | - | - | - | - | - | - | 11 |
| 13 | | 143.4 | 133.3 | 109.4 | - | - | - | - | - | - | 25.5 | 24.8 | 13 |
| 15 | | 121.8 | 121.1 | 103.5 | 77.6 | - | - | - | - | - | 22.3 | 21.7 | 15 |
| 16 | | 112.9 | 112.2 | 100.6 | 77.6 | 48.5 | - | - | - | - | 20.8 | 20.3 | 16 |
| 19 | | 92.4 | 91.7 | 80.0 | 71.3 | 48.5 | 39.0 | - | - | - | 17.3 | 16.7 | 19 |
| 23 | | 67.7 | 66.8 | 58.5 | 54.7 | 48.4 | 37.4 | 31.5 | - | - | 13.4 | 12.7 | 23 |
| 26 | | 53.0 | 52.1 | 48.0 | 46.0 | 45.6 | 36.4 | 31.5 | 21.3 | - | 11.2 | 10.5 | 26 |
| 29 | | - | 42.2 | 44.0 | 43.8 | 39.3 | 35.0 | 31.3 | 21.3 | 15.8 | - | 8.6 | 29 |
| 33 | | - | 32.5 | 37.1 | 35.8 | 31.9 | 31.1 | 30.2 | 21.3 | 15.8 | - | 6.5 | 33 |
| 39 | | - | 23.0 | 27.2 | 25.7 | 25.7 | 25.0 | 24.0 | 21.3 | 15.8 | - | 3.7 | 39 |
| 46 | | - | - | 19.7 | 18.6 | 21.5 | 21.5 | 18.9 | 17.8 | 15.8 | - | - | 46 |
| 52 | | - | - | 15.7 | 14.4 | 17.3 | 17.1 | 15.2 | 15.1 | 14.0 | - | - | 52 |
| 59 | | - | - | 12.1 | 10.6 | 13.6 | 13.2 | 13.2 | 12.1 | 11.2 | - | - | 59 |
| 65 | | - | - | - | 8.1 | 11.0 | 10.8 | 10.8 | 9.7 | 9.0 | - | - | 65 |
| 72 | | - | - | - | - | 8.8 | 8.4 | 8.4 | 7.3 | 6.6 | - | - | 72 |
| 79 | | - | - | - | - | 6.9 | 6.7 | 6.7 | 5.4 | 4.7 | - | - | 79 |
| 85 | | - | - | - | - | 5.5 | 5.5 | 5.3 | 4.4 | 3.5 | - | - | 85 |
| 92 | | - | - | - | - | - | 4.3 | 4.1 | 3.0 | 2.4 | - | - | 92 |
| 98 | | - | - | - | - | - | 3.3 | 3.1 | 2.2 | 1.6 | - | - | 98 |
| 105 | | - | - | - | - | - | 2.4 | 2.4 | - | - | _ | - | 105 |
| 111 | | - | - | - | - | - | - | 1.8 | - | - | - | - | 111 |
| 118 | | - | - | - | - | - | - | - | - | - | - | - | 118 |

Lifting capacities main boom extension

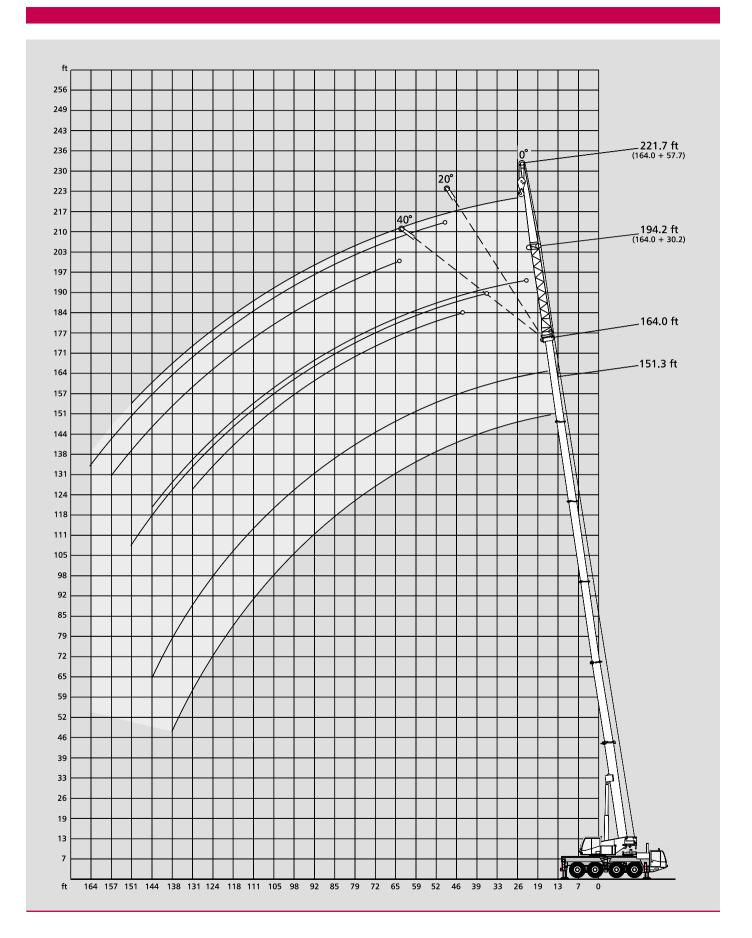
| 39,700 | lb 🚞 | | | | | | 25′3″ x 2 | 3′ 3 | 60° | | | | 85 % |
|----------|---------|---------|-----|----------|---------|-----|-----------|---------|---------|-----|--------|---------|------|
| 151.3 ft | Main bo | om | | | | | 164.0 ft | Main bo | oom | | | | |
| | | 30.2 ft | E | xtension | 57.7 ft | | | | 30.2 ft | Ext | ension | 57.7 ft | |
| Radius | 0° | 20° | 40° | | 20° | 40° | Radius | 0° | 20° | 40° | | 20° | 40° |
| ft | - | | | 1,000 lb | | | ft | | | 1,0 | 000 lb | | |
| 33 | 9.4 | - | - | - | - | - | 39 | 7.2 | - | - | - | - | - |
| 39 | 9.4 | - | - | 4.1 | - | - | 46 | 7.2 | 7.2 | - | 2.8 | - | - |
| 46 | 9.4 | 8.1 | - | 4.1 | - | - | 52 | 7.2 | 7.2 | 6.6 | 2.8 | - | - |
| 52 | 9.4 | 8.1 | 7.2 | 4.1 | - | - | 59 | 7.2 | 7.0 | 6.6 | 2.8 | - | - |
| 59 | 9.4 | 7.9 | 7.2 | 4.1 | 3.3 | - | 65 | 7.0 | 6.8 | 6.4 | 2.8 | 2.6 | - |
| 65 | 9.0 | 7.7 | 7.0 | 3.9 | 3.3 | - | 72 | 6.8 | 6.6 | 6.1 | 2.6 | 2.6 | - |
| 72 | 8.3 | 7.5 | 6.8 | 3.5 | 3.3 | - | 79 | 6.3 | 6.1 | 5.5 | 2.6 | 2.6 | 2.4 |
| 79 | 7.9 | 7.0 | 6.6 | 3.5 | 3.3 | 2.8 | 85 | 6.1 | 5.7 | 5.3 | 2.4 | 2.6 | 2.4 |
| 85 | 7.5 | 6.8 | 6.4 | 3.3 | 3.3 | 2.6 | 92 | 5.5 | 5.2 | 5.0 | 2.4 | 2.4 | 2.4 |
| 92 | 7.2 | 6.3 | 6.1 | 3.3 | 3.3 | 2.6 | 98 | 5.3 | 5.0 | 4.8 | 2.4 | 2.4 | 2.4 |
| 98 | 6.8 | 6.1 | 5.7 | 3.1 | 3.1 | 2.6 | 105 | 5.0 | 4.8 | 4.6 | 2.4 | 2.4 | 2.4 |
| 105 | 6.6 | 5.7 | 5.5 | 3.0 | 2.8 | 2.6 | 111 | 4.8 | 4.6 | 4.6 | 2.2 | 2.4 | 2.4 |
| 111 | 5.8 | 5.5 | 5.3 | 2.8 | 2.6 | 2.6 | 118 | 4.6 | 4.4 | 4.4 | 2.2 | 2.2 | 2.2 |
| 118 | 4.8 | 5.2 | 5.0 | 2.8 | 2.6 | 2.6 | 124 | 3.6 | 4.4 | 4.4 | 2.2 | 2.2 | 2.2 |
| 124 | 4.0 | 4.5 | 4.6 | 2.6 | 2.6 | 2.4 | 131 | 2.8 | 3.3 | 3.9 | 1.9 | 2.2 | 2.2 |
| 131 | 3.1 | 3.5 | 3.9 | 2.6 | 2.6 | 2.4 | 138 | 2.1 | 2.6 | - | 1.9 | 2.1 | 2.2 |
| 138 | 2.4 | 2.8 | - | 2.6 | 2.6 | 2.4 | 144 | 1.7 | 2.2 | - | 1.7 | 1.9 | 2.2 |
| 144 | 2.0 | 2.2 | - | 2.4 | 2.6 | 2.4 | 151 | - | 1.5 | - | 1.7 | 1.9 | 1.9 |
| 151 | - | 1.5 | - | 1.9 | 2.6 | 2.4 | 157 | - | - | - | - | 1.9 | 1.9 |
| 157 | - | - | - | 1.5 | 2.0 | 2.4 | 164 | - | - | - | - | 1.5 | - |
| 164 | - | - | - | - | 1.5 | - | 170 | - | - | - | | - | - |

| 17,600 | lb 🚞 | | | | | | 25′3″ x 2 | 3′ 36 | 0 ° | | | | 85 % |
|----------|----------|---------|------|--------|---------|-----|-----------|---------|------------|------|--------|---------|------|
| 151.3 ft | Main boo | om | | | | | 164.0 ft | Main bo | om | | | | |
| | | 30.2 ft | Exte | ension | 57.7 ft | | | | 30.2 ft | Exte | ension | 57.7 ft | |
| Radius | 0° | 20° | 40° | o° | 20° | 40° | Radius | o° | 20° | 40° | o° | 20° | 40° |
| ft | | | 1,0 | 00 lb | | | ft | | | 1,0 | 00 lb | | |
| 33 | 9.4 | - | - | - | - | - | 39 | 7.2 | - | - | - | - | - |
| 39 | 9.4 | - | - | 4.1 | - | - | 46 | 7.2 | 7.2 | - | 2.8 | - | - |
| 46 | 9.4 | 8.1 | - | 4.1 | - | - | 52 | 7.2 | 7.2 | 6.6 | 2.8 | - | - |
| 52 | 9.4 | 8.1 | 7.2 | 4.1 | - | - | 59 | 7.2 | 7.0 | 6.6 | 2.8 | - | - |
| 59 | 9.4 | 7.9 | 7.2 | 4.1 | 3.3 | - | 65 | 7.0 | 6.8 | 6.4 | 2.8 | 2.6 | - |
| 65 | 9.0 | 7.7 | 7.0 | 3.9 | 3.3 | - | 72 | 6.8 | 6.6 | 6.1 | 2.6 | 2.6 | - |
| 72 | 8.3 | 7.5 | 6.8 | 3.5 | 3.3 | - | 79 | 6.3 | 6.1 | 5.5 | 2.6 | 2.6 | 2.4 |
| 79 | 7.4 | 7.0 | 6.6 | 3.5 | 3.3 | 2.8 | 85 | 5.7 | 5.7 | 5.3 | 2.4 | 2.6 | 2.4 |
| 85 | 5.8 | 6.8 | 6.4 | 3.3 | 3.3 | 2.6 | 92 | 4.3 | 5.2 | 5.0 | 2.4 | 2.4 | 2.4 |
| 92 | 4.6 | 5.4 | 6.1 | 3.3 | 3.3 | 2.6 | 98 | 3.3 | 4.2 | 4.8 | 2.4 | 2.4 | 2.4 |
| 98 | 3.3 | 4.4 | 4.9 | 3.1 | 3.1 | 2.6 | 105 | 2.4 | 3.0 | 3.5 | 2.4 | 2.4 | 2.4 |
| 105 | 2.4 | 3.0 | 3.5 | 3.0 | 2.8 | 2.6 | 111 | 1.6 | 2.2 | 2.7 | 2.2 | 2.4 | 2.4 |
| 111 | 1.8 | 2.4 | 2.7 | 2.4 | 2.6 | 2.6 | 118 | - | 1.5 | 1.9 | 1.5 | 2.2 | 2.2 |
| 118 | - | 1.5 | 1.9 | 1.7 | 2.6 | 2.6 | 124 | - | - | - | - | 2.0 | 2.2 |
| 124 | - | - | - | - | 2.0 | 2.4 | 131 | - | - | - | - | - | 1.9 |
| 131 | - | - | - | - | 1.5 | 2.2 | 138 | - | - | - | - | - | - |
| 138 | - | - | - | - | - | 1.5 | 144 | - | - | - | - | - | - |

11,000 lb = 25'3" x 23' 360° 85 %

| 151.3 ft | Main bo | om | | | | | 164.0 ft | Main boo | om | | | | |
|----------|---------|---------|-----|---------|---------|-----|----------|----------|---------|---------|-----|---------|-----|
| | | 30.2 ft | Ex | tension | 57.7 ft | | | | 30.2 ft | Extensi | | 57.7 ft | |
| | | | | | | | | | | | | | |
| Radius | 0° | 20° | 40° | 0° | 20° | 40° | Radius | 0° | 20° | 40° | 0° | 20° | 40° |
| ft | | | 1, | 000 lb | | | ft | | | 1,000 | lb | | |
| 33 | 9.4 | - | - | - | - | - | 39 | 7.2 | - | - | - | - | - |
| 39 | 9.4 | - | - | 4.1 | - | - | 46 | 7.2 | 7.2 | - | 2.8 | - | - |
| 46 | 9.4 | 8.1 | - | 4.1 | - | - | 52 | 7.2 | 7.2 | 6.6 | 2.8 | - | - |
| 52 | 9.4 | 8.1 | 7.2 | 4.1 | - | - | 59 | 7.2 | 7.0 | 6.6 | 2.8 | - | - |
| 59 | 9.4 | 7.9 | 7.2 | 4.1 | 3.3 | - | 65 | 7.0 | 6.8 | 6.4 | 2.8 | 2.6 | - |
| 65 | 9.0 | 7.7 | 7.0 | 3.9 | 3.3 | - | 72 | 6.8 | 6.6 | 6.1 | 2.6 | 2.6 | - |
| 72 | 7.5 | 7.5 | 6.8 | 3.5 | 3.3 | - | 79 | 5.2 | 6.1 | 5.5 | 2.6 | 2.6 | 2.4 |
| 79 | 5.4 | 6.7 | 6.5 | 3.5 | 3.3 | 2.8 | 85 | 4.2 | 5.1 | 5.3 | 2.4 | 2.6 | 2.4 |
| 85 | 4.4 | 5.3 | 6.1 | 3.3 | 3.3 | 2.6 | 92 | 2.8 | 3.9 | 4.6 | 2.4 | 2.4 | 2.4 |
| 92 | 3.0 | 4.1 | 4.6 | 3.2 | 3.3 | 2.6 | 98 | 2.0 | 2.9 | 3.3 | 2.4 | 2.4 | 2.4 |
| 98 | 2.0 | 2.9 | 3.3 | 2.6 | 3.1 | 2.6 | 105 | - | 1.9 | 2.4 | 1.5 | 2.4 | 2.4 |
| 105 | - | 1.9 | 2.4 | 1.9 | 2.8 | 2.6 | 111 | - | - | 1.6 | - | 2.2 | 2.4 |
| 111 | - | - | 1.6 | - | 2.4 | 2.6 | 118 | - | - | - | - | 1.5 | 2.2 |
| 118 | - | - | - | - | 1.7 | 2.6 | 124 | - | - | - | - | - | 1.8 |
| 124 | - | - | - | - | - | 2.0 | 131 | - | - | - | - | - | - |

Working ranges main boom extension

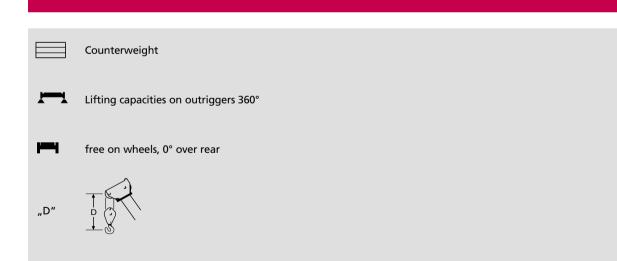


Notes to lifting capacity

Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes. Crane operation is subject to the computer charts and operation manual both supplied with the crane.

Key



Technical description

Carrier

Drive / steering 8 x 6 x 6

Frame Monobox main frame with outrigger boxes integral, of high-strength fine-grain structural steel.

Four hydraulically telescoping outrigger beams with hydraulic jack legs. Outriggers

Engine Water-cooled 6 cylinder DaimlerChrysler engine OM 501 LA, output to DIN: 315 kW (428 hp) at 1800 ¹/min,

max. torque 2000 Nm at 1080 ¹/min, certified in compliance with EURO MOT 2, EPA 2, CARB, stainless steel exhaust system with spark arrestor. Tank capacity: 106 gallons.

Transmission Allison automatic transmission, transfer case with off-road range.

1st: steering. 2nd: steering. 3rd: rigid, non-steering, 4th: steering. Axles 1, 2 and 4 with planetary hubs. Differential lock-out control on 2nd axle: longitudinal and transverse. 1st and 4th axle: transverse. Axles

Suspension Hydropneumatic suspension, all axles hydraulically blockable.

8 x 14.00 R 25 on 11.25-25 rims; tubeless road-tread tires. All axles single-wheeled. Wheels and tires

Steering Dual-circuit semiblock mechanical steering with hydraulic booster.

Service brake: dual-line air system with ABS, acting on all wheels. Parking brake: spring-loaded type, **Brakes**

Sustained action brake: engine exhaust brake and constant decompression valve, automatic downhill brake

Travel speed 50 mph, brake control.

Electrical equipment

2-man driver's cab Rubber-mounted steel cab with safety glass, carrier controls, air-sprung and heated driver's and passenger

seat with integrated seat belts, height and tilt adjustable steering wheel, electric window winders, electrically adjustable and heated outside mirrors, cruise control, radio with CD-player, rotary beacon,

air-conditioning as standard.

Superstructure

Hydraulic system Driven off carrier engine at low revs, 1 variable-displacement axial piston pump and separate fixed-displace-

ment pump for 4 simultaneous, independent working movements.

Hoist Fixed-displacement axial-piston motor, hoist drum with planetary reduction integral and spring-applied

Slew unit Hydraulic motor with planetary reduction, foot-pedal brake and spring-applied holding brake.

Derricking unit 1 differential cylinder with pilot-controlled lowering brake valve.

Spacious all-steel comfortable cab with sliding door and large hinged windscreen, roof window with Crane cab

armoured glass, controls and instrumentation for all crane movements, working lights, self-contained hot water heater with timer, thermostat-controlled, windscreen washer and wiper with intermittent control,

cab tiltable up to 18°, air-conditioning as standard.

Main boom Boom base and 5 telescopic sections of fine-grain structural steel, telescoping with partial load, buckling-

resistant Demag ovaloid design.

Counterweight 17,600 lb in sections of 11,250 lb, 3,750 lb and 2,650 lb (15,000 lb fitted on superstructure, 2,650 lb hydrauli-

cally stowed on carrier deck).

Top steer facility Included as standard.

Safety devices Electronic safe load indicator with digital read-out for hook load, rated load, boom length, boom angle,

load radius, analog display to indicate the capacity utilization. Limit switches on hoist and loweringmotions,

pressure-relief and safety holding valves.

Hydraulic pilot control through self-centering control levers. Hydraulic servo control

Optional equipment

Drive / steering 8 x 8 x 8.

Tires Optional 16.00 R 25, 17.5 R 25 or 20.5 R 25.

Telma brake **Trailer coupling**

Hoist II

For central axle trailers with max. 52,920 lb total weight and ABS air hookup: D = 190; D_C = 155; V = 75.

Fixed displacement axial-piston motor, hoist drum with planetary reduction integral and spring-applied

holding brake. Hoist II avoids re-reeving of hoist line when using the optional jib.

Main boom extension 1- or 2-part folding jib, 30.2 ft or 57.7 ft. 0°, 20° and 40° offset.

Additional counterweight 22,050 lb, integrated into standard counterweight, installed hydraulically by the crane itself.

Heavy-lift attachment Additional sheaves on boom head for duties over 132,300 lb.

Heavy-lift runner 3.9 ft long, 1-sheave.

Outrigger loading indicator Limitation of working range Radio with CD-player

in upper cab

Stowing point for hook block For 1 and 3-sheave hook blocks or for 5-sheaves hook block, for single line hook block.

Tackle box on the rear

of the carrier

Overview of standard duty charts

30.2 ft

57.7 ft

30.2 ft

57.7 ft

х

151.3 ft

164.0 ft

25′3″ x 23′ 🛂 25′3″ x 14′9″ Main boom Main boom Main boom 11,000 lb 17,600 lb 39,700 lb 11,000 lb 17,600 lb 39,700 lb 35.8 ft 35.8 ft 52.8 ft 52.8 ft х х х 70.2 ft 70.2 ft х х х х х х 82.0 ft 82.0 ft 102.8 ft 102.8 ft х х х 121.9 ft 121.9 ft 138.9 ft х х х 138.9 ft х х 151.3 ft 151.3 ft х х 164.0 ft 164.0 ft Main boom extension Extension 0°/20°/40° Extension 0° / 20° / 40° Main boom Main boom 17,600 lb 39,700 lb 17,600 lb 11,000 lb 11,000 lb 39,700 lb

х

х

х

х

30.2 ft

57.7 ft

30.2 ft

57.7 ft

151.3 ft

164.0 ft

х

х

х

х

х

The information contained in this brochure merely consists of general descriptions and a broad compilation of performance features which might not apply precisely as described under specific application conditions or which may change as a result of further product development.

The desired performance features only become binding once expressly agreed in the final contract.

Subject to change without notice. • Machine operation is subject to computer charts only.

08/04

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