

Liftcrane 80 metric tons

SCX 800

• LIFTCRANE CAPACITIES:

| Boom length (m) Working Radius(m) | 9.5 | 12.5 | 15.5 | 18.5 | 21.5 | 24.5 | 27.5 | 30.5 | 33.5 | 36.5 | 39.5 | 42.5 | 45.5 | 48.5 | 51.5 | 54.5 |
|--------------------------------------|-----------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 3.30 | 80.00 | | | | | | | | | | | | | | | |
| 3.50 | 76.50 | 70.60/3.9 | | | | | | | | | | | | | | |
| 4.00 | 70.00 | 69.50 | 63.30/4.4 | | | | | | | | | | | | | |
| 4.50 | 62.30 | 62.15 | 62.00 | | | | | | | | | | | | | |
| 5.00 | 56.30 | 56.15 | 56.00 | 56.00 | | | | | | | | | | | | |
| 5.50 | 51.35 | 51.20 | 51.20 | 51.15 | 51.05 | | | | | | | | | | | |
| 6.00 | 46.30 | 46.30 | 46.25 | 46.25 | 46.20 | 45.00/6.1 | 39.90/6.6 | | | | | | | | | |
| 7.00 | 36.75 | 36.75 | 36.65 | 36.65 | 36.60 | 36.55 | 36.55 | 35.00/7.2 | 31.65/7.7 | | | | | | | |
| 8.00 | 30.40 | 30.35 | 30.30 | 30.25 | 30.20 | 30.15 | 30.10 | 30.05 | 29.95 | 25.35/8.3 | 26.05/8.8 | | | | | |
| 9.00 | 25.90 | 25.80 | 25.75 | 25.70 | 25.60 | 25.60 | 25.55 | 25.45 | 25.40 | 25.35 | 25.25 | 23.75/9.4 | 21.05/9.9 | | | |
| 10.00 | 24.10/9.5 | 22.40 | 22.30 | 22.25 | 22.20 | 22.15 | 22.10 | 22.05 | 21.95 | 21.90 | 21.80 | 21.80 | 20.95 | 18.15/10.4 | 15.30/11.0 | 12.80/11.5 |
| 12.00 | | 17.65 | 17.55 | 17.50 | 17.40 | 17.35 | 17.30 | 17.20 | 17.10 | 17.10 | 17.00 | 16.95 | 16.85 | 16.75 | 14.85 | 12.60 |
| 14.00 | | 17.50/12.1 | 14.40 | 14.30 | 14.20 | 14.15 | 14.10 | 14.00 | 13.90 | 13.85 | 13.75 | 13.70 | 13.65 | 13.50 | 13.40 | 11.90 |
| 16.00 | | | 13.55/14.7 | 12.05 | 11.95 | 11.90 | 11.80 | 11.75 | 11.60 | 11.60 | 11.45 | 11.40 | 11.35 | 11.20 | 11.10 | 11.10 |
| 18.00 | | | | 10.90/17.3 | 10.25 | 10.20 | 10.10 | 10.00 | 9.90 | 9.85 | 9.75 | 9.70 | 9.60 | 9.50 | 9.40 | 9.35 |
| 20.00 | | | | | 9.00/19.9 | 8.85 | 8.80 | 8.70 | 8.60 | 8.55 | 8.40 | 8.35 | 8.25 | 8.15 | 8.05 | 8.00 |
| 22.00 | | | | | | 7.85 | 7.75 | 7.65 | 7.50 | 7.45 | 7.35 | 7.30 | 7.20 | 7.05 | 6.95 | 6.95 |
| 24.00 | | | | | | 7.60/22.5 | 6.90 | 6.75 | 6.65 | 6.60 | 6.45 | 6.40 | 6.30 | 6.20 | 6.10 | 6.05 |
| 26.00 | | | | | | | 6.50/25.1 | 6.00 | 5.95 | 5.85 | 5.75 | 5.70 | 5.60 | 5.45 | 5.35 | 5.35 |
| 28.00 | | | | | | | | 5.55/27.7 | 5.35 | 5.25 | 5.15 | 5.05 | 4.95 | 4.85 | 4.75 | 4.70 |
| 30.00 | | | | | | | | | 4.80 | 4.75 | 4.60 | 4.55 | 4.45 | 4.30 | 4.20 | 4.20 |
| 32.00 | | | | | | | | | 4.75/30.3 | 4.30 | 4.15 | 4.10 | 4.00 | 3.85 | 3.75 | 3.70 |
| 34.00 | | | | | | | | | | 4.10/32.9 | 3.80 | 3.70 | 3.60 | 3.45 | 3.35 | 3.30 |
| 36.00 | | | | | | | | | | | 3.50/35.5 | 3.35 | 3.25 | 3.10 | 3.00 | 2.95 |
| 38.00 | | | | | | | | | | | | 3.05 | 2.95 | 2.80 | 2.70 | 2.60 |
| 40.00 | | | | | | | | | | | | 3.05/38.1 | 2.65 | 2.50 | 2.35 | 2.30 |
| 42.00 | | | | | | | | | | | | | 2.60/40.7 | 2.25 | 2.10 | 2.00 |
| 44.00 | | | | | | | | | | | | | | 2.05/43.3 | 1.85 | 1.75 |
| 46.00 | | | | | | | | | | | | | | | 1.60/45.9 | 1.50 |
| 48.00 | | | | | | | | | | | | | | | | 1.30 |

• WORKING MASS & GROUND PRESSURE:

| Shoe width | Mass | Pressure |
|------------|-------|----------------------|
| 800mm | 75.1t | 89.0kPa <0.91kg/cm²> |

Note: Working mass shown above is with 9.5m basic boom, 28.2ton counterweight, 4ton carbody weight and optional 80t hook block.