

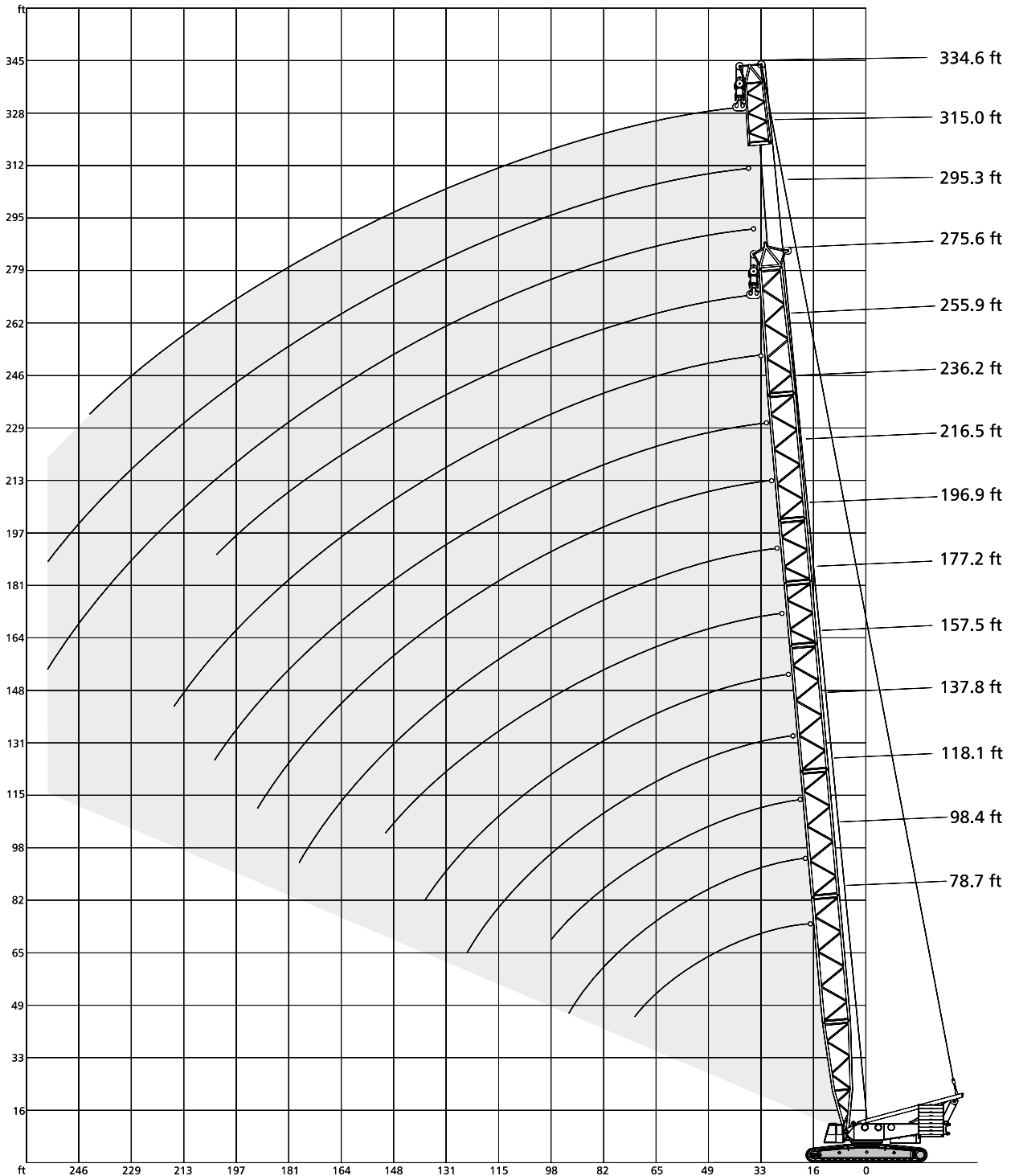


LIFTING CHARTS - Crawler Cranes

DEMAG MODEL CC 2500 - 500 TON CAPACITY

Working ranges main boom

SH, SH/LH



STERLING CRANE

Lifting capacities main boom

309,000 lb*  25.6 ft 360° DIN/ISO

| Main boom | | | | | | | | | | | | |
|-----------|-----|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Radius | ft | 78.7 | 98.4 | 118.1 | 137.8 | 157.5 | 177.2 | 196.9 | 216.5 | 236.2 | Radius | |
| | | 1,000 lb | | | | | | | | | | |
| | 19 | 745.2 | - | - | - | - | - | - | - | - | 19 | |
| | 23 | 705.5 | 754.0 | 802.5 | - | - | - | - | - | - | 23 | |
| | 26 | 670.2 | 718.7 | 756.2 | 751.8 | - | - | - | - | - | 26 | |
| | 29 | 606.3 | 604.1 | 601.9 | 601.9 | 599.7 | 599.7 | - | - | - | 29 | |
| | 33 | 502.7 | 500.4 | 500.4 | 498.2 | 496.0 | 493.8 | 493.8 | 480.6 | - | 33 | |
| | 39 | 372.6 | 370.4 | 368.2 | 366.0 | 363.8 | 363.8 | 361.6 | 361.6 | 361.6 | 39 | |
| | 46 | 295.4 | 293.2 | 291.0 | 288.8 | 286.6 | 284.4 | 282.2 | 282.2 | 282.2 | 46 | |
| | 52 | 242.5 | 240.3 | 238.1 | 235.9 | 233.7 | 231.5 | 229.3 | 229.3 | 229.3 | 52 | |
| | 59 | 205.0 | 202.8 | 200.6 | 198.4 | 196.2 | 194.0 | 191.8 | 191.8 | 189.6 | 59 | |
| | 65 | 176.4 | 174.2 | 172.0 | 169.8 | 167.6 | 165.3 | 163.1 | 163.1 | 160.9 | 65 | |
| | 72 | 154.3 | 152.1 | 149.9 | 147.7 | 145.5 | 143.3 | 141.1 | 141.1 | 138.9 | 72 | |
| SH | 79 | - | 134.5 | 132.3 | 130.1 | 127.9 | 125.7 | 123.5 | 123.5 | 121.3 | 79 | |
| | 85 | - | 121.3 | 119.0 | 114.6 | 112.4 | 112.4 | 110.2 | 108.0 | 108.0 | 85 | |
| | 92 | - | 110.2 | 105.8 | 103.6 | 101.4 | 99.2 | 97.0 | 97.0 | 94.8 | 92 | |
| | 98 | - | - | 97.0 | 92.6 | 90.4 | 88.2 | 88.2 | 86.0 | 83.8 | 98 | |
| | 111 | - | - | - | 77.2 | 75.0 | 72.8 | 70.5 | 70.5 | 68.3 | 111 | |
| | 124 | - | - | - | 66.1 | 63.9 | 61.7 | 59.5 | 57.3 | 55.1 | 124 | |
| | 138 | - | - | - | - | 52.9 | 50.7 | 48.5 | 46.3 | 44.1 | 138 | |
| | 151 | - | - | - | - | - | 44.1 | 39.7 | 39.7 | 37.5 | 151 | |
| | 164 | - | - | - | - | - | - | 33.1 | 33.1 | 30.9 | 164 | |
| | 177 | - | - | - | - | - | - | 28.7 | 26.5 | 24.3 | 177 | |
| | 190 | - | - | - | - | - | - | - | 22.0 | 19.8 | 190 | |
| | 203 | - | - | - | - | - | - | - | - | 15.4 | 203 | |

265,000 lb*  25.6 ft 360° DIN/ISO

| Main boom | | | | | | | | | | | | |
|-----------|-----|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Radius | ft | 78.7 | 98.4 | 118.1 | 137.8 | 157.5 | 177.2 | 196.9 | 216.5 | 236.2 | Radius | |
| | | 1,000 lb | | | | | | | | | | |
| | 19 | 844.4 | - | - | - | - | - | - | - | - | 19 | |
| | 23 | 793.7 | 837.8 | 833.3 | - | - | - | - | - | - | 23 | |
| | 26 | 681.2 | 679.0 | 679.0 | 676.8 | - | - | - | - | - | 26 | |
| | 29 | 542.3 | 540.1 | 540.1 | 537.9 | 535.7 | 535.7 | - | - | - | 29 | |
| | 33 | 449.7 | 447.5 | 445.3 | 443.1 | 443.1 | 440.9 | 440.9 | 440.9 | - | 33 | |
| | 39 | 332.9 | 330.7 | 328.5 | 326.3 | 324.1 | 324.1 | 321.9 | 321.9 | 321.9 | 39 | |
| | 46 | 262.4 | 260.1 | 257.9 | 255.7 | 253.5 | 253.5 | 251.3 | 251.3 | 249.1 | 46 | |
| | 52 | 216.1 | 213.8 | 211.6 | 209.4 | 207.2 | 205.0 | 202.8 | 202.8 | 200.6 | 52 | |
| | 59 | 180.8 | 178.6 | 176.4 | 174.2 | 172.0 | 172.0 | 169.8 | 169.8 | 167.6 | 59 | |
| | 65 | 156.5 | 154.3 | 152.1 | 149.9 | 147.7 | 145.5 | 143.3 | 143.3 | 141.1 | 65 | |
| | 72 | 136.7 | 134.5 | 132.3 | 130.1 | 127.9 | 125.7 | 123.5 | 123.5 | 121.3 | 72 | |
| SH | 79 | - | 119.0 | 116.8 | 114.6 | 110.2 | 110.2 | 108.0 | 108.0 | 105.8 | 79 | |
| | 85 | - | 105.8 | 103.6 | 101.4 | 99.2 | 97.0 | 94.8 | 94.8 | 92.6 | 85 | |
| | 92 | - | 97.0 | 92.6 | 90.4 | 88.2 | 86.0 | 83.8 | 83.8 | 81.6 | 92 | |
| | 98 | - | - | 83.8 | 81.6 | 79.4 | 77.2 | 75.0 | 75.0 | 72.8 | 98 | |
| | 111 | - | - | - | 66.1 | 63.9 | 61.7 | 59.5 | 59.5 | 57.3 | 111 | |
| | 124 | - | - | - | 57.3 | 52.9 | 50.7 | 48.5 | 48.5 | 46.3 | 124 | |
| | 138 | - | - | - | - | 44.1 | 41.9 | 39.7 | 37.5 | 35.3 | 138 | |
| | 151 | - | - | - | - | - | 35.3 | 33.1 | 30.9 | 28.7 | 151 | |
| | 164 | - | - | - | - | - | - | 26.5 | 24.3 | 22.0 | 164 | |
| | 177 | - | - | - | - | - | - | 22.0 | 19.8 | 17.6 | 177 | |
| | 190 | - | - | - | - | - | - | - | 15.4 | - | 190 | |
| | 203 | - | - | - | - | - | - | - | - | - | 203 | |

Remarks

* with 66,000 lb central ballast

Lifting capacities main boom

265,000 lb  25.6 ft 360° DIN/ISO

Main boom

| Radius | ft | 78.7 | 98.4 | 118.1 | 137.8 | 157.5 | 177.2 | 196.9 | 216.5 | 236.2 | Radius |
|-----------|----|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| ft | | 1,000 lb | | | | | | | | | ft |
| 19 | | 582.0 | - | - | - | - | - | - | - | - | 19 |
| 23 | | 557.8 | 608.5 | 654.8 | - | - | - | - | - | - | 23 |
| 26 | | 535.7 | 584.2 | 630.5 | 628.3 | - | - | - | - | - | 26 |
| 29 | | 504.9 | 502.7 | 500.4 | 498.2 | 498.2 | 496.0 | - | - | - | 29 |
| 33 | | 418.9 | 416.7 | 414.5 | 412.3 | 410.1 | 410.1 | 407.9 | 407.9 | - | 33 |
| 39 | | 308.6 | 306.4 | 304.2 | 302.0 | 299.8 | 299.8 | 297.6 | 297.6 | 297.6 | 39 |
| 46 | | 242.5 | 240.3 | 238.1 | 235.9 | 233.7 | 233.7 | 231.5 | 231.5 | 229.3 | 46 |
| 52 | | 198.4 | 196.2 | 194.0 | 191.8 | 189.6 | 189.6 | 187.4 | 187.4 | 185.2 | 52 |
| 59 | | 167.6 | 165.3 | 163.1 | 160.9 | 158.7 | 156.5 | 156.5 | 154.3 | 154.3 | 59 |
| 65 | | 145.5 | 141.1 | 138.9 | 136.7 | 134.5 | 134.5 | 132.3 | 130.1 | 130.1 | 65 |
| 72 | | 125.7 | 123.5 | 121.3 | 119.0 | 116.8 | 114.6 | 112.4 | 112.4 | 110.2 | 72 |
| SH | | - | 110.2 | 105.8 | 103.6 | 101.4 | 99.2 | 97.0 | 97.0 | 97.0 | 79 |
| | | - | 97.0 | 94.8 | 92.6 | 90.4 | 88.2 | 86.0 | 86.0 | 83.8 | 85 |
| | | - | 88.2 | 86.0 | 81.6 | 79.4 | 77.2 | 75.0 | 75.0 | 72.8 | 92 |
| | | - | - | 77.2 | 72.8 | 70.5 | 68.3 | 68.3 | 66.1 | 63.9 | 98 |
| | | - | - | - | 59.5 | 57.3 | 55.1 | 52.9 | 52.9 | 50.7 | 111 |
| | | - | - | - | 50.7 | 48.5 | 44.1 | 41.9 | 41.9 | 39.7 | 124 |
| | | - | - | - | - | 39.7 | 37.5 | 33.1 | 33.1 | 30.9 | 138 |
| | | - | - | - | - | - | 30.9 | 26.5 | 26.5 | 24.3 | 151 |
| | | - | - | - | - | - | - | 22.0 | 19.8 | 17.6 | 164 |
| | | - | - | - | - | - | - | 17.6 | 15.4 | - | 177 |

Lifting capacities main boom

309,000 lb*  25.6 ft 360° DIN/ISO

| | | Main boom | | | | | | | | | | |
|--------|-----|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Radius | ft | 157.5 | 177.2 | 196.9 | 216.5 | 236.2 | 255.9 | 275.6 | 295.3 | 315.0 | 334.6 | Radius |
| | | 1,000 lb | | | | | | | | | | |
| | 26 | 485.0 | - | - | - | - | - | - | - | - | - | 26 |
| | 29 | 456.4 | 460.8 | - | - | - | - | - | - | - | - | 29 |
| | 33 | 425.5 | 427.7 | 432.1 | 388.0 | - | - | - | - | - | - | 33 |
| | 39 | 368.2 | 363.8 | 370.4 | 332.9 | 315.3 | 277.8 | 246.9 | - | - | - | 39 |
| | 46 | 293.2 | 293.2 | 291.0 | 280.0 | 273.4 | 253.5 | 224.9 | 202.8 | 180.8 | 156.5 | 46 |
| | 52 | 240.3 | 240.3 | 238.1 | 231.5 | 231.5 | 231.5 | 205.0 | 189.6 | 169.8 | 147.7 | 52 |
| | 59 | 202.8 | 202.8 | 200.6 | 200.6 | 198.4 | 198.4 | 185.2 | 176.4 | 160.9 | 141.1 | 59 |
| | 65 | 174.2 | 174.2 | 172.0 | 169.8 | 169.8 | 169.8 | 167.6 | 163.1 | 149.9 | 132.3 | 65 |
| | 72 | 152.1 | 152.1 | 149.9 | 149.9 | 147.7 | 147.7 | 145.5 | 145.5 | 141.1 | 125.7 | 72 |
| | 79 | 134.5 | 134.5 | 132.3 | 132.3 | 130.1 | 130.1 | 127.9 | 127.9 | 125.7 | 116.8 | 79 |
| | 85 | 121.3 | 119.0 | 119.0 | 116.8 | 116.8 | 114.6 | 112.4 | 112.4 | 110.2 | 108.0 | 85 |
| SH/LH | 92 | 108.0 | 108.0 | 105.8 | 105.8 | 103.6 | 103.6 | 101.4 | 101.4 | 99.2 | 97.0 | 92 |
| | 98 | 99.2 | 97.0 | 94.8 | 94.8 | 92.6 | 92.6 | 90.4 | 90.4 | 88.2 | 86.0 | 98 |
| | 111 | 81.6 | 81.6 | 79.4 | 79.4 | 77.2 | 77.2 | 75.0 | 72.8 | 70.5 | 70.5 | 111 |
| | 124 | 70.5 | 68.3 | 66.1 | 66.1 | 63.9 | 63.9 | 61.7 | 61.7 | 59.5 | 57.3 | 124 |
| | 138 | 61.7 | 59.5 | 57.3 | 55.1 | 55.1 | 52.9 | 50.7 | 50.7 | 48.5 | 46.3 | 138 |
| | 151 | - | 50.7 | 48.5 | 48.5 | 46.3 | 46.3 | 44.1 | 41.9 | 39.7 | 37.5 | 151 |
| | 164 | - | - | 44.1 | 41.9 | 39.7 | 37.5 | 35.3 | 35.3 | 33.1 | 30.9 | 164 |
| | 177 | - | - | 37.5 | 35.3 | 33.1 | 33.1 | 30.9 | 28.7 | 26.5 | 24.3 | 177 |
| | 190 | - | - | - | 30.9 | 28.7 | 28.7 | 26.5 | 24.3 | 22.0 | 19.8 | 190 |
| | 203 | - | - | - | - | 24.3 | 24.3 | 22.0 | 19.8 | 17.6 | 15.4 | 203 |
| | 216 | - | - | - | - | - | 19.8 | 17.6 | 15.4 | 13.2 | 11.0 | 216 |
| | 230 | - | - | - | - | - | 17.6 | 15.4 | 13.2 | 11.0 | 8.8 | 230 |
| | 243 | - | - | - | - | - | - | 11.0 | 11.0 | 8.8 | 6.6 | 243 |
| | 256 | - | - | - | - | - | - | - | 8.8 | - | - | 256 |

265,000 lb  25.6 ft 360° DIN/ISO

| | | Main boom | | | | | | | | | | |
|--------|-----|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Radius | ft | 157.5 | 177.2 | 196.9 | 216.5 | 236.2 | 255.9 | 275.6 | 295.3 | 315.0 | 334.6 | Radius |
| | | 1,000 lb | | | | | | | | | | |
| | 26 | 485.0 | - | - | - | - | - | - | - | - | - | 26 |
| | 29 | 456.4 | 460.8 | - | - | - | - | - | - | - | - | 29 |
| | 33 | 418.9 | 418.9 | 416.7 | 388.0 | - | - | - | - | - | - | 33 |
| | 39 | 308.6 | 308.6 | 306.4 | 306.4 | 306.4 | 277.8 | 246.9 | - | - | - | 39 |
| | 46 | 242.5 | 242.5 | 240.3 | 240.3 | 238.1 | 238.1 | 224.9 | 202.8 | 180.8 | 156.5 | 46 |
| | 52 | 198.4 | 198.4 | 196.2 | 196.2 | 194.0 | 194.0 | 191.8 | 189.6 | 169.8 | 147.7 | 52 |
| | 59 | 167.6 | 165.3 | 163.1 | 163.1 | 163.1 | 160.9 | 160.9 | 158.7 | 156.5 | 141.1 | 59 |
| | 65 | 143.3 | 141.1 | 141.1 | 138.9 | 138.9 | 138.9 | 136.7 | 134.5 | 134.5 | 130.1 | 65 |
| | 72 | 123.5 | 123.5 | 121.3 | 121.3 | 119.0 | 119.0 | 116.8 | 116.8 | 114.6 | 112.4 | 72 |
| | 79 | 110.2 | 108.0 | 105.8 | 105.8 | 103.6 | 103.6 | 101.4 | 101.4 | 99.2 | 97.0 | 79 |
| | 85 | 97.0 | 97.0 | 94.8 | 94.8 | 92.6 | 92.6 | 90.4 | 88.2 | 88.2 | 86.0 | 85 |
| SH/LH | 92 | 88.2 | 86.0 | 83.8 | 83.8 | 81.6 | 81.6 | 79.4 | 79.4 | 77.2 | 75.0 | 92 |
| | 98 | 79.4 | 77.2 | 75.0 | 75.0 | 72.8 | 72.8 | 70.5 | 70.5 | 68.3 | 66.1 | 98 |
| | 111 | 66.1 | 63.9 | 61.7 | 61.7 | 59.5 | 59.5 | 57.3 | 57.3 | 55.1 | 52.9 | 111 |
| | 124 | 55.1 | 52.9 | 50.7 | 50.7 | 48.5 | 48.5 | 46.3 | 44.1 | 41.9 | 41.9 | 124 |
| | 138 | 46.3 | 46.3 | 44.1 | 41.9 | 39.7 | 39.7 | 37.5 | 35.3 | 33.1 | 33.1 | 138 |
| | 151 | - | 39.7 | 37.5 | 35.3 | 33.1 | 33.1 | 30.9 | 28.7 | 26.5 | 24.3 | 151 |
| | 164 | - | - | 30.9 | 28.7 | 28.7 | 26.5 | 24.3 | 24.3 | 19.8 | 19.8 | 164 |
| | 177 | - | - | 26.5 | 24.3 | 22.0 | 22.0 | 19.8 | 17.6 | 15.4 | 13.2 | 177 |
| | 190 | - | - | - | 22.0 | 19.8 | 17.6 | 15.4 | 13.2 | 11.0 | 8.8 | 190 |
| | 203 | - | - | - | - | 15.4 | 13.2 | 11.0 | 11.0 | 8.8 | 6.6 | 203 |
| | 216 | - | - | - | - | - | 11.0 | 8.8 | 6.6 | - | - | 216 |
| | 230 | - | - | - | - | - | 8.8 | 6.6 | - | - | - | 230 |

* with 66,000 lb central ballast