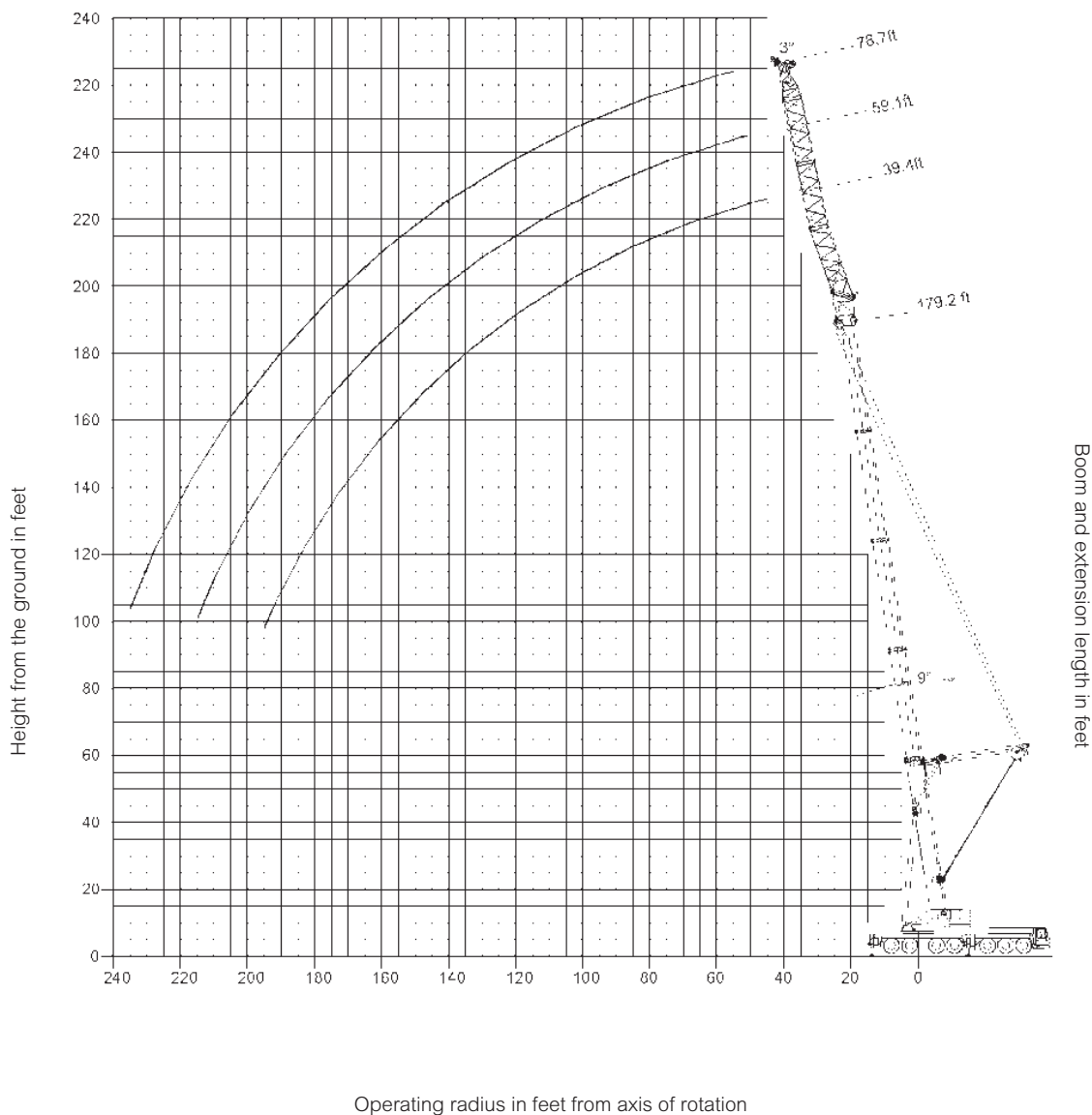




## Working Range w/MegaWingLift

78.7 ft. Lattice Extension Jib



# STERLING CRANE

## load charts w/MegaWingLift

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |       |       |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|-------|
|  |  |  |  |  |       |       |
| 163-179 ft.                                                                       | 39.4-78.7 ft.                                                                     | 352,700 lbs.                                                                      | 100°<br>29'-2" spread                                                             | 360°                                                                                |       |       |
|  |  |                                                                                   |                                                                                   |  |       |       |
|                                                                                   | Pounds (thousands)                                                                |                                                                                   |                                                                                   |                                                                                     |       |       |
| Feet                                                                              | 163'                                                                              |                                                                                   |                                                                                   | 179'                                                                                |       |       |
| Feet                                                                              | 39.4'                                                                             | 59.1'                                                                             | 78.7'                                                                             | 39.4'                                                                               | 59.1' | 78.7' |
|                                                                                   | 3°                                                                                | 3°                                                                                | 3°                                                                                | 3°                                                                                  | 3°    | 3°    |
| 40                                                                                | 114.0                                                                             |                                                                                   |                                                                                   |                                                                                     |       |       |
| 45                                                                                | 107.0                                                                             | 86.0                                                                              |                                                                                   | 100.0                                                                               |       |       |
| 50                                                                                | 100.0                                                                             | 81.0                                                                              | 66.0                                                                              | 94.0                                                                                | 78.0  |       |
| 55                                                                                | 95.0                                                                              | 77.0                                                                              | 63.0                                                                              | 88.0                                                                                | 74.0  | 62.0  |
| 60                                                                                | 90.0                                                                              | 73.0                                                                              | 61.0                                                                              | 83.0                                                                                | 69.0  | 59.0  |
| 65                                                                                | 85.0                                                                              | 69.0                                                                              | 58.0                                                                              | 79.0                                                                                | 65.0  | 56.0  |
| 70                                                                                | 81.0                                                                              | 65.0                                                                              | 55.0                                                                              | 74.0                                                                                | 62.0  | 52.0  |
| 75                                                                                | 77.0                                                                              | 62.0                                                                              | 52.0                                                                              | 71.0                                                                                | 58.0  | 50.0  |
| 80                                                                                | 73.0                                                                              | 59.0                                                                              | 49.0                                                                              | 68.0                                                                                | 55.0  | 48.0  |
| 85                                                                                | 69.0                                                                              | 56.0                                                                              | 47.0                                                                              | 65.0                                                                                | 52.0  | 45.0  |
| 90                                                                                | 67.0                                                                              | 53.0                                                                              | 45.0                                                                              | 62.0                                                                                | 50.0  | 43.2  |
| 95                                                                                | 64.0                                                                              | 51.0                                                                              | 43.2                                                                              | 59.0                                                                                | 48.0  | 41.4  |
| 100                                                                               | 62.0                                                                              | 49.0                                                                              | 41.4                                                                              | 56.0                                                                                | 46.0  | 39.8  |
| 105                                                                               | 59.0                                                                              | 47.0                                                                              | 39.4                                                                              | 54.0                                                                                | 43.8  | 38.2  |
| 110                                                                               | 57.0                                                                              | 45.0                                                                              | 38.0                                                                              | 52.0                                                                                | 42.2  | 36.6  |
| 115                                                                               | 55.0                                                                              | 43.4                                                                              | 36.8                                                                              | 49.0                                                                                | 40.8  | 35.0  |
| 120                                                                               | 53.0                                                                              | 41.8                                                                              | 35.4                                                                              | 47.0                                                                                | 39.4  | 33.6  |
| 125                                                                               | 51.0                                                                              | 40.2                                                                              | 34.2                                                                              | 46.0                                                                                | 37.8  | 32.2  |
| 130                                                                               | 49.0                                                                              | 39.0                                                                              | 32.8                                                                              | 44.0                                                                                | 36.4  | 30.8  |
| 135                                                                               | 47.0                                                                              | 37.8                                                                              | 31.4                                                                              | 43.0                                                                                | 35.0  | 29.4  |
| 140                                                                               | 46.0                                                                              | 36.6                                                                              | 30.4                                                                              | 41.6                                                                                | 33.8  | 28.0  |
| 145                                                                               | 45.0                                                                              | 35.4                                                                              | 29.2                                                                              | 40.2                                                                                | 32.4  | 26.6  |
| 150                                                                               | 43.4                                                                              | 34.2                                                                              | 28.0                                                                              | 38.8                                                                                | 31.2  | 25.8  |
| 155                                                                               | 40.8                                                                              | 33.2                                                                              | 27.0                                                                              | 37.8                                                                                | 29.8  | 25.0  |
| 160                                                                               | 38.2                                                                              | 32.4                                                                              | 25.8                                                                              | 36.8                                                                                | 28.6  | 24.2  |
| 165                                                                               | 35.6                                                                              | 31.4                                                                              | 24.6                                                                              | 35.8                                                                                | 27.4  | 23.6  |
| 170                                                                               | 33.4                                                                              | 30.6                                                                              | 23.8                                                                              | 34.4                                                                                | 26.6  | 22.8  |
| 175                                                                               | 31.2                                                                              | 29.8                                                                              | 23.2                                                                              | 32.2                                                                                | 26.0  | 22.0  |
| 180                                                                               | 29.2                                                                              | 28.8                                                                              | 22.6                                                                              | 30.2                                                                                | 25.2  | 21.4  |
| 185                                                                               |                                                                                   | 28.0                                                                              | 22.0                                                                              | 28.2                                                                                | 24.6  | 20.8  |
| 190                                                                               |                                                                                   | 27.0                                                                              | 21.4                                                                              | 26.4                                                                                | 23.8  | 20.2  |
| 195                                                                               |                                                                                   | 25.4                                                                              | 20.8                                                                              | 24.6                                                                                | 23.2  | 19.6  |
| 200                                                                               |                                                                                   | 23.6                                                                              | 20.2                                                                              |                                                                                     | 22.8  | 19.2  |
| 205                                                                               |                                                                                   |                                                                                   | 19.8                                                                              |                                                                                     | 22.2  | 18.6  |
| 210                                                                               |                                                                                   |                                                                                   | 19.4                                                                              |                                                                                     | 21.2  | 18.0  |
| 215                                                                               |                                                                                   |                                                                                   | 19.0                                                                              |                                                                                     | 19.8  | 17.6  |
| 220                                                                               |                                                                                   |                                                                                   | 18.4                                                                              |                                                                                     |       | 17.2  |
| 225                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                     |       | 16.8  |
| 230                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                     |       | 16.4  |
| 235                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                     |       | 16.0  |