

Boom Lifting Capacity Chart

Specification AA

Outriggers intermediately extended (8.4m) with 105ton counterweight

| | Working radius(m) | 14.4m Boom with heavy load unit |
|-------------------------|-------------------|------------------------------------|
| Over rear | 2.5 | 300.0 |
| 360° full range | 3.0 | 230.0 |
| | 3.5 | 210.0 |
| | 4.0 | 190.0 |
| | 4.5 | 175.0 |
| | 5.0 | 162.0 |
| Critical boom angle(°) | | — |
| Standard hook | | for 300ton |
| Hook mass(ton) | | 3.80 |
| Parts of line | | 14×2 |

(Unit : Metric ton)

Specification A1

Outriggers fully extended (9.4m) 360° full range, with 105ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 150.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 144.9 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 126.4 | 120.0 | 120.0 | 120.0 | 70.0 | 60.0 | | | |
| 8.0 | 111.8 | 110.1 | 109.2 | 109.0 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 99.8 | 98.2 | 97.3 | 97.1 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 89.9 | 88.2 | 87.3 | 87.1 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 81.6 | 79.9 | 78.9 | 78.7 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 72.4 | 72.7 | 71.8 | 71.6 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 61.2 | 60.2 | 60.0 | 61.8 | 52.6 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 52.3 | 51.3 | 51.1 | 53.0 | 46.5 | 42.4 | 38.0 | 31.0 |
| 18.0 | | | 44.2 | 44.0 | 45.8 | 41.3 | 38.1 | 35.1 | 27.3 |
| 20.0 | | | 38.4 | 38.2 | 40.0 | 37.0 | 34.5 | 31.1 | 24.3 |
| 22.0 | | | | 30.4 | 35.2 | 33.4 | 31.1 | 27.9 | 21.7 |
| 24.0 | | | | | 30.8 | 30.3 | 28.2 | 25.1 | 19.6 |
| 26.0 | | | | | 27.1 | 27.7 | 25.7 | 22.8 | 17.7 |
| 28.0 | | | | | 23.9 | 25.0 | 23.5 | 20.8 | 16.1 |
| 30.0 | | | | | | 22.3 | 21.6 | 19.0 | 14.7 |
| 32.0 | | | | | | 19.9 | 20.0 | 17.5 | 13.4 |
| 34.0 | | | | | | 17.8 | 18.3 | 16.1 | 12.3 |
| 36.0 | | | | | | 15.9 | 16.4 | 14.9 | 11.3 |
| 38.0 | | | | | | | 14.8 | 13.8 | 10.4 |
| 40.0 | | | | | | | 13.3 | 12.8 | 9.6 |
| 42.0 | | | | | | | 9.9 | 11.9 | 8.9 |
| 44.0 | | | | | | | | 11.0 | 8.2 |
| 46.0 | | | | | | | | 9.9 | 7.6 |
| 48.0 | | | | | | | | | 7.1 |
| 50.0 | | | | | | | | | 6.6 |
| 52.0 | | | | | | | | | 5.2 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 7 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification A2

Outriggers intermediately extended (8.4m) over side, with 105ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 150.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 144.9 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 126.4 | 120.0 | 120.0 | 120.0 | 70.0 | 60.0 | | | |
| 8.0 | 111.8 | 110.1 | 109.2 | 109.0 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 99.8 | 98.2 | 97.3 | 97.1 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 89.9 | 88.2 | 87.3 | 87.1 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 81.6 | 79.9 | 78.9 | 78.7 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 72.4 | 72.7 | 71.8 | 71.6 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 61.2 | 60.2 | 60.0 | 61.8 | 52.6 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 52.3 | 51.3 | 51.1 | 53.0 | 46.5 | 42.4 | 38.0 | 31.0 |
| 18.0 | | | 44.2 | 44.0 | 45.8 | 41.3 | 38.1 | 35.1 | 27.3 |
| 20.0 | | | 38.4 | 38.2 | 40.0 | 37.0 | 34.5 | 31.1 | 24.3 |
| 22.0 | | | | 30.4 | 35.2 | 33.4 | 31.1 | 27.9 | 21.7 |
| 24.0 | | | | | 30.8 | 30.3 | 28.2 | 25.1 | 19.6 |
| 26.0 | | | | | 27.1 | 27.7 | 25.7 | 22.8 | 17.7 |
| 28.0 | | | | | 23.9 | 25.0 | 23.5 | 20.8 | 16.1 |
| 30.0 | | | | | | 22.3 | 21.6 | 19.0 | 14.7 |
| 32.0 | | | | | | 19.9 | 20.0 | 17.5 | 13.4 |
| 34.0 | | | | | | 17.8 | 18.3 | 16.1 | 12.3 |
| 36.0 | | | | | | 15.9 | 16.4 | 14.9 | 11.3 |
| 38.0 | | | | | | | 14.8 | 13.8 | 10.4 |
| 40.0 | | | | | | | 13.3 | 12.8 | 9.6 |
| 42.0 | | | | | | | 9.9 | 11.9 | 8.9 |
| 44.0 | | | | | | | | 11.0 | 8.2 |
| 46.0 | | | | | | | | 9.9 | 7.6 |
| 48.0 | | | | | | | | | 7.1 |
| 50.0 | | | | | | | | | 6.6 |
| 52.0 | | | | | | | | | 5.2 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 7 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification B1

Outriggers fully extended (9.4m) 360° full range, with 93ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 150.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 140.6 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 122.6 | 120.0 | 120.0 | 120.0 | 70.0 | 60.0 | | | |
| 8.0 | 108.3 | 106.7 | 105.8 | 105.6 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 96.7 | 95.1 | 94.2 | 93.9 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 87.1 | 85.4 | 84.5 | 84.3 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 79.0 | 77.2 | 76.3 | 76.1 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 72.1 | 70.3 | 69.4 | 69.2 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 59.0 | 58.1 | 57.9 | 59.8 | 52.6 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 50.4 | 49.4 | 49.2 | 51.1 | 46.5 | 42.4 | 38.0 | 31.0 |
| 18.0 | | | 42.0 | 41.8 | 43.9 | 41.3 | 38.1 | 35.1 | 27.3 |
| 20.0 | | | 35.8 | 35.6 | 37.6 | 37.0 | 34.5 | 31.1 | 24.3 |
| 22.0 | | | | 30.4 | 32.5 | 33.4 | 31.1 | 27.9 | 21.7 |
| 24.0 | | | | | 28.3 | 29.4 | 28.2 | 25.1 | 19.6 |
| 26.0 | | | | | 24.7 | 25.9 | 25.7 | 22.8 | 17.7 |
| 28.0 | | | | | 21.7 | 22.8 | 23.5 | 20.8 | 16.1 |
| 30.0 | | | | | | 20.2 | 20.9 | 19.0 | 14.7 |
| 32.0 | | | | | | 17.9 | 18.5 | 17.5 | 13.4 |
| 34.0 | | | | | | 16.0 | 16.5 | 16.1 | 12.3 |
| 36.0 | | | | | | 14.2 | 14.7 | 14.9 | 11.3 |
| 38.0 | | | | | | | 13.2 | 13.5 | 10.4 |
| 40.0 | | | | | | | 11.7 | 12.1 | 9.6 |
| 42.0 | | | | | | | 9.9 | 10.8 | 8.9 |
| 44.0 | | | | | | | | 9.6 | 8.2 |
| 46.0 | | | | | | | | 8.6 | 7.6 |
| 48.0 | | | | | | | | | 7.1 |
| 50.0 | | | | | | | | | 6.6 |
| 52.0 | | | | | | | | | 5.2 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 7 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification B2

Outriggers intermediately extended (8.4m) over side, with 93ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 150.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 140.6 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 122.6 | 120.0 | 120.0 | 120.0 | 70.0 | 60.0 | | | |
| 8.0 | 108.3 | 106.7 | 105.8 | 105.6 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 96.7 | 95.1 | 94.2 | 93.9 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 87.1 | 85.4 | 84.5 | 84.3 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 79.0 | 77.2 | 76.3 | 76.1 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 72.1 | 70.3 | 69.4 | 69.2 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 59.0 | 58.1 | 57.9 | 59.8 | 52.6 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 50.4 | 49.4 | 49.2 | 51.1 | 46.5 | 42.4 | 38.0 | 31.0 |
| 18.0 | | | 42.0 | 41.8 | 43.9 | 41.3 | 38.1 | 35.1 | 27.3 |
| 20.0 | | | 35.8 | 35.6 | 37.6 | 37.0 | 34.5 | 31.1 | 24.3 |
| 22.0 | | | | 30.4 | 32.5 | 33.4 | 31.1 | 27.9 | 21.7 |
| 24.0 | | | | | 28.3 | 29.4 | 28.2 | 25.1 | 19.6 |
| 26.0 | | | | | 24.7 | 25.9 | 25.7 | 22.8 | 17.7 |
| 28.0 | | | | | 21.7 | 22.8 | 23.5 | 20.8 | 16.1 |
| 30.0 | | | | | | 20.2 | 20.9 | 19.0 | 14.7 |
| 32.0 | | | | | | 17.9 | 18.5 | 17.5 | 13.4 |
| 34.0 | | | | | | 16.0 | 16.5 | 16.1 | 12.3 |
| 36.0 | | | | | | 14.2 | 14.7 | 14.9 | 11.3 |
| 38.0 | | | | | | | 13.2 | 13.5 | 10.4 |
| 40.0 | | | | | | | 11.7 | 12.1 | 9.6 |
| 42.0 | | | | | | | 9.9 | 10.8 | 8.9 |
| 44.0 | | | | | | | | 9.6 | 8.2 |
| 46.0 | | | | | | | | 8.6 | 7.6 |
| 48.0 | | | | | | | | | 7.1 |
| 50.0 | | | | | | | | | 6.6 |
| 52.0 | | | | | | | | | 5.2 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 7 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification C1

Outriggers fully extended (9.4m) 360° full range, with 81ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 150.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 136.3 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 118.8 | 117.2 | 116.4 | 116.2 | 70.0 | 60.0 | | | |
| 8.0 | 104.9 | 103.3 | 102.4 | 102.2 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 93.6 | 92.0 | 91.1 | 90.9 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 84.2 | 82.6 | 81.7 | 81.4 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 76.4 | 74.6 | 73.7 | 73.5 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 69.6 | 67.9 | 66.9 | 66.7 | 68.6 | 60.0 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 56.7 | 55.6 | 55.4 | 57.7 | 52.6 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 47.1 | 46.0 | 45.7 | 47.9 | 46.5 | 42.4 | 38.0 | 31.0 |
| 18.0 | | | 38.6 | 38.3 | 40.4 | 41.3 | 38.1 | 35.1 | 27.3 |
| 20.0 | | | 32.7 | 32.5 | 34.5 | 35.7 | 34.5 | 31.1 | 24.3 |
| 22.0 | | | | 27.8 | 29.7 | 30.9 | 31.1 | 27.9 | 21.7 |
| 24.0 | | | | | 25.7 | 26.9 | 27.6 | 25.1 | 19.6 |
| 26.0 | | | | | 22.4 | 23.5 | 24.2 | 22.8 | 17.7 |
| 28.0 | | | | | 19.5 | 20.6 | 21.3 | 20.8 | 16.1 |
| 30.0 | | | | | | 18.2 | 18.8 | 19.0 | 14.7 |
| 32.0 | | | | | | 16.0 | 16.6 | 17.0 | 13.4 |
| 34.0 | | | | | | 14.2 | 14.7 | 15.1 | 12.3 |
| 36.0 | | | | | | 12.5 | 13.0 | 13.4 | 11.3 |
| 38.0 | | | | | | | 11.6 | 11.9 | 10.4 |
| 40.0 | | | | | | | 10.2 | 10.5 | 9.6 |
| 42.0 | | | | | | | 9.1 | 9.3 | 8.9 |
| 44.0 | | | | | | | | 8.2 | 8.2 |
| 46.0 | | | | | | | | 7.3 | 7.5 |
| 48.0 | | | | | | | | | 6.6 |
| 50.0 | | | | | | | | | 5.8 |
| 52.0 | | | | | | | | | 5.0 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 7 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification C2

Outriggers intermediately extended (8.4m) over side, with 81ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 150.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 136.3 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 118.8 | 117.2 | 116.4 | 116.2 | 70.0 | 60.0 | | | |
| 8.0 | 104.9 | 103.3 | 102.4 | 102.2 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 93.6 | 92.0 | 91.1 | 90.9 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 84.2 | 82.6 | 81.7 | 81.4 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 76.4 | 74.6 | 73.7 | 73.5 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 69.6 | 67.9 | 66.9 | 66.7 | 68.6 | 60.0 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 56.7 | 55.6 | 55.4 | 57.7 | 52.6 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 47.1 | 46.0 | 45.7 | 47.9 | 46.5 | 42.4 | 38.0 | 31.0 |
| 18.0 | | | 38.6 | 38.3 | 40.4 | 41.3 | 38.1 | 35.1 | 27.3 |
| 20.0 | | | 32.7 | 32.5 | 34.5 | 35.7 | 34.5 | 31.1 | 24.3 |
| 22.0 | | | | 27.8 | 29.7 | 30.9 | 31.1 | 27.9 | 21.7 |
| 24.0 | | | | | 25.7 | 26.9 | 27.6 | 25.1 | 19.6 |
| 26.0 | | | | | 22.4 | 23.5 | 24.2 | 22.8 | 17.7 |
| 28.0 | | | | | 19.5 | 20.6 | 21.3 | 20.8 | 16.1 |
| 30.0 | | | | | | 18.2 | 18.8 | 19.0 | 14.7 |
| 32.0 | | | | | | 16.0 | 16.6 | 17.0 | 13.4 |
| 34.0 | | | | | | 14.2 | 14.7 | 15.1 | 12.3 |
| 36.0 | | | | | | 12.5 | 13.0 | 13.4 | 11.3 |
| 38.0 | | | | | | | 11.6 | 11.9 | 10.4 |
| 40.0 | | | | | | | 10.2 | 10.5 | 9.6 |
| 42.0 | | | | | | | 9.1 | 9.3 | 8.9 |
| 44.0 | | | | | | | | 8.2 | 8.2 |
| 46.0 | | | | | | | | 7.3 | 7.5 |
| 48.0 | | | | | | | | | 6.6 |
| 50.0 | | | | | | | | | 5.8 |
| 52.0 | | | | | | | | | 5.0 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 7 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification D1

Outriggers fully extended (9.4m) 360° full range, with 69ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 150.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 132.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 115.0 | 113.4 | 112.5 | 112.3 | 70.0 | 60.0 | | | |
| 8.0 | 101.5 | 99.9 | 99.0 | 98.8 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 90.5 | 88.9 | 88.0 | 87.8 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 81.4 | 79.7 | 78.8 | 78.6 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 73.7 | 72.0 | 71.1 | 70.9 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 66.6 | 64.5 | 63.4 | 63.1 | 65.5 | 60.0 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 52.2 | 51.1 | 50.9 | 53.1 | 52.6 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 43.2 | 42.1 | 41.8 | 44.0 | 45.3 | 42.4 | 38.0 | 31.0 |
| 18.0 | | | 35.1 | 34.9 | 37.0 | 38.2 | 38.1 | 35.1 | 27.3 |
| 20.0 | | | 29.6 | 29.4 | 31.4 | 32.6 | 33.4 | 31.1 | 24.3 |
| 22.0 | | | | 25.0 | 26.9 | 28.1 | 28.8 | 27.9 | 21.7 |
| 24.0 | | | | | 23.1 | 24.3 | 25.0 | 25.1 | 19.6 |
| 26.0 | | | | | 20.0 | 21.2 | 21.8 | 22.2 | 17.7 |
| 28.0 | | | | | 17.3 | 18.5 | 19.1 | 19.5 | 16.1 |
| 30.0 | | | | | | 16.1 | 16.8 | 17.1 | 14.7 |
| 32.0 | | | | | | 14.1 | 14.7 | 15.1 | 13.4 |
| 34.0 | | | | | | 12.4 | 12.9 | 13.3 | 12.3 |
| 36.0 | | | | | | 10.8 | 11.3 | 11.7 | 11.3 |
| 38.0 | | | | | | | 9.9 | 10.3 | 10.4 |
| 40.0 | | | | | | | 8.7 | 9.0 | 9.2 |
| 42.0 | | | | | | | 7.6 | 7.9 | 8.1 |
| 44.0 | | | | | | | | 6.9 | 7.1 |
| 46.0 | | | | | | | | 5.9 | 6.1 |
| 48.0 | | | | | | | | | 5.3 |
| 50.0 | | | | | | | | | 4.5 |
| 52.0 | | | | | | | | | 3.9 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 7 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification D2

Outriggers intermediately extended (8.4m) over side, with 69ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 150.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 132.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 115.0 | 113.4 | 112.5 | 112.3 | 70.0 | 60.0 | | | |
| 8.0 | 101.5 | 99.9 | 99.0 | 98.8 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 90.5 | 88.9 | 88.0 | 87.8 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 81.4 | 79.7 | 78.8 | 78.6 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 73.7 | 72.0 | 71.1 | 70.9 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 66.6 | 64.5 | 63.4 | 63.1 | 65.5 | 60.0 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 52.2 | 51.1 | 50.9 | 53.1 | 52.6 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 43.2 | 42.1 | 41.8 | 44.0 | 45.3 | 42.4 | 38.0 | 31.0 |
| 18.0 | | | 35.1 | 34.9 | 37.0 | 38.2 | 38.1 | 35.1 | 27.3 |
| 20.0 | | | 29.6 | 29.4 | 31.4 | 32.6 | 33.4 | 31.1 | 24.3 |
| 22.0 | | | | 25.0 | 26.9 | 28.1 | 28.8 | 27.9 | 21.7 |
| 24.0 | | | | | 23.1 | 24.3 | 25.0 | 25.1 | 19.6 |
| 26.0 | | | | | 20.0 | 21.2 | 21.8 | 22.2 | 17.7 |
| 28.0 | | | | | 17.3 | 18.5 | 19.1 | 19.5 | 16.1 |
| 30.0 | | | | | | 16.1 | 16.8 | 17.1 | 14.7 |
| 32.0 | | | | | | 14.1 | 14.7 | 15.1 | 13.4 |
| 34.0 | | | | | | 12.4 | 12.9 | 13.3 | 12.3 |
| 36.0 | | | | | | 10.8 | 11.3 | 11.7 | 11.3 |
| 38.0 | | | | | | | 9.9 | 10.3 | 10.4 |
| 40.0 | | | | | | | 8.7 | 9.0 | 9.2 |
| 42.0 | | | | | | | 7.6 | 7.9 | 8.1 |
| 44.0 | | | | | | | | 6.9 | 7.1 |
| 46.0 | | | | | | | | 5.9 | 6.1 |
| 48.0 | | | | | | | | | 5.3 |
| 50.0 | | | | | | | | | 4.5 |
| 52.0 | | | | | | | | | 3.9 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 7 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification D3

Outriggers intermediately extended (7.4m) over side, with 69ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 150.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 132.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 115.0 | 113.4 | 112.5 | 112.3 | 70.0 | 60.0 | | | |
| 8.0 | 101.5 | 99.9 | 99.0 | 98.8 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 90.5 | 88.9 | 87.9 | 87.8 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 81.4 | 79.7 | 78.8 | 78.6 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 73.7 | 72.0 | 71.1 | 70.9 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 66.3 | 64.4 | 63.4 | 63.1 | 65.3 | 60.0 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 49.5 | 48.6 | 48.4 | 50.3 | 51.4 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 39.5 | 38.6 | 38.4 | 40.2 | 41.3 | 41.9 | 38.0 | 31.0 |
| 18.0 | | | 31.4 | 31.2 | 33.0 | 34.0 | 34.6 | 34.9 | 27.3 |
| 20.0 | | | 26.1 | 25.9 | 27.5 | 28.5 | 29.0 | 29.3 | 24.3 |
| 22.0 | | | | 21.7 | 23.2 | 24.2 | 24.7 | 25.0 | 21.7 |
| 24.0 | | | | | 19.8 | 20.7 | 21.3 | 21.5 | 19.6 |
| 26.0 | | | | | 17.0 | 17.9 | 18.4 | 18.7 | 17.7 |
| 28.0 | | | | | 14.7 | 15.6 | 16.0 | 16.3 | 16.1 |
| 30.0 | | | | | | 13.6 | 14.0 | 14.3 | 14.5 |
| 32.0 | | | | | | 11.9 | 12.3 | 12.6 | 12.8 |
| 34.0 | | | | | | 10.4 | 10.8 | 11.1 | 11.3 |
| 36.0 | | | | | | 9.2 | 9.5 | 9.8 | 10.0 |
| 38.0 | | | | | | | 8.4 | 8.6 | 8.8 |
| 40.0 | | | | | | | 7.4 | 7.6 | 7.8 |
| 42.0 | | | | | | | 6.5 | 6.7 | 6.9 |
| 44.0 | | | | | | | | 5.8 | 6.1 |
| 46.0 | | | | | | | | 4.9 | 5.1 |
| 48.0 | | | | | | | | | 4.2 |
| 50.0 | | | | | | | | | 3.5 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 15 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification E1

Outriggers fully extended (9.4m) 360° full range, with 51ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 146.7 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 125.5 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 109.3 | 107.7 | 106.8 | 106.6 | 70.0 | 60.0 | | | |
| 8.0 | 96.3 | 94.7 | 93.8 | 93.6 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 85.1 | 83.1 | 82.0 | 81.7 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 74.4 | 72.4 | 71.3 | 71.0 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 65.8 | 63.7 | 62.6 | 62.4 | 64.7 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 58.7 | 56.6 | 55.5 | 55.3 | 57.6 | 58.9 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 45.5 | 44.4 | 44.2 | 46.4 | 47.7 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 37.3 | 36.2 | 36.0 | 38.2 | 39.4 | 40.2 | 38.0 | 31.0 |
| 18.0 | | | 29.9 | 29.7 | 31.8 | 33.0 | 33.8 | 34.2 | 27.3 |
| 20.0 | | | 25.0 | 24.7 | 26.8 | 28.0 | 28.7 | 29.1 | 24.3 |
| 22.0 | | | | 20.8 | 22.7 | 23.9 | 24.6 | 24.9 | 21.7 |
| 24.0 | | | | | 19.3 | 20.5 | 21.2 | 21.5 | 19.6 |
| 26.0 | | | | | 16.4 | 17.6 | 18.3 | 18.6 | 17.7 |
| 28.0 | | | | | 14.1 | 15.2 | 15.8 | 16.2 | 16.1 |
| 30.0 | | | | | | 13.1 | 13.7 | 14.0 | 14.3 |
| 32.0 | | | | | | 11.2 | 11.8 | 12.2 | 12.5 |
| 34.0 | | | | | | 9.7 | 10.2 | 10.6 | 10.8 |
| 36.0 | | | | | | 8.3 | 8.8 | 9.1 | 9.4 |
| 38.0 | | | | | | | 7.5 | 7.9 | 8.1 |
| 40.0 | | | | | | | 6.4 | 6.7 | 7.0 |
| 42.0 | | | | | | | 5.4 | 5.7 | 5.9 |
| 44.0 | | | | | | | | 4.8 | 5.0 |
| 46.0 | | | | | | | | 4.0 | 4.1 |
| 48.0 | | | | | | | | | 3.4 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 22 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification E2

Outriggers intermediately extended (8.4m) over side, with 51ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 146.7 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 125.5 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 109.3 | 107.7 | 106.8 | 106.6 | 70.0 | 60.0 | | | |
| 8.0 | 96.3 | 94.7 | 93.8 | 93.6 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 85.1 | 83.1 | 82.0 | 81.7 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 74.4 | 72.4 | 71.3 | 71.0 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 65.8 | 63.7 | 62.6 | 62.4 | 64.7 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 58.7 | 56.6 | 55.5 | 55.3 | 57.6 | 58.9 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 45.5 | 44.4 | 44.2 | 46.4 | 47.7 | 47.0 | 38.0 | 32.0 |
| 16.0 | | 37.3 | 36.2 | 36.0 | 38.2 | 39.4 | 40.2 | 38.0 | 31.0 |
| 18.0 | | | 29.9 | 29.7 | 31.8 | 33.0 | 33.8 | 34.2 | 27.3 |
| 20.0 | | | 25.0 | 24.7 | 26.8 | 28.0 | 28.7 | 29.1 | 24.3 |
| 22.0 | | | | 20.8 | 22.7 | 23.7 | 24.3 | 24.6 | 21.7 |
| 24.0 | | | | | 19.1 | 20.1 | 20.7 | 21.0 | 19.6 |
| 26.0 | | | | | 16.3 | 17.2 | 17.8 | 18.1 | 17.7 |
| 28.0 | | | | | 13.9 | 14.8 | 15.4 | 15.7 | 15.9 |
| 30.0 | | | | | | 12.8 | 13.3 | 13.6 | 13.8 |
| 32.0 | | | | | | 11.1 | 11.6 | 11.8 | 12.1 |
| 34.0 | | | | | | 9.6 | 10.0 | 10.3 | 10.5 |
| 36.0 | | | | | | 8.1 | 8.7 | 9.0 | 9.2 |
| 38.0 | | | | | | | 7.3 | 7.7 | 7.9 |
| 40.0 | | | | | | | 6.1 | 6.4 | 6.7 |
| 42.0 | | | | | | | 5.0 | 5.3 | 5.6 |
| 44.0 | | | | | | | | 4.3 | 4.6 |
| 46.0 | | | | | | | | 3.4 | 3.7 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 5 | 28 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification E3

Outriggers intermediately extended (7.4m) over side, with 51ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 146.7 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 125.5 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 7.0 | 109.3 | 107.7 | 106.8 | 106.6 | 70.0 | 60.0 | | | |
| 8.0 | 96.3 | 94.7 | 93.8 | 93.6 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 85.1 | 83.1 | 82.0 | 81.7 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 74.4 | 72.4 | 71.3 | 71.0 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 63.3 | 61.3 | 60.3 | 60.1 | 62.3 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 54.4 | 52.5 | 51.5 | 51.3 | 53.4 | 54.6 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 39.9 | 39.0 | 38.8 | 40.7 | 41.8 | 42.5 | 38.0 | 32.0 |
| 16.0 | | 31.5 | 30.6 | 30.4 | 32.2 | 33.2 | 33.9 | 34.2 | 31.0 |
| 18.0 | | | 24.5 | 24.3 | 26.1 | 27.1 | 27.7 | 28.0 | 27.3 |
| 20.0 | | | 20.0 | 19.8 | 21.4 | 22.4 | 23.0 | 23.3 | 23.5 |
| 22.0 | | | | 16.3 | 17.8 | 18.8 | 19.3 | 19.6 | 19.8 |
| 24.0 | | | | | 14.9 | 15.9 | 16.4 | 16.7 | 16.9 |
| 26.0 | | | | | 12.6 | 13.5 | 14.0 | 14.3 | 14.5 |
| 28.0 | | | | | 10.6 | 11.5 | 12.0 | 12.2 | 12.4 |
| 30.0 | | | | | | 9.8 | 10.3 | 10.5 | 10.7 |
| 32.0 | | | | | | 8.4 | 8.8 | 9.1 | 9.3 |
| 34.0 | | | | | | 7.1 | 7.6 | 7.8 | 8.0 |
| 36.0 | | | | | | 6.0 | 6.5 | 6.7 | 6.9 |
| 38.0 | | | | | | | 5.3 | 5.6 | 5.9 |
| 40.0 | | | | | | | 4.2 | 4.5 | 4.8 |
| 42.0 | | | | | | | 3.2 | 3.5 | 3.8 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 26 | 36 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification F1

Outriggers fully extended (9.4m) 360° full range, with 41ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 141.8 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 121.4 | 119.8 | 118.9 | 118.7 | 70.0 | | | | |
| 7.0 | 105.6 | 104.0 | 103.1 | 102.9 | 70.0 | 60.0 | | | |
| 8.0 | 91.4 | 89.3 | 88.2 | 87.9 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 78.7 | 76.6 | 75.5 | 75.3 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 68.6 | 66.6 | 65.5 | 65.3 | 67.6 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 60.6 | 58.5 | 57.4 | 57.2 | 59.5 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 53.9 | 51.8 | 50.7 | 50.5 | 52.8 | 54.1 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 41.4 | 40.4 | 40.1 | 42.4 | 43.6 | 44.4 | 38.0 | 32.0 |
| 16.0 | | 33.8 | 32.7 | 32.5 | 34.6 | 35.9 | 36.7 | 37.0 | 31.0 |
| 18.0 | | | 26.8 | 26.6 | 28.7 | 29.9 | 30.7 | 31.0 | 27.3 |
| 20.0 | | | 22.2 | 21.9 | 23.9 | 25.2 | 25.9 | 26.3 | 24.3 |
| 22.0 | | | | 18.2 | 20.1 | 21.3 | 22.0 | 22.4 | 21.7 |
| 24.0 | | | | | 16.9 | 18.1 | 18.8 | 19.2 | 19.5 |
| 26.0 | | | | | 14.3 | 15.4 | 16.1 | 16.5 | 16.8 |
| 28.0 | | | | | 12.1 | 13.2 | 13.8 | 14.2 | 14.4 |
| 30.0 | | | | | | 11.2 | 11.8 | 12.2 | 12.4 |
| 32.0 | | | | | | 9.5 | 10.1 | 10.4 | 10.7 |
| 34.0 | | | | | | 8.0 | 8.6 | 8.9 | 9.2 |
| 36.0 | | | | | | 6.7 | 7.2 | 7.6 | 7.8 |
| 38.0 | | | | | | | 6.1 | 6.4 | 6.6 |
| 40.0 | | | | | | | 5.0 | 5.3 | 5.6 |
| 42.0 | | | | | | | 4.1 | 4.4 | 4.6 |
| 44.0 | | | | | | | | 3.5 | 3.7 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 3 | 20 | 32 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification F2

Outriggers intermediately extended (8.4m) over side, with 41ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 141.8 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 121.4 | 119.8 | 118.9 | 118.7 | 70.0 | | | | |
| 7.0 | 105.6 | 104.0 | 103.1 | 102.9 | 70.0 | 60.0 | | | |
| 8.0 | 91.4 | 89.3 | 88.2 | 87.9 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 78.7 | 76.6 | 75.5 | 75.3 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 68.6 | 66.6 | 65.5 | 65.3 | 67.6 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 60.6 | 58.5 | 57.4 | 57.2 | 59.5 | 60.0 | 47.0 | 38.0 | 32.0 |
| 12.0 | 53.9 | 51.8 | 50.7 | 50.5 | 52.8 | 54.1 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 41.4 | 40.4 | 40.1 | 42.4 | 43.6 | 44.4 | 38.0 | 32.0 |
| 16.0 | | 33.8 | 32.7 | 32.5 | 34.6 | 35.9 | 36.7 | 37.0 | 31.0 |
| 18.0 | | | 26.4 | 26.1 | 28.1 | 29.2 | 29.8 | 30.2 | 27.3 |
| 20.0 | | | 21.4 | 21.1 | 22.9 | 24.0 | 24.6 | 25.0 | 24.3 |
| 22.0 | | | | 17.3 | 19.0 | 20.0 | 20.6 | 20.9 | 21.2 |
| 24.0 | | | | | 15.8 | 16.8 | 17.4 | 17.7 | 17.9 |
| 26.0 | | | | | 13.2 | 14.2 | 14.8 | 15.1 | 15.3 |
| 28.0 | | | | | 11.1 | 12.1 | 12.6 | 12.9 | 13.1 |
| 30.0 | | | | | | 10.2 | 10.8 | 11.0 | 11.3 |
| 32.0 | | | | | | 8.6 | 9.2 | 9.5 | 9.7 |
| 34.0 | | | | | | 7.0 | 7.6 | 8.0 | 8.3 |
| 36.0 | | | | | | 5.6 | 6.2 | 6.6 | 6.8 |
| 38.0 | | | | | | | 4.9 | 5.3 | 5.6 |
| 40.0 | | | | | | | 3.8 | 4.2 | 4.4 |
| 42.0 | | | | | | | | 3.2 | 3.4 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 16 | 29 | 37 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification F3

Outriggers intermediately extended (7.4m) over side, with 41ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 141.8 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 121.4 | 119.8 | 118.9 | 118.7 | 70.0 | | | | |
| 7.0 | 105.6 | 104.0 | 103.1 | 102.9 | 70.0 | 60.0 | | | |
| 8.0 | 91.4 | 89.3 | 88.2 | 87.9 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 78.7 | 76.6 | 75.5 | 75.3 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 65.8 | 63.8 | 62.7 | 62.5 | 64.9 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 55.3 | 53.4 | 52.4 | 52.1 | 54.3 | 55.6 | 47.0 | 38.0 | 32.0 |
| 12.0 | 47.4 | 45.5 | 44.5 | 44.3 | 46.4 | 47.6 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 34.3 | 33.3 | 33.1 | 35.1 | 36.2 | 36.9 | 37.2 | 32.0 |
| 16.0 | | 26.8 | 25.9 | 25.6 | 27.5 | 28.5 | 29.2 | 29.5 | 29.7 |
| 18.0 | | | 20.5 | 20.3 | 22.0 | 23.0 | 23.6 | 23.9 | 24.1 |
| 20.0 | | | 16.5 | 16.2 | 17.9 | 18.8 | 19.4 | 19.7 | 19.9 |
| 22.0 | | | | 13.1 | 14.7 | 15.6 | 16.2 | 16.4 | 16.7 |
| 24.0 | | | | | 12.1 | 13.0 | 13.5 | 13.8 | 14.0 |
| 26.0 | | | | | 10.0 | 10.9 | 11.4 | 11.7 | 11.9 |
| 28.0 | | | | | 8.3 | 9.1 | 9.6 | 9.9 | 10.1 |
| 30.0 | | | | | | 7.6 | 8.1 | 8.3 | 8.5 |
| 32.0 | | | | | | 6.3 | 6.8 | 7.0 | 7.2 |
| 34.0 | | | | | | 4.8 | 5.4 | 5.8 | 6.1 |
| 36.0 | | | | | | 3.6 | 4.2 | 4.5 | 4.8 |
| 38.0 | | | | | | | 3.1 | 3.4 | 3.7 |
| Critical boom angle(°) | — | — | — | — | — | 10 | 28 | 37 | 44 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification F4

Outriggers intermediately extended (6.4m) over side, with 41ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 141.8 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 121.4 | 119.8 | 118.9 | 118.7 | 70.0 | | | | |
| 7.0 | 105.6 | 103.3 | 102.0 | 101.7 | 70.0 | 60.0 | | | |
| 8.0 | 81.3 | 79.2 | 78.0 | 77.8 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 65.4 | 63.4 | 62.3 | 62.1 | 64.4 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 54.1 | 52.2 | 51.2 | 51.0 | 53.2 | 54.4 | 47.0 | 38.0 | 32.0 |
| 11.0 | 45.8 | 44.0 | 43.0 | 42.8 | 44.9 | 46.0 | 46.8 | 38.0 | 32.0 |
| 12.0 | 39.4 | 37.6 | 36.7 | 36.4 | 38.4 | 39.6 | 40.3 | 38.0 | 32.0 |
| 14.0 | | 28.4 | 27.5 | 27.3 | 29.1 | 30.2 | 30.8 | 31.2 | 31.4 |
| 16.0 | | 22.1 | 21.2 | 21.0 | 22.7 | 23.8 | 24.4 | 24.7 | 24.9 |
| 18.0 | | | 16.6 | 16.4 | 18.1 | 19.1 | 19.7 | 19.9 | 20.2 |
| 20.0 | | | 13.2 | 13.0 | 14.6 | 15.5 | 16.1 | 16.3 | 16.6 |
| 22.0 | | | | 10.3 | 11.8 | 12.7 | 13.2 | 13.5 | 13.7 |
| 24.0 | | | | | 9.5 | 10.4 | 11.0 | 11.2 | 11.4 |
| 26.0 | | | | | 7.7 | 8.6 | 9.1 | 9.3 | 9.5 |
| 28.0 | | | | | 6.0 | 7.0 | 7.5 | 7.8 | 8.0 |
| 30.0 | | | | | | 5.5 | 6.1 | 6.4 | 6.6 |
| 32.0 | | | | | | 4.0 | 4.6 | 5.0 | 5.3 |
| 34.0 | | | | | | | 3.3 | 3.7 | 4.0 |
| Critical boom angle(°) | — | — | — | — | — | 33 | 38 | 45 | 50 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification G1

Outriggers fully extended (9.4m) 360° full range, with 31ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 149.3 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 137.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 117.2 | 115.6 | 114.8 | 114.6 | 70.0 | | | | |
| 7.0 | 99.5 | 97.5 | 96.3 | 96.1 | 70.0 | 60.0 | | | |
| 8.0 | 84.0 | 82.0 | 80.9 | 80.6 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 72.2 | 70.2 | 69.1 | 68.8 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 62.9 | 60.8 | 59.7 | 59.5 | 61.9 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 55.3 | 53.3 | 52.2 | 51.9 | 54.3 | 55.6 | 47.0 | 38.0 | 32.0 |
| 12.0 | 49.1 | 47.0 | 46.0 | 45.7 | 48.0 | 49.3 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 37.4 | 36.3 | 36.1 | 38.3 | 39.6 | 40.4 | 38.0 | 32.0 |
| 16.0 | | 30.2 | 29.2 | 28.9 | 31.1 | 32.3 | 33.1 | 33.5 | 31.0 |
| 18.0 | | | 23.7 | 23.4 | 25.5 | 26.8 | 27.5 | 27.9 | 27.3 |
| 20.0 | | | 19.4 | 19.1 | 21.1 | 22.4 | 23.1 | 23.5 | 23.7 |
| 22.0 | | | | 15.6 | 17.6 | 18.8 | 19.5 | 19.8 | 20.1 |
| 24.0 | | | | | 14.6 | 15.8 | 16.5 | 16.8 | 17.1 |
| 26.0 | | | | | 12.1 | 13.3 | 14.0 | 14.3 | 14.6 |
| 28.0 | | | | | 10.1 | 11.2 | 11.8 | 12.2 | 12.4 |
| 30.0 | | | | | | 9.3 | 10.0 | 10.3 | 10.6 |
| 32.0 | | | | | | 7.8 | 8.4 | 8.7 | 9.0 |
| 34.0 | | | | | | 6.3 | 6.9 | 7.3 | 7.5 |
| 36.0 | | | | | | 5.0 | 5.6 | 5.9 | 6.2 |
| 38.0 | | | | | | | 4.3 | 4.7 | 5.0 |
| 40.0 | | | | | | | 3.2 | 3.6 | 3.9 |
| Critical boom angle(°) | — | — | — | — | — | 2 | 20 | 33 | 40 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification G2

Outriggers intermediately extended (8.4m) over side, with 31ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 149.3 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 137.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 117.2 | 115.6 | 114.8 | 114.6 | 70.0 | | | | |
| 7.0 | 99.5 | 97.5 | 96.3 | 96.1 | 70.0 | 60.0 | | | |
| 8.0 | 84.0 | 82.0 | 80.9 | 80.6 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 72.2 | 70.2 | 69.1 | 68.8 | 70.0 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 62.9 | 60.8 | 59.7 | 59.5 | 61.9 | 60.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 55.3 | 53.3 | 52.2 | 51.9 | 54.3 | 55.6 | 47.0 | 38.0 | 32.0 |
| 12.0 | 49.1 | 47.0 | 46.0 | 45.7 | 48.0 | 49.4 | 47.0 | 38.0 | 32.0 |
| 14.0 | | 37.0 | 35.9 | 35.7 | 37.9 | 39.2 | 39.9 | 38.0 | 32.0 |
| 16.0 | | 28.5 | 27.5 | 27.3 | 29.4 | 30.5 | 31.2 | 31.6 | 31.0 |
| 18.0 | | | 21.6 | 21.4 | 23.3 | 24.4 | 25.1 | 25.4 | 25.7 |
| 20.0 | | | 17.2 | 17.0 | 18.8 | 19.8 | 20.5 | 20.8 | 21.0 |
| 22.0 | | | | 13.6 | 15.3 | 16.3 | 16.9 | 17.2 | 17.5 |
| 24.0 | | | | | 12.5 | 13.5 | 14.1 | 14.4 | 14.6 |
| 26.0 | | | | | 10.2 | 11.2 | 11.8 | 12.1 | 12.3 |
| 28.0 | | | | | 8.1 | 9.3 | 9.8 | 10.1 | 10.3 |
| 30.0 | | | | | | 7.4 | 8.1 | 8.5 | 8.7 |
| 32.0 | | | | | | 5.7 | 6.4 | 6.8 | 7.1 |
| 34.0 | | | | | | 4.3 | 4.9 | 5.3 | 5.6 |
| 36.0 | | | | | | 3.1 | 3.7 | 4.0 | 4.3 |
| 38.0 | | | | | | | | | 3.2 |
| Critical boom angle(°) | — | — | — | — | — | 15 | 33 | 40 | 44 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification G3

Outriggers intermediately extended (7.4m) over side, with 31ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 149.3 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 137.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 117.2 | 115.6 | 114.8 | 114.6 | 70.0 | | | | |
| 7.0 | 99.5 | 97.5 | 96.3 | 96.1 | 70.0 | 60.0 | | | |
| 8.0 | 84.0 | 82.0 | 80.9 | 80.6 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 69.4 | 67.2 | 66.0 | 65.8 | 68.4 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 56.6 | 54.6 | 53.5 | 53.3 | 55.6 | 57.0 | 47.0 | 38.0 | 32.0 |
| 11.0 | 47.4 | 45.4 | 44.4 | 44.2 | 46.4 | 47.7 | 47.0 | 38.0 | 32.0 |
| 12.0 | 40.3 | 38.5 | 37.5 | 37.3 | 39.4 | 40.6 | 41.3 | 38.0 | 32.0 |
| 14.0 | | 28.6 | 27.7 | 27.5 | 29.5 | 30.6 | 31.2 | 31.6 | 31.8 |
| 16.0 | | 22.0 | 21.1 | 20.9 | 22.8 | 23.8 | 24.4 | 24.8 | 25.0 |
| 18.0 | | | 16.4 | 16.2 | 17.9 | 18.9 | 19.5 | 19.9 | 20.1 |
| 20.0 | | | 12.9 | 12.7 | 14.3 | 15.3 | 15.9 | 16.2 | 16.4 |
| 22.0 | | | | 10.0 | 11.5 | 12.4 | 13.0 | 13.3 | 13.5 |
| 24.0 | | | | | 9.2 | 10.1 | 10.7 | 10.9 | 11.2 |
| 26.0 | | | | | 7.4 | 8.3 | 8.8 | 9.1 | 9.3 |
| 28.0 | | | | | 5.5 | 6.7 | 7.2 | 7.5 | 7.7 |
| 30.0 | | | | | | 5.1 | 5.7 | 6.1 | 6.3 |
| 32.0 | | | | | | 3.6 | 4.2 | 4.6 | 4.9 |
| 34.0 | | | | | | | | 3.3 | 3.6 |
| Critical boom angle(°) | — | — | — | — | — | 33 | 41 | 45 | 50 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification G4

Outriggers intermediately extended (6.4m) over side, with 31ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 149.3 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 137.0 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 117.2 | 115.6 | 114.8 | 114.6 | 70.0 | | | | |
| 7.0 | 91.2 | 88.8 | 87.5 | 87.3 | 70.0 | 60.0 | | | |
| 8.0 | 69.9 | 67.7 | 66.6 | 66.4 | 68.9 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 55.9 | 53.9 | 52.9 | 52.6 | 55.0 | 56.3 | 47.0 | 38.0 | 32.0 |
| 10.0 | 46.0 | 44.2 | 43.2 | 43.0 | 45.2 | 46.4 | 47.0 | 38.0 | 32.0 |
| 11.0 | 38.7 | 36.9 | 36.0 | 35.8 | 37.9 | 39.0 | 39.8 | 38.0 | 32.0 |
| 12.0 | 33.1 | 31.3 | 30.4 | 30.2 | 32.2 | 33.3 | 34.0 | 34.4 | 32.0 |
| 14.0 | | 23.3 | 22.4 | 22.2 | 24.1 | 25.1 | 25.8 | 26.1 | 26.3 |
| 16.0 | | 17.8 | 16.9 | 16.7 | 18.5 | 19.5 | 20.1 | 20.4 | 20.6 |
| 18.0 | | | 12.9 | 12.7 | 14.4 | 15.4 | 16.0 | 16.2 | 16.5 |
| 20.0 | | | 9.9 | 9.7 | 11.3 | 12.2 | 12.8 | 13.1 | 13.3 |
| 22.0 | | | | 7.3 | 8.9 | 9.8 | 10.3 | 10.6 | 10.8 |
| 24.0 | | | | | 6.9 | 7.8 | 8.3 | 8.6 | 8.8 |
| 26.0 | | | | | 4.8 | 6.1 | 6.7 | 6.9 | 7.1 |
| 28.0 | | | | | 3.1 | 4.3 | 5.0 | 5.4 | 5.7 |
| 30.0 | | | | | | | 3.5 | 3.9 | 4.2 |
| Critical boom angle(°) | — | — | — | — | 20 | 43 | 46 | 51 | 55 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification H1

Outriggers fully extended (9.4m) 360° full range, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 144.2 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 132.2 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 110.7 | 108.6 | 107.4 | 107.2 | 70.0 | | | | |
| 7.0 | 91.1 | 89.0 | 87.9 | 87.6 | 70.0 | 60.0 | | | |
| 8.0 | 76.7 | 74.7 | 73.6 | 73.3 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 65.7 | 63.7 | 62.6 | 62.4 | 64.8 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 57.1 | 55.1 | 54.0 | 53.7 | 56.1 | 57.4 | 47.0 | 38.0 | 32.0 |
| 11.0 | 50.1 | 48.1 | 47.0 | 46.7 | 49.1 | 50.4 | 47.0 | 38.0 | 32.0 |
| 12.0 | 44.3 | 42.3 | 41.2 | 41.0 | 43.3 | 44.6 | 45.4 | 38.0 | 32.0 |
| 14.0 | | 33.3 | 32.2 | 32.0 | 34.2 | 35.5 | 36.3 | 36.7 | 32.0 |
| 16.0 | | 26.7 | 25.6 | 25.4 | 27.6 | 28.8 | 29.6 | 30.0 | 30.2 |
| 18.0 | | | 20.5 | 20.3 | 22.4 | 23.6 | 24.3 | 24.7 | 24.9 |
| 20.0 | | | 16.3 | 16.0 | 17.9 | 19.0 | 19.7 | 20.0 | 20.2 |
| 22.0 | | | | 12.7 | 14.4 | 15.5 | 16.1 | 16.4 | 16.7 |
| 24.0 | | | | | 11.6 | 12.7 | 13.3 | 13.6 | 13.8 |
| 26.0 | | | | | 9.3 | 10.4 | 11.0 | 11.3 | 11.5 |
| 28.0 | | | | | 7.1 | 8.4 | 9.1 | 9.4 | 9.6 |
| 30.0 | | | | | | 6.5 | 7.2 | 7.6 | 7.9 |
| 32.0 | | | | | | 4.9 | 5.5 | 5.9 | 6.2 |
| 34.0 | | | | | | 3.5 | 4.1 | 4.5 | 4.8 |
| 36.0 | | | | | | | | 3.3 | 3.5 |
| Critical boom angle(°) | — | — | — | — | — | 27 | 37 | 41 | 47 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification H2

Outriggers intermediately extended (8.4m) over side, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 144.2 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 132.2 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 110.7 | 108.6 | 107.4 | 107.2 | 70.0 | | | | |
| 7.0 | 91.1 | 89.0 | 87.9 | 87.6 | 70.0 | 60.0 | | | |
| 8.0 | 76.7 | 74.7 | 73.6 | 73.3 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 65.7 | 63.7 | 62.6 | 62.4 | 64.8 | 60.0 | 47.0 | 38.0 | 32.0 |
| 10.0 | 57.1 | 55.1 | 54.0 | 53.7 | 56.1 | 57.4 | 47.0 | 38.0 | 32.0 |
| 11.0 | 50.1 | 48.1 | 47.0 | 46.7 | 49.1 | 50.4 | 47.0 | 38.0 | 32.0 |
| 12.0 | 43.6 | 41.4 | 40.3 | 40.0 | 42.4 | 43.8 | 44.6 | 38.0 | 32.0 |
| 14.0 | | 30.3 | 29.3 | 29.0 | 31.2 | 32.5 | 33.2 | 33.6 | 32.0 |
| 16.0 | | 23.0 | 22.0 | 21.8 | 23.8 | 25.0 | 25.7 | 26.0 | 26.3 |
| 18.0 | | | 16.8 | 16.6 | 18.5 | 19.6 | 20.3 | 20.7 | 20.9 |
| 20.0 | | | 13.0 | 12.8 | 14.6 | 15.7 | 16.3 | 16.6 | 16.9 |
| 22.0 | | | | 9.7 | 11.6 | 12.6 | 13.2 | 13.5 | 13.8 |
| 24.0 | | | | | 9.0 | 10.2 | 10.8 | 11.1 | 11.3 |
| 26.0 | | | | | 6.6 | 8.0 | 8.7 | 9.0 | 9.3 |
| 28.0 | | | | | 4.7 | 6.0 | 6.7 | 7.1 | 7.4 |
| 30.0 | | | | | | 4.3 | 5.0 | 5.4 | 5.7 |
| 32.0 | | | | | | | 3.5 | 3.9 | 4.2 |
| Critical boom angle(°) | — | — | — | — | — | 38 | 42 | 48 | 52 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification H3

Outriggers intermediately extended (7.4m) over side, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 144.2 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 132.2 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 110.7 | 108.6 | 107.4 | 107.2 | 70.0 | | | | |
| 7.0 | 91.1 | 89.0 | 87.9 | 87.6 | 70.0 | 60.0 | | | |
| 8.0 | 74.6 | 72.3 | 71.0 | 70.7 | 70.0 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 58.4 | 56.3 | 55.1 | 54.9 | 57.4 | 58.9 | 47.0 | 38.0 | 32.0 |
| 10.0 | 47.4 | 45.4 | 44.3 | 44.1 | 46.4 | 47.8 | 47.0 | 38.0 | 32.0 |
| 11.0 | 39.4 | 37.5 | 36.5 | 36.2 | 38.5 | 39.7 | 40.5 | 38.0 | 32.0 |
| 12.0 | 33.4 | 31.5 | 30.5 | 30.3 | 32.4 | 33.6 | 34.3 | 34.7 | 32.0 |
| 14.0 | | 23.0 | 22.1 | 21.9 | 23.8 | 24.9 | 25.6 | 25.9 | 26.2 |
| 16.0 | | 17.3 | 16.4 | 16.2 | 18.0 | 19.1 | 19.7 | 20.0 | 20.3 |
| 18.0 | | | 12.4 | 12.2 | 13.9 | 14.9 | 15.5 | 15.8 | 16.0 |
| 20.0 | | | 9.3 | 9.1 | 10.8 | 11.7 | 12.3 | 12.6 | 12.8 |
| 22.0 | | | | 6.5 | 8.3 | 9.3 | 9.8 | 10.1 | 10.3 |
| 24.0 | | | | | 6.2 | 7.3 | 7.8 | 8.1 | 8.3 |
| 26.0 | | | | | 4.1 | 5.4 | 6.1 | 6.4 | 6.7 |
| 28.0 | | | | | | 3.7 | 4.4 | 4.8 | 5.1 |
| 30.0 | | | | | | | | 3.2 | 3.5 |
| Critical boom angle(°) | — | — | — | — | 30 | 43 | 49 | 51 | 55 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification H4

Outriggers intermediately extended (6.4m) over side, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 144.2 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 132.2 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 108.3 | 105.5 | 104.0 | 102.5 | 70.0 | | | | |
| 7.0 | 76.8 | 74.5 | 73.2 | 72.9 | 70.0 | 60.0 | | | |
| 8.0 | 58.5 | 56.4 | 55.2 | 55.0 | 57.5 | 57.4 | 47.0 | 38.0 | |
| 9.0 | 46.5 | 44.5 | 43.5 | 43.2 | 45.6 | 46.9 | 47.0 | 38.0 | 32.0 |
| 10.0 | 38.0 | 36.2 | 35.2 | 34.9 | 37.1 | 38.4 | 39.1 | 38.0 | 32.0 |
| 11.0 | 31.8 | 29.9 | 29.0 | 28.8 | 30.8 | 32.0 | 32.7 | 33.1 | 32.0 |
| 12.0 | 26.9 | 25.1 | 24.2 | 24.0 | 26.0 | 27.1 | 27.8 | 28.2 | 28.4 |
| 14.0 | | 18.2 | 17.3 | 17.1 | 19.0 | 20.1 | 20.7 | 21.0 | 21.3 |
| 16.0 | | 13.5 | 12.6 | 12.5 | 14.2 | 15.2 | 15.8 | 16.1 | 16.4 |
| 18.0 | | | 9.2 | 9.0 | 10.7 | 11.7 | 12.3 | 12.6 | 12.8 |
| 20.0 | | | 6.4 | 6.1 | 8.0 | 9.0 | 9.5 | 9.8 | 10.0 |
| 22.0 | | | | | 5.7 | 6.9 | 7.4 | 7.7 | 7.9 |
| 24.0 | | | | | 3.5 | 4.8 | 5.5 | 5.9 | 6.2 |
| 26.0 | | | | | | 3.0 | 3.7 | 4.1 | 4.4 |
| Critical boom angle(°) | — | — | — | 25 | 38 | 47 | 53 | 57 | 60 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification H5

Outriggers minimum extended (5.4m) over side, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|-------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 144.2 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 111.8 | 109.2 | 107.6 | 105.0 | 70.0 | | | | |
| 6.0 | 74.8 | 72.6 | 71.4 | 71.1 | 70.0 | | | | |
| 7.0 | 54.9 | 53.0 | 51.9 | 51.7 | 54.0 | 54.9 | | | |
| 8.0 | 42.6 | 40.8 | 39.8 | 39.6 | 41.7 | 43.0 | 43.7 | 38.0 | |
| 9.0 | 34.2 | 32.5 | 31.5 | 31.3 | 33.4 | 34.5 | 35.2 | 35.5 | 32.0 |
| 10.0 | 28.1 | 26.4 | 25.6 | 25.4 | 27.3 | 28.3 | 29.0 | 29.3 | 29.6 |
| 11.0 | 23.4 | 21.9 | 21.0 | 20.8 | 22.6 | 23.7 | 24.3 | 24.6 | 24.9 |
| 12.0 | 19.8 | 18.3 | 17.4 | 17.3 | 19.0 | 20.0 | 20.6 | 20.9 | 21.2 |
| 14.0 | | 13.0 | 12.2 | 12.0 | 13.7 | 14.7 | 15.2 | 15.5 | 15.7 |
| 16.0 | | 9.4 | 8.6 | 8.4 | 10.0 | 10.9 | 11.5 | 11.7 | 11.9 |
| 18.0 | | | 5.9 | 5.7 | 7.2 | 8.1 | 8.7 | 8.9 | 9.1 |
| 20.0 | | | | | 5.1 | 6.0 | 6.5 | 6.8 | 7.0 |
| 22.0 | | | | | | 4.1 | 4.8 | 5.1 | 5.3 |
| Critical boom angle(°) | — | — | 35 | 39 | 49 | 55 | 59 | 62 | 65 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

KATO LIFTING CAPACITIES Operation of Boom, normal extension / retraction

Specification J1

Outriggers fully extended (9.4m) 360° full range, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 139.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 126.9 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 100.8 | 98.7 | 97.5 | 97.3 | 70.0 | | | | |
| 7.0 | 82.7 | 80.6 | 79.5 | 79.2 | 70.0 | 60.0 | | | |
| 8.0 | 69.4 | 67.4 | 66.3 | 66.0 | 68.5 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 59.3 | 57.3 | 56.2 | 55.9 | 58.4 | 59.7 | 47.0 | 38.0 | 32.0 |
| 10.0 | 51.3 | 49.3 | 48.2 | 48.0 | 50.3 | 51.7 | 47.0 | 38.0 | 32.0 |
| 11.0 | 44.9 | 42.8 | 41.8 | 41.5 | 43.9 | 45.2 | 46.0 | 38.0 | 32.0 |
| 12.0 | 39.6 | 37.5 | 36.5 | 36.2 | 38.5 | 39.8 | 40.6 | 38.0 | 32.0 |
| 14.0 | | 29.1 | 28.0 | 27.7 | 30.0 | 31.4 | 32.2 | 32.6 | 32.0 |
| 16.0 | | 21.7 | 20.6 | 20.4 | 22.5 | 23.7 | 24.5 | 24.8 | 25.1 |
| 18.0 | | | 15.5 | 15.3 | 17.2 | 18.4 | 19.1 | 19.4 | 19.7 |
| 20.0 | | | 11.7 | 11.5 | 13.4 | 14.5 | 15.1 | 15.5 | 15.7 |
| 22.0 | | | | 8.2 | 10.4 | 11.5 | 12.1 | 12.4 | 12.6 |
| 24.0 | | | | | 7.7 | 9.1 | 9.7 | 10.0 | 10.2 |
| 26.0 | | | | | 5.3 | 6.7 | 7.5 | 7.9 | 8.2 |
| 28.0 | | | | | 3.5 | 4.8 | 5.5 | 5.9 | 6.2 |
| 30.0 | | | | | | 3.1 | 3.8 | 4.2 | 4.6 |
| 32.0 | | | | | | | | | 3.1 |
| Critical boom angle(°) | — | — | — | — | 10 | 38 | 45 | 50 | 52 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification J2

Outriggers intermediately extended (8.4m) over side, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 139.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 126.9 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 100.8 | 98.7 | 97.5 | 97.3 | 70.0 | | | | |
| 7.0 | 82.7 | 80.6 | 79.5 | 79.2 | 70.0 | 60.0 | | | |
| 8.0 | 69.4 | 67.4 | 66.3 | 66.0 | 68.5 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 59.3 | 57.3 | 56.2 | 55.9 | 58.4 | 59.3 | 47.0 | 38.0 | 32.0 |
| 10.0 | 51.3 | 48.9 | 47.6 | 47.4 | 50.1 | 49.7 | 47.0 | 38.0 | 32.0 |
| 11.0 | 42.0 | 39.8 | 38.6 | 38.3 | 40.9 | 42.3 | 41.6 | 38.0 | 32.0 |
| 12.0 | 35.1 | 33.0 | 31.9 | 31.6 | 34.0 | 35.4 | 36.0 | 35.1 | 32.0 |
| 14.0 | | 23.6 | 22.5 | 22.3 | 24.5 | 25.8 | 26.5 | 26.9 | 26.4 |
| 16.0 | | 17.4 | 16.4 | 16.2 | 18.2 | 19.4 | 20.1 | 20.5 | 20.7 |
| 18.0 | | | 12.1 | 11.9 | 13.8 | 14.9 | 15.6 | 15.9 | 16.1 |
| 20.0 | | | 8.5 | 8.2 | 10.4 | 11.5 | 12.2 | 12.5 | 12.7 |
| 22.0 | | | | 5.2 | 7.5 | 8.9 | 9.5 | 9.8 | 10.1 |
| 24.0 | | | | | 5.0 | 6.4 | 7.1 | 7.6 | 7.9 |
| 26.0 | | | | | 3.0 | 4.3 | 5.0 | 5.5 | 5.8 |
| 28.0 | | | | | | | 3.3 | 3.7 | 4.0 |
| Critical boom angle(°) | — | — | — | — | 30 | 47 | 50 | 54 | 58 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification J3

Outriggers intermediately extended (7.4m) over side, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 139.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 126.9 | 120.0 | 120.0 | 120.0 | 70.0 | | | | |
| 6.0 | 100.8 | 98.7 | 97.5 | 97.3 | 70.0 | | | | |
| 7.0 | 82.7 | 80.3 | 78.9 | 78.5 | 70.0 | 60.0 | | | |
| 8.0 | 61.1 | 58.8 | 57.5 | 57.2 | 60.0 | 57.7 | 47.0 | 38.0 | |
| 9.0 | 47.5 | 45.3 | 44.2 | 43.9 | 46.5 | 47.7 | 46.5 | 38.0 | 32.0 |
| 10.0 | 38.2 | 36.2 | 35.1 | 34.9 | 37.2 | 38.6 | 39.3 | 38.0 | 32.0 |
| 11.0 | 31.5 | 29.5 | 28.5 | 28.3 | 30.5 | 31.8 | 32.5 | 32.8 | 31.9 |
| 12.0 | 26.4 | 24.5 | 23.5 | 23.3 | 25.4 | 26.6 | 27.3 | 27.7 | 27.7 |
| 14.0 | | 17.4 | 16.4 | 16.2 | 18.2 | 19.3 | 20.0 | 20.3 | 20.6 |
| 16.0 | | 12.6 | 11.7 | 11.5 | 13.3 | 14.4 | 15.0 | 15.3 | 15.6 |
| 18.0 | | | 8.3 | 8.1 | 9.8 | 10.8 | 11.4 | 11.7 | 12.0 |
| 20.0 | | | | | 7.2 | 8.2 | 8.7 | 9.0 | 9.3 |
| 22.0 | | | | | 4.6 | 6.0 | 6.6 | 6.9 | 7.1 |
| 24.0 | | | | | | 3.8 | 4.5 | 5.0 | 5.3 |
| Critical boom angle(°) | — | — | 35 | 39 | 43 | 51 | 56 | 58 | 62 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification J4

Outriggers intermediately extended (6.4m) over side, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 139.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 126.9 | 120.0 | 118.3 | 115.0 | 70.0 | | | | |
| 6.0 | 88.8 | 86.0 | 84.1 | 82.1 | 70.0 | | | | |
| 7.0 | 62.4 | 60.1 | 58.8 | 58.5 | 59.6 | 55.8 | | | |
| 8.0 | 47.1 | 45.0 | 43.8 | 43.6 | 46.1 | 45.4 | 44.1 | 38.0 | |
| 9.0 | 37.1 | 35.1 | 34.0 | 33.8 | 36.1 | 37.4 | 36.8 | 35.6 | 32.0 |
| 10.0 | 30.0 | 28.1 | 27.1 | 26.9 | 29.1 | 30.3 | 31.1 | 30.2 | 29.3 |
| 11.0 | 24.7 | 22.9 | 22.0 | 21.8 | 23.8 | 25.0 | 25.7 | 25.8 | 25.2 |
| 12.0 | 20.7 | 18.9 | 18.0 | 17.8 | 19.8 | 20.9 | 21.6 | 21.9 | 21.7 |
| 14.0 | | 13.2 | 12.3 | 12.1 | 13.9 | 15.0 | 15.6 | 16.0 | 16.2 |
| 16.0 | | 9.2 | 8.4 | 8.2 | 9.9 | 10.9 | 11.6 | 11.9 | 12.1 |
| 18.0 | | | | | 7.0 | 8.0 | 8.6 | 8.9 | 9.1 |
| 20.0 | | | | | 4.1 | 5.5 | 6.3 | 6.6 | 6.8 |
| 22.0 | | | | | | 3.2 | | | |
| Critical boom angle(°) | — | — | 35 | 39 | 43 | 51 | 56 | 58 | 62 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification J5

Outriggers minimum extended (5.4m) over side, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 150.0 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 119.1 | 114.6 | 102.7 | 99.8 | | | | | |
| 5.0 | 90.9 | 88.3 | 85.4 | 83.2 | 70.0 | | | | |
| 6.0 | 60.2 | 58.0 | 56.8 | 56.5 | 57.8 | | | | |
| 7.0 | 43.7 | 41.8 | 40.7 | 40.5 | 42.8 | 42.7 | | | |
| 8.0 | 33.5 | 31.7 | 30.7 | 30.5 | 32.7 | 33.9 | 34.0 | 32.8 | |
| 9.0 | 26.5 | 24.8 | 23.9 | 23.7 | 25.7 | 26.9 | 27.6 | 27.4 | 26.5 |
| 10.0 | 21.5 | 19.8 | 19.0 | 18.8 | 20.7 | 21.8 | 22.4 | 22.7 | 22.4 |
| 11.0 | 17.6 | 16.1 | 15.2 | 15.0 | 16.8 | 17.9 | 18.5 | 18.8 | 19.0 |
| 12.0 | 14.7 | 13.1 | 12.3 | 12.1 | 13.8 | 14.8 | 15.5 | 15.8 | 16.0 |
| 14.0 | | 8.7 | 8.0 | 7.8 | 9.4 | 10.4 | 11.0 | 11.3 | 11.5 |
| 16.0 | | 5.7 | | | 6.4 | 7.3 | 7.8 | 8.1 | 8.3 |
| 18.0 | | | | | 3.6 | 5.0 | 5.5 | 5.8 | |
| Critical boom angle(°) | — | — | 50 | 52 | 53 | 61 | 65 | 68 | 71 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification K1

Outriggers fully extended (9.4m) 360° full range, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 146.8 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 130.4 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 114.1 | 111.9 | 110.8 | 110.5 | 70.0 | | | | |
| 6.0 | 90.2 | 88.2 | 87.1 | 86.8 | 70.0 | | | | |
| 7.0 | 73.8 | 71.7 | 70.6 | 70.4 | 70.0 | 60.0 | | | |
| 8.0 | 61.7 | 59.7 | 58.6 | 58.4 | 60.8 | 60.0 | 47.0 | 38.0 | |
| 9.0 | 52.5 | 50.5 | 49.4 | 49.2 | 51.6 | 52.9 | 47.0 | 38.0 | 32.0 |
| 10.0 | 45.2 | 43.2 | 42.2 | 41.9 | 44.3 | 45.6 | 45.3 | 38.0 | 32.0 |
| 11.0 | 39.3 | 37.3 | 36.0 | 35.7 | 38.4 | 38.9 | 38.2 | 37.1 | 32.0 |
| 12.0 | 32.7 | 30.4 | 29.2 | 28.9 | 31.5 | 33.0 | 32.7 | 31.8 | 31.0 |
| 14.0 | | 21.0 | 19.9 | 19.7 | 22.0 | 23.3 | 24.1 | 23.9 | 23.4 |
| 16.0 | | 15.1 | 14.0 | 13.8 | 15.9 | 17.1 | 17.9 | 18.2 | 18.0 |
| 18.0 | | | 9.7 | 9.4 | 11.6 | 12.8 | 13.5 | 13.8 | 13.9 |
| 20.0 | | | 6.0 | 5.7 | 8.2 | 9.6 | 10.2 | 10.6 | 10.8 |
| 22.0 | | | | | 5.3 | 6.7 | 7.5 | 8.0 | 8.2 |
| 24.0 | | | | | | 4.3 | 5.1 | 5.6 | 5.9 |
| 26.0 | | | | | | | 3.2 | 3.6 | 3.9 |
| Critical boom angle(°) | — | — | — | 28 | 42 | 50 | 52 | 57 | 62 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification K2

Outriggers intermediately extended (8.4m) over side, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 146.8 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 130.4 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 114.1 | 111.9 | 110.8 | 110.5 | 70.0 | | | | |
| 6.0 | 90.2 | 88.2 | 87.1 | 86.8 | 70.0 | | | | |
| 7.0 | 73.8 | 71.7 | 70.6 | 70.4 | 70.0 | 60.0 | | | |
| 8.0 | 61.7 | 59.7 | 58.6 | 58.4 | 58.6 | 55.1 | 47.0 | 38.0 | |
| 9.0 | 49.6 | 47.1 | 45.7 | 45.4 | 46.8 | 44.7 | 43.6 | 38.0 | 32.0 |
| 10.0 | 39.0 | 36.7 | 35.4 | 35.1 | 37.9 | 37.0 | 36.3 | 35.2 | 32.0 |
| 11.0 | 31.6 | 29.3 | 28.2 | 27.9 | 30.5 | 31.0 | 30.6 | 29.8 | 28.9 |
| 12.0 | 26.1 | 23.9 | 22.8 | 22.5 | 24.9 | 26.2 | 26.1 | 25.5 | 24.8 |
| 14.0 | | 16.4 | 15.3 | 15.1 | 17.3 | 18.5 | 19.2 | 18.9 | 18.5 |
| 16.0 | | 11.4 | 10.4 | 10.1 | 12.2 | 13.4 | 14.1 | 14.2 | 14.0 |
| 18.0 | | | 6.1 | 5.8 | 8.4 | 9.8 | 10.4 | 10.6 | 10.5 |
| 20.0 | | | | | 5.1 | 6.6 | 7.4 | 7.8 | 7.8 |
| 22.0 | | | | | | 4.0 | 4.8 | 5.3 | 5.6 |
| Critical boom angle(°) | — | — | 34 | 38 | 48 | 54 | 59 | 62 | 66 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification K3

Outriggers intermediately extended (7.4m) over side, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 146.8 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 130.4 | 120.0 | 120.0 | 120.0 | | | | | |
| 5.0 | 114.1 | 111.9 | 110.8 | 110.5 | 70.0 | | | | |
| 6.0 | 90.2 | 88.2 | 85.1 | 82.8 | 70.0 | | | | |
| 7.0 | 64.1 | 61.4 | 59.9 | 59.6 | 57.8 | 53.8 | | | |
| 8.0 | 46.6 | 44.2 | 43.0 | 42.7 | 45.2 | 42.8 | 41.6 | 38.0 | |
| 9.0 | 35.7 | 33.6 | 32.4 | 32.1 | 34.7 | 34.8 | 34.1 | 33.0 | 31.8 |
| 10.0 | 28.3 | 26.3 | 25.2 | 24.9 | 27.3 | 28.6 | 28.4 | 27.6 | 26.7 |
| 11.0 | 22.9 | 21.0 | 20.0 | 19.7 | 21.9 | 23.2 | 23.8 | 23.2 | 22.6 |
| 12.0 | 18.9 | 17.0 | 16.0 | 15.8 | 17.9 | 19.1 | 19.8 | 19.7 | 19.2 |
| 14.0 | | 11.3 | 10.4 | 10.2 | 12.1 | 13.2 | 13.9 | 14.2 | 14.0 |
| 16.0 | | 7.5 | 6.3 | 6.1 | 8.2 | 9.3 | 9.9 | 10.2 | 10.2 |
| 18.0 | | | | | 5.0 | 6.5 | 7.1 | 7.3 | 7.3 |
| 20.0 | | | | | | | 4.5 | | |
| Critical boom angle(°) | — | — | 43 | 46 | 53 | 60 | 63 | 67 | 70 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification K4

Outriggers intermediately extended (6.4m) over side, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 146.8 | 120.0 | 120.0 | 120.0 | | | | | |
| 4.5 | 130.4 | 120.0 | 110.0 | 106.5 | | | | | |
| 5.0 | 111.7 | 99.7 | 88.6 | 86.0 | 70.0 | | | | |
| 6.0 | 67.8 | 65.0 | 61.8 | 60.1 | 56.9 | | | | |
| 7.0 | 47.0 | 44.6 | 43.3 | 43.1 | 43.3 | 40.7 | | | |
| 8.0 | 34.9 | 32.7 | 31.6 | 31.3 | 33.9 | 32.4 | 31.7 | 30.5 | |
| 9.0 | 26.9 | 25.0 | 23.9 | 23.7 | 26.0 | 26.2 | 25.9 | 25.0 | 24.2 |
| 10.0 | 21.3 | 19.5 | 18.5 | 18.2 | 20.4 | 21.5 | 21.3 | 20.8 | 20.1 |
| 11.0 | 17.2 | 15.4 | 14.4 | 14.2 | 16.3 | 17.5 | 17.7 | 17.3 | 16.8 |
| 12.0 | 14.0 | 12.3 | 11.3 | 11.1 | 13.1 | 14.2 | 14.7 | 14.4 | 14.1 |
| 14.0 | | 7.7 | 6.6 | 6.4 | 8.5 | 9.6 | 10.1 | 10.0 | 9.8 |
| 16.0 | | | | | 4.9 | 6.3 | 6.7 | 6.7 | |
| Critical boom angle(°) | — | 35 | 50 | 52 | 57 | 65 | 68 | 71 | 74 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification K5

Outriggers minimum extended (5.4m) over side, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 23.6m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 45.0m Boom | 50.0m Boom | 55.0m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | | | | |
| 3.5 | 150.0 | 120.0 | | | | | | | |
| 4.0 | 129.2 | 107.0 | 93.6 | 90.5 | | | | | |
| 4.5 | 90.4 | 84.7 | 74.9 | 72.6 | | | | | |
| 5.0 | 68.4 | 65.8 | 61.6 | 59.8 | 55.7 | | | | |
| 6.0 | 44.5 | 42.3 | 41.1 | 40.8 | 41.0 | | | | |
| 7.0 | 31.7 | 29.8 | 28.7 | 28.5 | 30.8 | 29.7 | | | |
| 8.0 | 23.7 | 21.9 | 21.0 | 20.7 | 22.9 | 23.4 | 23.1 | 22.2 | |
| 9.0 | 18.3 | 16.6 | 15.7 | 15.5 | 17.5 | 18.6 | 18.6 | 18.0 | 17.4 |
| 10.0 | 14.4 | 12.8 | 11.9 | 11.7 | 13.6 | 14.7 | 15.0 | 14.7 | 14.2 |
| 11.0 | 11.4 | 9.8 | 9.0 | 8.8 | 10.6 | 11.7 | 12.2 | 11.9 | 11.6 |
| 12.0 | 9.1 | 7.5 | 6.7 | 6.5 | 8.3 | 9.3 | 9.8 | 9.6 | 9.4 |
| Critical boom angle(°) | — | 47 | 56 | 58 | 64 | 70 | 73 | 76 | 77 |
| Standard hook | for 150ton | for 150ton | for 150ton | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.90 | 1.90 | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 12 | 12 | 12 | 7 | 6 | 4 | 4 | 4 |

(Unit : Metric ton)

Specification TA1

Outriggers fully extended (9.4m) 360° full range, with 105ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 150.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 144.9 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 126.4 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 111.8 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 99.8 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 89.9 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 81.6 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 12.0 | 72.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 64.5 | 65.1 | 53.8 | 35.0 | 32.0 |
| 16.0 | | 55.5 | 56.2 | 47.4 | 35.0 | 28.7 |
| 18.0 | | | 49.1 | 42.1 | 32.1 | 25.3 |
| 20.0 | | | 43.3 | 37.7 | 28.7 | 22.5 |
| 22.0 | | | 35.3 | 34.0 | 25.7 | 20.2 |
| 24.0 | | | | 30.9 | 23.2 | 18.2 |
| 26.0 | | | | 28.3 | 21.0 | 16.5 |
| 28.0 | | | | 26.0 | 19.1 | 15.0 |
| 30.0 | | | | | 17.5 | 13.7 |
| 32.0 | | | | | 16.1 | 12.6 |
| 34.0 | | | | | 14.8 | 11.6 |
| 36.0 | | | | | 13.6 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.6 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TA2

Outriggers intermediately extended (8.4m) over side, with 105ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 150.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 144.9 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 126.4 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 111.8 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 99.8 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 89.9 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 81.6 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 12.0 | 72.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 64.5 | 65.1 | 53.8 | 35.0 | 32.0 |
| 16.0 | | 55.5 | 56.2 | 47.4 | 35.0 | 28.7 |
| 18.0 | | | 49.1 | 42.1 | 32.1 | 25.3 |
| 20.0 | | | 43.3 | 37.7 | 28.7 | 22.5 |
| 22.0 | | | 35.3 | 34.0 | 25.7 | 20.2 |
| 24.0 | | | | 30.9 | 23.2 | 18.2 |
| 26.0 | | | | 28.3 | 21.0 | 16.5 |
| 28.0 | | | | 26.0 | 19.1 | 15.0 |
| 30.0 | | | | | 17.5 | 13.7 |
| 32.0 | | | | | 16.1 | 12.6 |
| 34.0 | | | | | 14.8 | 11.6 |
| 36.0 | | | | | 13.6 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.6 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TB1

Outriggers fully extended (9.4m) 360° full range, with 93ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 150.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 140.6 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 122.6 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 108.3 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 96.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 87.1 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 79.0 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 12.0 | 72.1 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 62.3 | 63.0 | 53.8 | 35.0 | 32.0 |
| 16.0 | | 53.6 | 54.3 | 47.4 | 35.0 | 28.7 |
| 18.0 | | | 47.4 | 42.1 | 32.1 | 25.3 |
| 20.0 | | | 41.3 | 37.7 | 28.7 | 22.5 |
| 22.0 | | | 35.3 | 34.0 | 25.7 | 20.2 |
| 24.0 | | | | 30.9 | 23.2 | 18.2 |
| 26.0 | | | | 28.3 | 21.0 | 16.5 |
| 28.0 | | | | 25.9 | 19.1 | 15.0 |
| 30.0 | | | | | 17.5 | 13.7 |
| 32.0 | | | | | 16.1 | 12.6 |
| 34.0 | | | | | 14.8 | 11.6 |
| 36.0 | | | | | 13.6 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.6 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TB2

Outriggers intermediately extended (8.4m) over side, with 93ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 150.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 140.6 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 122.6 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 108.3 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 96.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 87.1 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 79.0 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 12.0 | 72.1 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 62.3 | 63.0 | 53.8 | 35.0 | 32.0 |
| 16.0 | | 53.6 | 54.3 | 47.4 | 35.0 | 28.7 |
| 18.0 | | | 47.4 | 42.1 | 32.1 | 25.3 |
| 20.0 | | | 41.3 | 37.7 | 28.7 | 22.5 |
| 22.0 | | | 35.3 | 34.0 | 25.7 | 20.2 |
| 24.0 | | | | 30.9 | 23.2 | 18.2 |
| 26.0 | | | | 28.3 | 21.0 | 16.5 |
| 28.0 | | | | 25.9 | 19.1 | 15.0 |
| 30.0 | | | | | 17.5 | 13.7 |
| 32.0 | | | | | 16.1 | 12.6 |
| 34.0 | | | | | 14.8 | 11.6 |
| 36.0 | | | | | 13.6 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.6 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TC1

Outriggers fully extended (9.4m) 360° full range, with 81ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 150.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 136.3 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 118.8 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 104.9 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 93.6 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 84.2 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 76.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 12.0 | 69.6 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 60.2 | 60.8 | 53.8 | 35.0 | 32.0 |
| 16.0 | | 50.8 | 51.6 | 47.4 | 35.0 | 28.7 |
| 18.0 | | | 44.1 | 42.1 | 32.1 | 25.3 |
| 20.0 | | | 38.2 | 37.7 | 28.7 | 22.5 |
| 22.0 | | | 33.4 | 33.9 | 25.7 | 20.2 |
| 24.0 | | | | 29.9 | 23.2 | 18.2 |
| 26.0 | | | | 26.6 | 21.0 | 16.5 |
| 28.0 | | | | 23.7 | 19.1 | 15.0 |
| 30.0 | | | | | 17.5 | 13.7 |
| 32.0 | | | | | 16.1 | 12.6 |
| 34.0 | | | | | 14.8 | 11.6 |
| 36.0 | | | | | 13.6 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.6 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TC2

Outriggers intermediately extended (8.4m) over side, with 81ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 150.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 136.3 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 118.8 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 104.9 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 93.6 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 84.2 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 76.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 12.0 | 69.6 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 60.2 | 60.8 | 53.8 | 35.0 | 32.0 |
| 16.0 | | 50.8 | 51.6 | 47.4 | 35.0 | 28.7 |
| 18.0 | | | 44.1 | 42.1 | 32.1 | 25.3 |
| 20.0 | | | 38.2 | 37.7 | 28.7 | 22.5 |
| 22.0 | | | 33.4 | 33.9 | 25.7 | 20.2 |
| 24.0 | | | | 29.9 | 23.2 | 18.2 |
| 26.0 | | | | 26.6 | 21.0 | 16.5 |
| 28.0 | | | | 23.7 | 19.1 | 15.0 |
| 30.0 | | | | | 17.5 | 13.7 |
| 32.0 | | | | | 16.1 | 12.6 |
| 34.0 | | | | | 14.8 | 11.6 |
| 36.0 | | | | | 13.6 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.6 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TD1

Outriggers fully extended (9.4m) 360° full range, with 69ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 150.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 132.0 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 115.0 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 101.5 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 90.5 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 81.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 73.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 12.0 | 66.6 | 68.3 | 69.2 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 56.0 | 56.8 | 53.8 | 35.0 | 32.0 |
| 16.0 | | 46.9 | 47.7 | 47.4 | 35.0 | 28.7 |
| 18.0 | | | 40.6 | 41.3 | 32.1 | 25.3 |
| 20.0 | | | 35.1 | 35.7 | 28.7 | 22.5 |
| 22.0 | | | 30.6 | 31.1 | 25.7 | 20.2 |
| 24.0 | | | | 27.4 | 23.2 | 18.2 |
| 26.0 | | | | 24.2 | 21.0 | 16.5 |
| 28.0 | | | | 21.6 | 19.1 | 15.0 |
| 30.0 | | | | | 17.5 | 13.7 |
| 32.0 | | | | | 16.1 | 12.6 |
| 34.0 | | | | | 14.8 | 11.6 |
| 36.0 | | | | | 13.6 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.6 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TD2

Outriggers intermediately extended (8.4m) over side, with 69ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 150.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 132.0 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 115.0 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 101.5 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 90.5 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 81.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 73.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 12.0 | 66.6 | 68.3 | 69.2 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 56.0 | 56.8 | 53.8 | 35.0 | 32.0 |
| 16.0 | | 46.9 | 47.7 | 47.4 | 35.0 | 28.7 |
| 18.0 | | | 40.6 | 41.3 | 32.1 | 25.3 |
| 20.0 | | | 35.1 | 35.7 | 28.7 | 22.5 |
| 22.0 | | | 30.6 | 31.1 | 25.7 | 20.2 |
| 24.0 | | | | 27.4 | 23.2 | 18.2 |
| 26.0 | | | | 24.2 | 21.0 | 16.5 |
| 28.0 | | | | 21.6 | 19.1 | 15.0 |
| 30.0 | | | | | 17.5 | 13.7 |
| 32.0 | | | | | 16.1 | 12.6 |
| 34.0 | | | | | 14.8 | 11.6 |
| 36.0 | | | | | 13.6 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.6 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TD3

Outriggers intermediately extended (7.4m) over side, with 69ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 150.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 132.0 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 115.0 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 101.5 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 90.5 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 81.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 73.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 12.0 | 66.3 | 67.9 | 68.7 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 52.8 | 53.5 | 53.8 | 35.0 | 32.0 |
| 16.0 | | 42.6 | 43.3 | 43.8 | 35.0 | 28.7 |
| 18.0 | | | 35.9 | 36.4 | 32.1 | 25.3 |
| 20.0 | | | 30.4 | 30.9 | 28.7 | 22.5 |
| 22.0 | | | 26.1 | 26.5 | 25.7 | 20.2 |
| 24.0 | | | | 23.1 | 23.2 | 18.2 |
| 26.0 | | | | 20.2 | 20.5 | 16.5 |
| 28.0 | | | | 17.9 | 18.2 | 15.0 |
| 30.0 | | | | | 16.1 | 13.7 |
| 32.0 | | | | | 14.4 | 12.6 |
| 34.0 | | | | | 12.9 | 11.6 |
| 36.0 | | | | | 11.6 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.6 |
| Critical boom angle°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TE1

Outriggers fully extended (9.4m) 360° full range, with 51ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 146.7 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 125.5 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 109.3 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 96.3 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 85.1 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 74.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 65.8 | 67.6 | 68.5 | 60.0 | 35.0 | 32.0 |
| 12.0 | 58.7 | 60.4 | 61.3 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 49.3 | 50.1 | 50.8 | 35.0 | 32.0 |
| 16.0 | | 41.0 | 41.8 | 42.5 | 35.0 | 28.7 |
| 18.0 | | | 35.5 | 36.1 | 32.1 | 25.3 |
| 20.0 | | | 30.4 | 31.0 | 28.7 | 22.5 |
| 22.0 | | | 26.4 | 26.9 | 25.7 | 20.2 |
| 24.0 | | | | 23.5 | 23.2 | 18.2 |
| 26.0 | | | | 20.7 | 21.0 | 16.5 |
| 28.0 | | | | 18.3 | 18.6 | 15.0 |
| 30.0 | | | | | 16.5 | 13.7 |
| 32.0 | | | | | 14.7 | 12.6 |
| 34.0 | | | | | 13.1 | 11.6 |
| 36.0 | | | | | 11.7 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 9.2 |
| 42.0 | | | | | | 8.3 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TE2

Outriggers intermediately extended (8.4m) over side, with 51ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 146.7 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 125.5 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 109.3 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 96.3 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 85.1 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 74.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 65.8 | 67.6 | 68.5 | 60.0 | 35.0 | 32.0 |
| 12.0 | 58.7 | 60.4 | 61.3 | 60.0 | 35.0 | 32.0 |
| 14.0 | | 49.3 | 50.1 | 50.8 | 35.0 | 32.0 |
| 16.0 | | 41.0 | 41.8 | 42.5 | 35.0 | 28.7 |
| 18.0 | | | 35.5 | 36.1 | 32.1 | 25.3 |
| 20.0 | | | 30.3 | 30.8 | 28.7 | 22.5 |
| 22.0 | | | 25.8 | 26.3 | 25.7 | 20.2 |
| 24.0 | | | | 22.7 | 23.1 | 18.2 |
| 26.0 | | | | 19.8 | 20.1 | 16.5 |
| 28.0 | | | | 17.4 | 17.7 | 15.0 |
| 30.0 | | | | | 15.6 | 13.7 |
| 32.0 | | | | | 13.8 | 12.6 |
| 34.0 | | | | | 12.3 | 11.6 |
| 36.0 | | | | | 11.0 | 10.7 |
| 38.0 | | | | | | 9.9 |
| 40.0 | | | | | | 8.9 |
| 42.0 | | | | | | 8.0 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TE3

Outriggers intermediately extended (7.4m) over side, with 51ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 146.7 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 125.5 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 109.3 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 96.3 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 85.1 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 74.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 63.3 | 65.0 | 65.8 | 60.0 | 35.0 | 32.0 |
| 12.0 | 54.4 | 56.0 | 56.8 | 57.4 | 35.0 | 32.0 |
| 14.0 | | 43.2 | 43.9 | 44.5 | 35.0 | 32.0 |
| 16.0 | | 34.6 | 35.2 | 35.8 | 35.0 | 28.7 |
| 18.0 | | | 29.0 | 29.5 | 30.0 | 25.3 |
| 20.0 | | | 24.3 | 24.8 | 25.2 | 22.5 |
| 22.0 | | | 20.7 | 21.1 | 21.5 | 20.2 |
| 24.0 | | | | 18.2 | 18.5 | 18.2 |
| 26.0 | | | | 15.8 | 16.1 | 16.2 |
| 28.0 | | | | 13.8 | 14.1 | 14.2 |
| 30.0 | | | | | 12.4 | 12.4 |
| 32.0 | | | | | 10.9 | 11.0 |
| 34.0 | | | | | 9.6 | 9.7 |
| 36.0 | | | | | 8.6 | 8.6 |
| 38.0 | | | | | | 7.6 |
| 40.0 | | | | | | 6.8 |
| 42.0 | | | | | | 6.0 |
| Critical boom angle°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TF1

Outriggers fully extended (9.4m) 360° full range, with 41ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 141.8 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 121.4 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 105.6 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 91.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 78.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 68.6 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 60.6 | 62.4 | 63.2 | 60.0 | 35.0 | 32.0 |
| 12.0 | 53.9 | 55.7 | 56.5 | 57.2 | 35.0 | 32.0 |
| 14.0 | | 45.2 | 46.0 | 46.7 | 35.0 | 32.0 |
| 16.0 | | 37.5 | 38.3 | 38.9 | 35.0 | 28.7 |
| 18.0 | | | 32.4 | 33.0 | 32.1 | 25.3 |
| 20.0 | | | 27.6 | 28.2 | 28.7 | 22.5 |
| 22.0 | | | 23.8 | 24.4 | 24.8 | 20.2 |
| 24.0 | | | | 21.2 | 21.6 | 18.2 |
| 26.0 | | | | 18.5 | 18.9 | 16.5 |
| 28.0 | | | | 16.3 | 16.6 | 15.0 |
| 30.0 | | | | | 14.6 | 13.7 |
| 32.0 | | | | | 12.9 | 12.6 |
| 34.0 | | | | | 11.4 | 11.5 |
| 36.0 | | | | | 10.1 | 10.1 |
| 38.0 | | | | | | 9.0 |
| 40.0 | | | | | | 7.9 |
| 42.0 | | | | | | 7.0 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TF2

Outriggers intermediately extended (8.4m) over side, with 41ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 141.8 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 121.4 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 105.6 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 91.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 78.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 68.6 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 11.0 | 60.6 | 62.4 | 63.2 | 60.0 | 35.0 | 32.0 |
| 12.0 | 53.9 | 55.7 | 56.5 | 57.2 | 35.0 | 32.0 |
| 14.0 | | 45.2 | 46.0 | 46.7 | 35.0 | 32.0 |
| 16.0 | | 37.5 | 38.3 | 38.9 | 35.0 | 28.7 |
| 18.0 | | | 31.3 | 31.9 | 32.1 | 25.3 |
| 20.0 | | | 26.1 | 26.7 | 27.1 | 22.5 |
| 22.0 | | | 22.1 | 22.6 | 23.0 | 20.2 |
| 24.0 | | | | 19.4 | 19.8 | 18.2 |
| 26.0 | | | | 16.8 | 17.1 | 16.5 |
| 28.0 | | | | 14.6 | 14.9 | 15.0 |
| 30.0 | | | | | 13.0 | 13.1 |
| 32.0 | | | | | 11.5 | 11.5 |
| 34.0 | | | | | 10.1 | 10.2 |
| 36.0 | | | | | 8.9 | 9.0 |
| 38.0 | | | | | | 7.9 |
| 40.0 | | | | | | 7.0 |
| 42.0 | | | | | | 6.0 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TF3

Outriggers intermediately extended (7.4m) over side, with 41ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 141.8 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 121.4 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 105.6 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 91.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 78.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 65.8 | 67.7 | 68.6 | 60.0 | 35.0 | 32.0 |
| 11.0 | 55.3 | 57.1 | 57.9 | 58.6 | 35.0 | 32.0 |
| 12.0 | 47.4 | 49.0 | 49.8 | 50.4 | 35.0 | 32.0 |
| 14.0 | | 37.6 | 38.3 | 38.9 | 35.0 | 32.0 |
| 16.0 | | 29.9 | 30.5 | 31.1 | 31.5 | 28.7 |
| 18.0 | | | 25.0 | 25.5 | 25.9 | 25.3 |
| 20.0 | | | 20.8 | 21.3 | 21.7 | 21.8 |
| 22.0 | | | 17.5 | 18.0 | 18.3 | 18.4 |
| 24.0 | | | | 15.3 | 15.7 | 15.8 |
| 26.0 | | | | 13.2 | 13.5 | 13.6 |
| 28.0 | | | | 11.4 | 11.7 | 11.8 |
| 30.0 | | | | | 10.2 | 10.2 |
| 32.0 | | | | | 8.9 | 8.9 |
| 34.0 | | | | | 7.7 | 7.8 |
| 36.0 | | | | | 6.8 | 6.8 |
| 38.0 | | | | | | 5.9 |
| 40.0 | | | | | | 5.2 |
| 42.0 | | | | | | 4.3 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TF4

Outriggers intermediately extended (6.4m) over side, with 41ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 150.0 | 70.0 | 70.0 | | | |
| 5.0 | 141.8 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 121.4 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 105.6 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 81.3 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 65.4 | 67.3 | 68.1 | 60.0 | 35.0 | 32.0 |
| 10.0 | 54.1 | 55.9 | 56.7 | 57.4 | 35.0 | 32.0 |
| 11.0 | 45.8 | 47.4 | 48.2 | 48.8 | 35.0 | 32.0 |
| 12.0 | 39.4 | 40.9 | 41.6 | 42.3 | 35.0 | 32.0 |
| 14.0 | | 31.5 | 32.2 | 32.7 | 33.2 | 32.0 |
| 16.0 | | 25.0 | 25.7 | 26.2 | 26.7 | 26.8 |
| 18.0 | | | 21.0 | 21.5 | 21.9 | 22.0 |
| 20.0 | | | 17.4 | 17.8 | 18.2 | 18.3 |
| 22.0 | | | 14.6 | 15.0 | 15.4 | 15.5 |
| 24.0 | | | | 12.7 | 13.1 | 13.1 |
| 26.0 | | | | 10.8 | 11.2 | 11.2 |
| 28.0 | | | | 9.3 | 9.6 | 9.6 |
| 30.0 | | | | | 8.2 | 8.3 |
| 32.0 | | | | | 7.1 | 7.1 |
| 34.0 | | | | | 6.1 | 6.1 |
| 36.0 | | | | | 5.2 | 5.3 |
| 38.0 | | | | | | 4.3 |
| 40.0 | | | | | | 3.4 |
| Critical boom angle(°) | — | — | — | — | — | 21 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TG1

Outriggers fully extended (9.4m) 360° full range, with 31ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 149.3 | 70.0 | 70.0 | | | |
| 5.0 | 137.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 117.2 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 99.5 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 84.0 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 72.2 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 62.9 | 64.8 | 65.6 | 60.0 | 35.0 | 32.0 |
| 11.0 | 55.3 | 57.2 | 58.0 | 58.7 | 35.0 | 32.0 |
| 12.0 | 49.1 | 50.9 | 51.7 | 52.4 | 35.0 | 32.0 |
| 14.0 | | 41.1 | 42.0 | 42.6 | 35.0 | 32.0 |
| 16.0 | | 33.9 | 34.7 | 35.4 | 35.0 | 28.7 |
| 18.0 | | | 29.2 | 29.8 | 30.4 | 25.3 |
| 20.0 | | | 24.8 | 25.4 | 25.9 | 22.5 |
| 22.0 | | | 21.3 | 21.8 | 22.3 | 20.2 |
| 24.0 | | | | 18.8 | 19.3 | 18.2 |
| 26.0 | | | | 16.2 | 16.6 | 16.5 |
| 28.0 | | | | 14.1 | 14.4 | 14.5 |
| 30.0 | | | | | 12.5 | 12.6 |
| 32.0 | | | | | 11.0 | 11.0 |
| 34.0 | | | | | 9.6 | 9.7 |
| 36.0 | | | | | 8.5 | 8.5 |
| 38.0 | | | | | | 7.5 |
| 40.0 | | | | | | 6.4 |
| 42.0 | | | | | | 5.5 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TG2

Outriggers intermediately extended (8.4m) over side, with 31ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 149.3 | 70.0 | 70.0 | | | |
| 5.0 | 137.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 117.2 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 99.5 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 84.0 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 72.2 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 62.9 | 64.8 | 65.6 | 60.0 | 35.0 | 32.0 |
| 11.0 | 55.3 | 57.2 | 58.0 | 58.7 | 35.0 | 32.0 |
| 12.0 | 49.1 | 50.9 | 51.7 | 52.4 | 35.0 | 32.0 |
| 14.0 | | 40.7 | 41.5 | 42.2 | 35.0 | 32.0 |
| 16.0 | | 32.0 | 32.8 | 33.4 | 33.9 | 28.7 |
| 18.0 | | | 26.6 | 27.1 | 27.6 | 25.3 |
| 20.0 | | | 22.0 | 22.5 | 23.0 | 22.5 |
| 22.0 | | | 18.4 | 18.9 | 19.3 | 19.4 |
| 24.0 | | | | 16.1 | 16.4 | 16.5 |
| 26.0 | | | | 13.7 | 14.1 | 14.2 |
| 28.0 | | | | 11.8 | 12.1 | 12.2 |
| 30.0 | | | | | 10.5 | 10.6 |
| 32.0 | | | | | 9.1 | 9.2 |
| 34.0 | | | | | 7.9 | 8.0 |
| 36.0 | | | | | 6.8 | 6.8 |
| 38.0 | | | | | | 5.7 |
| 40.0 | | | | | | 4.7 |
| 42.0 | | | | | | 3.9 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TG3

Outriggers intermediately extended (7.4m) over side, with 31ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 149.3 | 70.0 | 70.0 | | | |
| 5.0 | 137.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 117.2 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 99.5 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 84.0 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 69.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 10.0 | 56.6 | 58.5 | 59.4 | 60.0 | 35.0 | 32.0 |
| 11.0 | 47.4 | 49.1 | 49.9 | 50.6 | 35.0 | 32.0 |
| 12.0 | 40.4 | 42.0 | 42.8 | 43.4 | 35.0 | 32.0 |
| 14.0 | | 31.9 | 32.6 | 33.2 | 33.7 | 32.0 |
| 16.0 | | 25.1 | 25.8 | 26.4 | 26.8 | 26.9 |
| 18.0 | | | 20.9 | 21.4 | 21.9 | 21.9 |
| 20.0 | | | 17.2 | 17.7 | 18.1 | 18.2 |
| 22.0 | | | 14.4 | 14.8 | 15.2 | 15.3 |
| 24.0 | | | | 12.5 | 12.8 | 12.9 |
| 26.0 | | | | 10.6 | 10.9 | 11.0 |
| 28.0 | | | | 9.0 | 9.3 | 9.4 |
| 30.0 | | | | | 8.0 | 8.0 |
| 32.0 | | | | | 6.8 | 6.9 |
| 34.0 | | | | | 5.8 | 5.9 |
| 36.0 | | | | | 4.9 | 4.9 |
| 38.0 | | | | | | 3.9 |
| 40.0 | | | | | | 3.1 |
| Critical boom angle°) | — | — | — | — | — | 21 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TG4

Outriggers intermediately extended (6.4m) over side, with 31ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 149.3 | 70.0 | 70.0 | | | |
| 5.0 | 137.0 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 117.2 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 91.2 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 69.9 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 55.9 | 57.8 | 58.7 | 59.4 | 35.0 | 32.0 |
| 10.0 | 46.0 | 47.8 | 48.6 | 49.3 | 35.0 | 32.0 |
| 11.0 | 38.7 | 40.4 | 41.2 | 41.8 | 35.0 | 32.0 |
| 12.0 | 33.1 | 34.7 | 35.4 | 36.0 | 35.0 | 32.0 |
| 14.0 | | 26.4 | 27.1 | 27.7 | 28.2 | 28.3 |
| 16.0 | | 20.8 | 21.4 | 21.9 | 22.4 | 22.5 |
| 18.0 | | | 17.3 | 17.8 | 18.2 | 18.3 |
| 20.0 | | | 14.1 | 14.6 | 15.0 | 15.1 |
| 22.0 | | | 11.7 | 12.1 | 12.5 | 12.5 |
| 24.0 | | | | 10.1 | 10.4 | 10.5 |
| 26.0 | | | | 8.4 | 8.8 | 8.8 |
| 28.0 | | | | 7.1 | 7.4 | 7.4 |
| 30.0 | | | | | 6.2 | 6.3 |
| 32.0 | | | | | 5.2 | 5.2 |
| 34.0 | | | | | 4.0 | 4.1 |
| 36.0 | | | | | 3.0 | 3.1 |
| Critical boom angle°) | — | — | — | — | 19 | 33 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TH1

Outriggers fully extended (9.4m) 360° full range, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 144.2 | 70.0 | 70.0 | | | |
| 5.0 | 132.2 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 110.7 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 91.1 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 76.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 65.7 | 67.7 | 68.6 | 60.0 | 35.0 | 32.0 |
| 10.0 | 57.1 | 59.0 | 59.8 | 60.0 | 35.0 | 32.0 |
| 11.0 | 50.1 | 51.9 | 52.8 | 53.5 | 35.0 | 32.0 |
| 12.0 | 44.3 | 46.1 | 46.9 | 47.7 | 35.0 | 32.0 |
| 14.0 | | 37.1 | 37.9 | 38.6 | 35.0 | 32.0 |
| 16.0 | | 30.4 | 31.2 | 31.9 | 32.4 | 28.7 |
| 18.0 | | | 25.9 | 26.5 | 27.0 | 25.3 |
| 20.0 | | | 21.2 | 21.7 | 22.2 | 22.3 |
| 22.0 | | | 17.7 | 18.1 | 18.6 | 18.7 |
| 24.0 | | | | 15.3 | 15.7 | 15.8 |
| 26.0 | | | | 13.0 | 13.4 | 13.4 |
| 28.0 | | | | 11.1 | 11.4 | 11.5 |
| 30.0 | | | | | 9.8 | 9.9 |
| 32.0 | | | | | 8.4 | 8.5 |
| 34.0 | | | | | 7.2 | 7.3 |
| 36.0 | | | | | 6.0 | 6.1 |
| 38.0 | | | | | | 5.0 |
| 40.0 | | | | | | 4.0 |
| 42.0 | | | | | | 3.2 |
| Critical boom angle(°) | — | — | — | — | — | — |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TH2

Outriggers intermediately extended (8.4m) over side, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 144.2 | 70.0 | 70.0 | | | |
| 5.0 | 132.2 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 110.7 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 91.1 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 76.7 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 65.7 | 67.7 | 68.6 | 60.0 | 35.0 | 32.0 |
| 10.0 | 57.1 | 59.0 | 59.8 | 60.0 | 35.0 | 32.0 |
| 11.0 | 50.1 | 51.9 | 52.8 | 53.5 | 35.0 | 32.0 |
| 12.0 | 43.6 | 45.4 | 46.3 | 47.1 | 35.0 | 32.0 |
| 14.0 | | 34.0 | 34.8 | 35.5 | 35.0 | 32.0 |
| 16.0 | | 26.4 | 27.2 | 27.8 | 28.3 | 28.5 |
| 18.0 | | | 21.8 | 22.4 | 22.9 | 23.0 |
| 20.0 | | | 17.8 | 18.3 | 18.8 | 18.9 |
| 22.0 | | | 14.8 | 15.2 | 15.6 | 15.7 |
| 24.0 | | | | 12.7 | 13.1 | 13.2 |
| 26.0 | | | | 10.7 | 11.1 | 11.2 |
| 28.0 | | | | 9.1 | 9.4 | 9.5 |
| 30.0 | | | | | 7.9 | 8.0 |
| 32.0 | | | | | 6.6 | 6.7 |
| 34.0 | | | | | 5.3 | 5.4 |
| 36.0 | | | | | 4.2 | 4.3 |
| 38.0 | | | | | | 3.3 |
| Critical boom angle(°) | — | — | — | — | — | 27 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TH3

Outriggers intermediately extended (7.4m) over side, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 144.2 | 70.0 | 70.0 | | | |
| 5.0 | 132.2 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 110.7 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 91.1 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 74.6 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 58.4 | 60.5 | 61.4 | 60.0 | 35.0 | 32.0 |
| 10.0 | 47.4 | 49.3 | 50.2 | 50.9 | 35.0 | 32.0 |
| 11.0 | 39.4 | 41.2 | 42.0 | 42.7 | 35.0 | 32.0 |
| 12.0 | 33.4 | 35.0 | 35.8 | 36.4 | 35.0 | 32.0 |
| 14.0 | | 26.3 | 27.0 | 27.6 | 28.1 | 28.2 |
| 16.0 | | 20.4 | 21.1 | 21.6 | 22.1 | 22.2 |
| 18.0 | | | 16.8 | 17.4 | 17.8 | 17.9 |
| 20.0 | | | 13.7 | 14.1 | 14.5 | 14.6 |
| 22.0 | | | 11.2 | 11.6 | 12.0 | 12.1 |
| 24.0 | | | | 9.6 | 10.0 | 10.1 |
| 26.0 | | | | 8.0 | 8.3 | 8.4 |
| 28.0 | | | | 6.6 | 6.9 | 7.0 |
| 30.0 | | | | | 5.8 | 5.8 |
| 32.0 | | | | | 4.6 | 4.7 |
| 34.0 | | | | | 3.5 | 3.6 |
| Critical boom angle(°) | — | — | — | — | 27 | 37 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TH4

Outriggers intermediately extended (6.4m) over side, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 144.2 | 70.0 | 70.0 | | | |
| 5.0 | 132.2 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 108.3 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 76.8 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 58.5 | 60.6 | 61.5 | 60.0 | 35.0 | 32.0 |
| 9.0 | 46.5 | 48.4 | 49.2 | 50.0 | 35.0 | 32.0 |
| 10.0 | 38.0 | 39.8 | 40.6 | 41.3 | 35.0 | 32.0 |
| 11.0 | 31.8 | 33.4 | 34.2 | 34.8 | 35.0 | 32.0 |
| 12.0 | 26.9 | 28.5 | 29.2 | 29.8 | 30.3 | 30.5 |
| 14.0 | | 21.4 | 22.0 | 22.6 | 23.1 | 23.2 |
| 16.0 | | 16.5 | 17.1 | 17.7 | 18.1 | 18.2 |
| 18.0 | | | 13.6 | 14.1 | 14.5 | 14.6 |
| 20.0 | | | 10.9 | 11.3 | 11.7 | 11.8 |
| 22.0 | | | 8.8 | 9.2 | 9.6 | 9.6 |
| 24.0 | | | | 7.5 | 7.8 | 7.9 |
| 26.0 | | | | 6.1 | 6.4 | 6.4 |
| 28.0 | | | | 4.7 | 5.1 | 5.2 |
| 30.0 | | | | | 3.8 | 3.9 |
| Critical boom angle(°) | — | — | — | — | 38 | 45 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TH5

Outriggers minimum extended (5.4m) over side, with 21ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|-------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 144.2 | 70.0 | 70.0 | | | |
| 5.0 | 111.8 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 74.8 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 54.9 | 56.9 | 57.7 | 58.5 | 35.0 | |
| 8.0 | 42.6 | 44.4 | 45.1 | 45.8 | 35.0 | 32.0 |
| 9.0 | 34.2 | 35.8 | 36.5 | 37.2 | 35.0 | 32.0 |
| 10.0 | 28.1 | 29.6 | 30.3 | 30.9 | 31.4 | 31.5 |
| 11.0 | 23.4 | 24.9 | 25.6 | 26.1 | 26.6 | 26.7 |
| 12.0 | 19.8 | 21.2 | 21.9 | 22.4 | 22.9 | 23.0 |
| 14.0 | | 15.8 | 16.4 | 16.9 | 17.4 | 17.5 |
| 16.0 | | 12.0 | 12.6 | 13.1 | 13.5 | 13.6 |
| 18.0 | | | 9.8 | 10.3 | 10.7 | 10.8 |
| 20.0 | | | 7.7 | 8.1 | 8.5 | 8.6 |
| 22.0 | | | 6.1 | 6.4 | 6.8 | 6.9 |
| 24.0 | | | | 5.1 | 5.4 | 5.5 |
| 26.0 | | | | 3.8 | 4.2 | 4.3 |
| 28.0 | | | | | | 3.1 |
| Critical boom angle(°) | — | — | — | 30 | 47 | 49 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TJ1

Outriggers fully extended (9.4m) 360° full range, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 139.0 | 70.0 | 70.0 | | | |
| 5.0 | 126.9 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 100.8 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 82.7 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 69.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 59.3 | 61.2 | 62.1 | 60.0 | 35.0 | 32.0 |
| 10.0 | 51.3 | 53.2 | 54.1 | 54.8 | 35.0 | 32.0 |
| 11.0 | 44.9 | 46.7 | 47.6 | 48.3 | 35.0 | 32.0 |
| 12.0 | 39.6 | 41.3 | 42.2 | 42.9 | 35.0 | 32.0 |
| 14.0 | | 33.0 | 33.8 | 34.5 | 35.0 | 32.0 |
| 16.0 | | 25.3 | 26.1 | 26.7 | 27.3 | 27.4 |
| 18.0 | | | 20.6 | 21.2 | 21.7 | 21.9 |
| 20.0 | | | 16.7 | 17.2 | 17.7 | 17.8 |
| 22.0 | | | 13.7 | 14.1 | 14.6 | 14.7 |
| 24.0 | | | | 11.7 | 12.1 | 12.2 |
| 26.0 | | | | 9.7 | 10.1 | 10.2 |
| 28.0 | | | | 8.1 | 8.4 | 8.5 |
| 30.0 | | | | | 7.0 | 7.1 |
| 32.0 | | | | | 5.6 | 5.7 |
| 34.0 | | | | | 4.4 | 4.4 |
| 36.0 | | | | | 3.3 | 3.4 |
| Critical boom angle(°) | — | — | — | — | 15 | 33 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TJ2

Outriggers intermediately extended (8.4m) over side, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 139.0 | 70.0 | 70.0 | | | |
| 5.0 | 126.9 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 100.8 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 82.7 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 69.4 | 70.0 | 70.0 | 60.0 | 35.0 | 32.0 |
| 9.0 | 59.3 | 61.2 | 62.1 | 60.0 | 35.0 | 32.0 |
| 10.0 | 51.3 | 53.2 | 54.1 | 54.8 | 35.0 | 32.0 |
| 11.0 | 42.0 | 44.0 | 45.0 | 45.8 | 35.0 | 32.0 |
| 12.0 | 35.1 | 37.0 | 37.9 | 38.6 | 35.0 | 32.0 |
| 14.0 | | 27.3 | 28.1 | 28.8 | 29.3 | 29.5 |
| 16.0 | | 20.9 | 21.6 | 22.2 | 22.8 | 22.9 |
| 18.0 | | | 17.0 | 17.6 | 18.1 | 18.2 |
| 20.0 | | | 13.7 | 14.2 | 14.6 | 14.7 |
| 22.0 | | | 11.1 | 11.5 | 11.9 | 12.0 |
| 24.0 | | | | 9.4 | 9.8 | 9.9 |
| 26.0 | | | | 7.7 | 8.1 | 8.1 |
| 28.0 | | | | 6.0 | 6.5 | 6.6 |
| 30.0 | | | | | 5.0 | 5.1 |
| 32.0 | | | | | 3.7 | 3.8 |
| Critical boom angle(°) | — | — | — | — | 33 | 41 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TJ3

Outriggers intermediately extended (7.4m) over side, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 139.0 | 70.0 | 70.0 | | | |
| 5.0 | 126.9 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 100.8 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 82.7 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 61.1 | 63.5 | 64.5 | 60.0 | 35.0 | 32.0 |
| 9.0 | 47.5 | 49.6 | 50.5 | 51.3 | 35.0 | 32.0 |
| 10.0 | 38.2 | 40.1 | 41.0 | 41.7 | 35.0 | 32.0 |
| 11.0 | 31.5 | 33.2 | 34.0 | 34.7 | 35.0 | 32.0 |
| 12.0 | 26.4 | 28.0 | 28.8 | 29.5 | 30.0 | 30.1 |
| 14.0 | | 20.7 | 21.4 | 22.0 | 22.5 | 22.6 |
| 16.0 | | 15.7 | 16.4 | 16.9 | 17.4 | 17.5 |
| 18.0 | | | 12.8 | 13.3 | 13.7 | 13.8 |
| 20.0 | | | 10.1 | 10.6 | 11.0 | 11.1 |
| 22.0 | | | 8.0 | 8.5 | 8.8 | 8.9 |
| 24.0 | | | | 6.8 | 7.1 | 7.2 |
| 26.0 | | | | 5.4 | 5.7 | 5.8 |
| 28.0 | | | | 3.9 | 4.3 | 4.4 |
| 30.0 | | | | | 3.0 | 3.1 |
| Critical boom angle(°) | — | — | — | 22 | 37 | 45 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TJ4

Outriggers intermediately extended (6.4m) over side, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 139.0 | 70.0 | 70.0 | | | |
| 5.0 | 126.9 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 88.8 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 62.4 | 64.8 | 65.8 | 60.0 | 35.0 | |
| 8.0 | 47.1 | 49.2 | 50.1 | 50.9 | 35.0 | 32.0 |
| 9.0 | 37.1 | 39.0 | 39.8 | 40.5 | 35.0 | 32.0 |
| 10.0 | 30.0 | 31.8 | 32.6 | 33.2 | 33.8 | 32.0 |
| 11.0 | 24.7 | 26.4 | 27.2 | 27.8 | 28.4 | 28.5 |
| 12.0 | 20.7 | 22.3 | 23.0 | 23.6 | 24.1 | 24.2 |
| 14.0 | | 16.3 | 17.0 | 17.6 | 18.0 | 18.1 |
| 16.0 | | 12.2 | 12.9 | 13.4 | 13.8 | 13.9 |
| 18.0 | | | 9.9 | 10.4 | 10.8 | 10.9 |
| 20.0 | | | 7.6 | 8.1 | 8.5 | 8.6 |
| 22.0 | | | 5.9 | 6.3 | 6.6 | 6.7 |
| 24.0 | | | | 4.7 | 5.2 | 5.3 |
| 26.0 | | | | 3.1 | 3.6 | 3.7 |
| Critical boom angle(°) | — | — | — | 30 | 47 | 52 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TJ5

Outriggers minimum extended (5.4m) over side, with 11ton counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 150.0 | 70.0 | 70.0 | | | |
| 4.5 | 119.1 | 70.0 | 70.0 | | | |
| 5.0 | 90.9 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 60.2 | 62.4 | 63.3 | 60.0 | | |
| 7.0 | 43.7 | 45.7 | 46.5 | 47.3 | 35.0 | |
| 8.0 | 33.5 | 35.3 | 36.0 | 36.7 | 35.0 | 32.0 |
| 9.0 | 26.5 | 28.2 | 28.9 | 29.5 | 30.1 | 30.2 |
| 10.0 | 21.5 | 23.0 | 23.7 | 24.3 | 24.8 | 24.9 |
| 11.0 | 17.6 | 19.1 | 19.8 | 20.3 | 20.8 | 20.9 |
| 12.0 | 14.7 | 16.0 | 16.7 | 17.2 | 17.7 | 17.8 |
| 14.0 | | 11.6 | 12.2 | 12.7 | 13.1 | 13.2 |
| 16.0 | | 8.4 | 9.0 | 9.5 | 9.9 | 10.0 |
| 18.0 | | | 6.7 | 7.1 | 7.5 | 7.6 |
| 20.0 | | | 4.9 | 5.4 | 5.7 | 5.8 |
| 22.0 | | | 3.3 | 3.9 | 4.3 | 4.4 |
| Critical boom angle(°) | — | — | — | 43 | 54 | 58 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TK1

Outriggers fully extended (9.4m) 360° full range, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 146.8 | 70.0 | 70.0 | | | |
| 4.5 | 130.4 | 70.0 | 70.0 | | | |
| 5.0 | 114.1 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 90.2 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 73.8 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 61.7 | 63.7 | 64.6 | 60.0 | 35.0 | 32.0 |
| 9.0 | 52.5 | 54.4 | 55.3 | 56.1 | 35.0 | 32.0 |
| 10.0 | 45.2 | 47.1 | 48.0 | 48.7 | 35.0 | 32.0 |
| 11.0 | 39.3 | 41.2 | 42.0 | 42.8 | 35.0 | 32.0 |
| 12.0 | 32.7 | 34.7 | 35.6 | 36.4 | 35.0 | 32.0 |
| 14.0 | | 24.9 | 25.8 | 26.5 | 27.1 | 27.2 |
| 16.0 | | 18.7 | 19.4 | 20.1 | 20.6 | 20.8 |
| 18.0 | | | 15.0 | 15.6 | 16.1 | 16.2 |
| 20.0 | | | 11.8 | 12.3 | 12.8 | 12.9 |
| 22.0 | | | 9.3 | 9.8 | 10.2 | 10.3 |
| 24.0 | | | | 7.8 | 8.2 | 8.3 |
| 26.0 | | | | 5.9 | 6.4 | 6.6 |
| 28.0 | | | | 4.4 | 4.8 | 4.9 |
| 30.0 | | | | | 3.4 | 3.5 |
| Critical boom angle(°) | — | — | — | — | 38 | 45 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TK2

Outriggers intermediately extended (8.4m) over side, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 146.8 | 70.0 | 70.0 | | | |
| 4.5 | 130.4 | 70.0 | 70.0 | | | |
| 5.0 | 114.1 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 90.2 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 73.8 | 70.0 | 70.0 | 60.0 | 35.0 | |
| 8.0 | 61.7 | 63.7 | 64.6 | 60.0 | 35.0 | 32.0 |
| 9.0 | 49.6 | 52.1 | 53.2 | 53.9 | 35.0 | 32.0 |
| 10.0 | 39.0 | 41.3 | 42.3 | 43.1 | 35.0 | 32.0 |
| 11.0 | 31.6 | 33.6 | 34.5 | 35.3 | 35.0 | 32.0 |
| 12.0 | 26.1 | 27.9 | 28.8 | 29.6 | 30.2 | 30.2 |
| 14.0 | | 20.1 | 20.9 | 21.5 | 22.1 | 22.2 |
| 16.0 | | 14.9 | 15.6 | 16.2 | 16.8 | 16.9 |
| 18.0 | | | 11.9 | 12.5 | 13.0 | 13.1 |
| 20.0 | | | 9.2 | 9.7 | 10.2 | 10.3 |
| 22.0 | | | 6.9 | 7.5 | 8.0 | 8.1 |
| 24.0 | | | | 5.5 | 6.0 | 6.1 |
| 26.0 | | | | 3.8 | 4.3 | 4.4 |
| 28.0 | | | | | | 3.0 |
| Critical boom angle(°) | — | — | — | 30 | 47 | 49 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TK3

Outriggers intermediately extended (7.4m) over side, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 146.8 | 70.0 | 70.0 | | | |
| 4.5 | 130.4 | 70.0 | 70.0 | | | |
| 5.0 | 114.1 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 90.2 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 64.1 | 66.8 | 68.0 | 60.0 | 35.0 | |
| 8.0 | 46.6 | 48.9 | 50.0 | 50.8 | 35.0 | 32.0 |
| 9.0 | 35.7 | 37.8 | 38.7 | 39.5 | 35.0 | 32.0 |
| 10.0 | 28.3 | 30.2 | 31.1 | 31.8 | 32.4 | 32.0 |
| 11.0 | 22.9 | 24.7 | 25.5 | 26.2 | 26.8 | 26.9 |
| 12.0 | 18.9 | 20.5 | 21.3 | 21.9 | 22.5 | 22.6 |
| 14.0 | | 14.6 | 15.3 | 15.9 | 16.4 | 16.5 |
| 16.0 | | 10.6 | 11.3 | 11.8 | 12.3 | 12.4 |
| 18.0 | | | 8.4 | 8.9 | 9.4 | 9.5 |
| 20.0 | | | 6.3 | 6.7 | 7.2 | 7.2 |
| 22.0 | | | 4.3 | 4.9 | 5.4 | 5.5 |
| 24.0 | | | | 3.2 | 3.7 | 3.8 |
| Critical boom angle(°) | — | — | — | 37 | 51 | 55 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TK4

Outriggers intermediately extended (6.4m) over side, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 146.8 | 70.0 | 70.0 | | | |
| 4.5 | 130.4 | 70.0 | 70.0 | | | |
| 5.0 | 111.7 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 67.8 | 70.0 | 70.0 | 60.0 | | |
| 7.0 | 47.0 | 49.3 | 50.4 | 50.1 | 35.0 | |
| 8.0 | 34.9 | 36.9 | 37.9 | 38.7 | 35.0 | 32.0 |
| 9.0 | 26.9 | 28.8 | 29.7 | 30.4 | 31.0 | 30.0 |
| 10.0 | 21.3 | 23.1 | 23.9 | 24.6 | 25.2 | 25.3 |
| 11.0 | 17.2 | 18.9 | 19.6 | 20.3 | 20.8 | 20.9 |
| 12.0 | 14.0 | 15.6 | 16.3 | 16.9 | 17.5 | 17.6 |
| 14.0 | | 10.9 | 11.5 | 12.1 | 12.6 | 12.7 |
| 16.0 | | 7.6 | 8.3 | 8.8 | 9.3 | 9.4 |
| 18.0 | | | 5.9 | 6.4 | 6.8 | 6.9 |
| 20.0 | | | 3.6 | 4.3 | 4.9 | 5.0 |
| 22.0 | | | | | 3.0 | |
| Critical boom angle(°) | — | — | 30 | 48 | 55 | 60 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)

Specification TK5

Outriggers minimum extended (5.4m) over side, without counterweight

| Working radius(m) | 14.4m Boom | 19.55m Boom | 24.7m Boom | 32.0m Boom | 40.0m Boom | 44.7m Boom |
|------------------------|------------|-------------|------------|------------|------------|------------|
| 3.0 | 150.0 | | | | | |
| 3.5 | 150.0 | 70.0 | | | | |
| 4.0 | 129.2 | 70.0 | 70.0 | | | |
| 4.5 | 90.4 | 70.0 | 70.0 | | | |
| 5.0 | 68.4 | 70.0 | 70.0 | 60.0 | | |
| 6.0 | 44.5 | 46.7 | 47.7 | 47.7 | | |
| 7.0 | 31.7 | 33.7 | 34.5 | 35.2 | 34.8 | |
| 8.0 | 23.7 | 25.5 | 26.3 | 27.0 | 27.6 | 27.1 |
| 9.0 | 18.3 | 20.0 | 20.7 | 21.3 | 21.9 | 22.0 |
| 10.0 | 14.4 | 15.9 | 16.6 | 17.2 | 17.7 | 17.8 |
| 11.0 | 11.4 | 12.9 | 13.5 | 14.1 | 14.6 | 14.7 |
| 12.0 | 9.1 | 10.5 | 11.1 | 11.7 | 12.1 | 12.2 |
| 14.0 | | 7.0 | 7.6 | 8.1 | 8.5 | 8.6 |
| 16.0 | | 4.5 | 5.1 | 5.6 | 6.0 | 6.1 |
| 18.0 | | | | 3.6 | 4.2 | |
| Critical boom angle(°) | — | — | 45 | 53 | 62 | 66 |
| Standard hook | for 150ton | for 83ton | for 83ton | for 83ton | for 83ton | for 83ton |
| Hook mass(ton) | 1.90 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Parts of line | 14 | 7 | 7 | 6 | 4 | 4 |

(Unit : Metric ton)