천조코퍼레이션
CHUNJO CORPORATION

KOBELCO

# SL6000

Model: SL6000

**CHUNJO Corporation**
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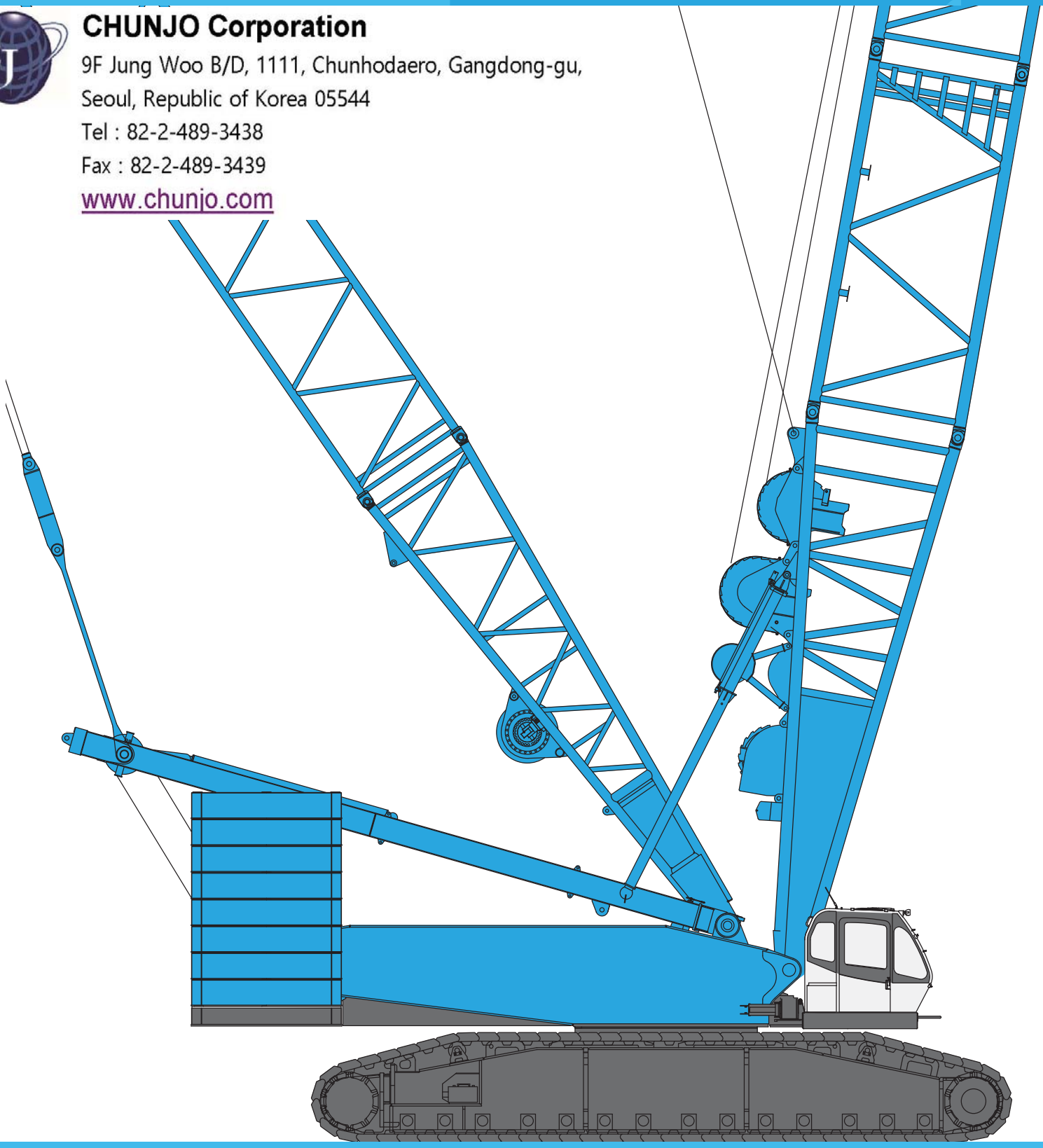


**Max. Lifting Capacity: 550 t**
**Max. Boom Length: 126 m**
**Max. Luffing Jib: 84 m**

# MAIN SPECIFICATIONS

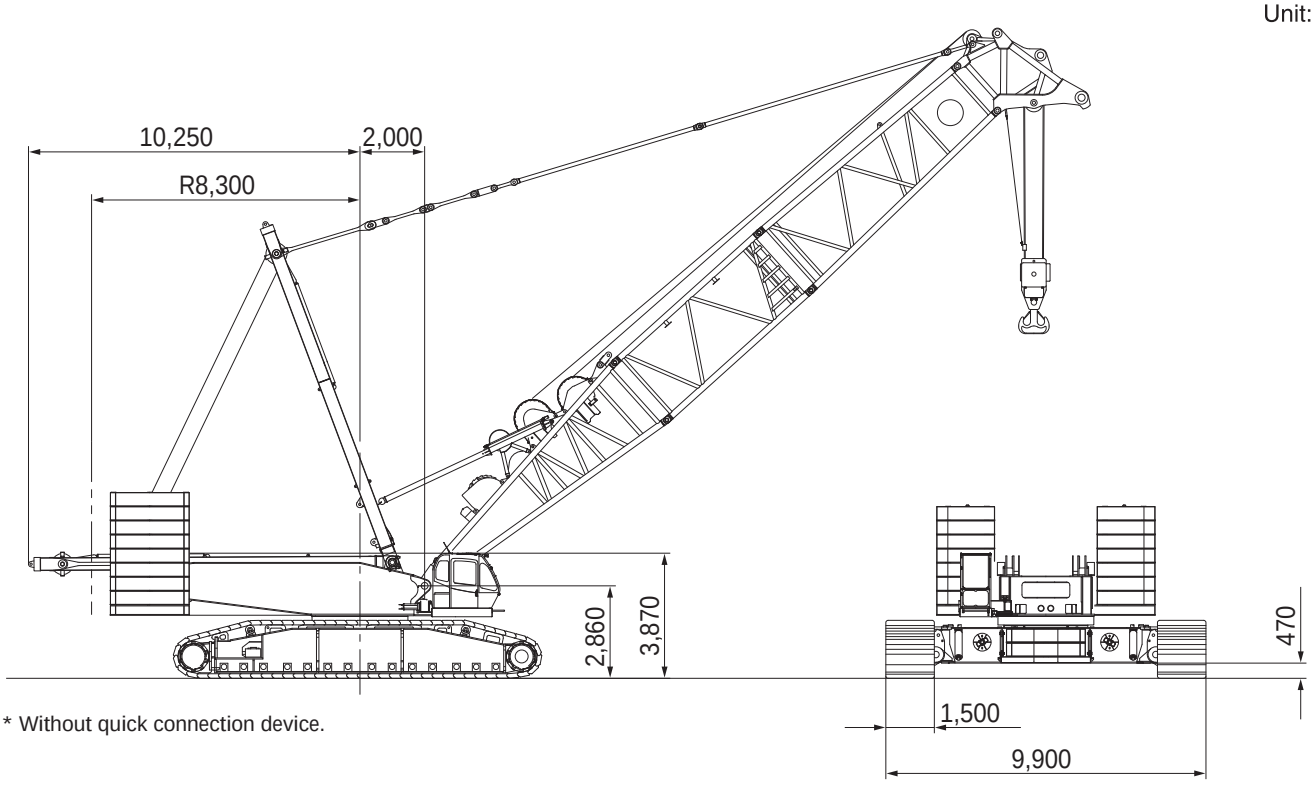
| **Lift Enhancer** | STD | HL | SHL |
|---|---|---|---|
| HL Mast | - | 30 m | 30 m |
| Additional Weight | - | - | ~ 250 t |
| **Heavy Duty Crane Boom** | | | |
| Max. Lifting Capacity | 450 t | 367.5 t | 550 t |
| | 6.7 m | | |
| Length | 24 ~ 42 m | 36 ~ 42 m | 36 ~ 42 m |
| **Crane Boom** | | | |
| Max. Lifting Capacity | 300 t | 300 t | 300 t |
| | 9 m | | |
| Length | 30 ~ 84 m | 36 ~ 84 m | 36 ~ 84 m |
| **Long Boom** | | | |
| Length | 90 ~ 108 m | 90 ~ 108 m | 90 ~ 126 m |
| **Luffing Jib** | | | |
| Max. Lifting Capacity | 184 t | 200 t | 200 t |
| Max. Combination (Boom) | 60 m | 60 m | 84 m |
| (Jib) | 72 m | 72 m | 84 m |
| Luffing Angle | 66˚ ~ 86˚ | | |
| **Power Plant** | | | |
| Model | Hino E13C-UV | | |
| Engine Output | 320 kW/2,000 $min^{-1}${rpm} | | |
| Fuel Tank Capacity | 600 liters | | |

| **Hoist Winch (H1, H2)** | |
|---|---|
| Max. Line Speed | 110 m/min (1st layer) |
| Rated Line Pull (Single line) | 137 kN {14.0 tf} |
| Wire Rope Diameter | 28 mm |
| Wire Rope Length | 830 m |
| **Working Speed** | |
| Swing | 0.9 $min^{-1}${rpm} |
| Travel | 1.0/0.6 km/h |
| **Hydraulic System** | |
| Pumps | 6 variable displacement |
| Max. Pressure | 31.9 MPa {325 $kgf/cm^2$} |
| Hydraulic Tank Capacity | 710 liters |
| **Weight** | |
| Operating Weight* | Approx. 424 t |
| Ground Pressure* | 136 kPa {1.4 $kgf/cm^2$} |
| Counterweight | 180.0 t (Upper) + 50.0 t (Lower) |

* Including upper and lower machine, 180.0 ton counterweight and 50.0 ton carbodyweight, basic boom, hook and other accessories.
Units are SI units. { } indicates conventional units.

# GENERAL DIMENSIONS

Unit: mm




* Without quick connection device.

# BOOM CONFIGURATIONS

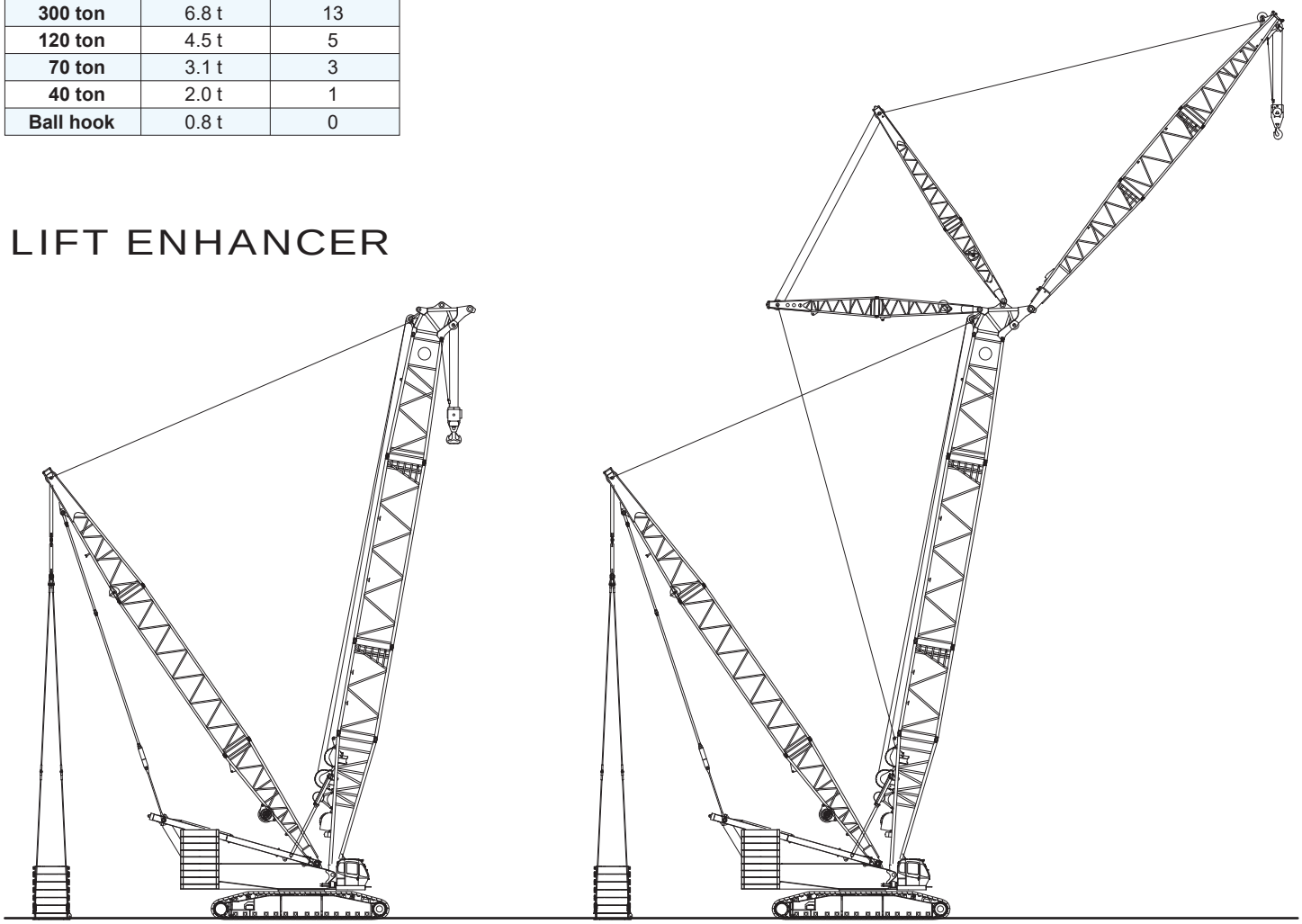
| Lift Enhancer | | | | STD | | | HL | | | SHL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boom Configurations | | | | Crane | | Luffing | Crane | | Luffing | Crane | | Luffing |
| | | | | Heavy | STD | | Heavy | STD | | Heavy | STD | |
| | | | Length | 42 m | 84 m | 60 m + 72 m | 42 m | 84 m | 60 m + 72 m | 42 m | 84 m | 84 m + 84 m |
| Boom | Boom Base | | 9 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Boom Top | Heavy Duty (550 t Capacity) | 1 m | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| | | Standard (300 t Capacity) | 1 m | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| | Insert Boom | 6 m | 6 m | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 |
| | | 12 m | 12 m | 1 | 5 | 3 | 1 | 5 | 3 | 1 | 5 | 5 |
| | | Taper | 8 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing | Jib Base | | 10 m | NA | | 1 | NA | | 1 | NA | | 1 |
| | Jib Top | | 8 m | | | 1 | | | 1 | | | 1 |
| | Insert Jib | 6 m | 6 m | | | 1 | | | 1 | | | 1 |
| | | 12 m | 12 m | | | 4 | | | 4 | | | 5 |
| HL Mast | Lower | | 9 m | NA | | NA | 1 | | | 1 | | |
| | Upper | | 9 m | | | | 1 | | | 1 | | |
| | Insert | | 12 m | | | | 1 | | | 1 | | |
| SHL Counterweight | Base Weight (10 t) | | | NA | | NA | NA | | | 1 | | |
| | Piece Weight (~240 t) | | | | | | | | | 1 | | |

* Additional jack or support crane is not necessary to lift above boom configuration

# HOOK BLOCKS

| Hooks | Weight | No. of sheaves |
|---|---|---|
| **550 ton** | 9.1 t | 22 |
| **300 ton** | 6.8 t | 13 |
| **120 ton** | 4.5 t | 5 |
| **70 ton** | 3.1 t | 3 |
| **40 ton** | 2.0 t | 1 |
| **Ball hook** | 0.8 t | 0 |

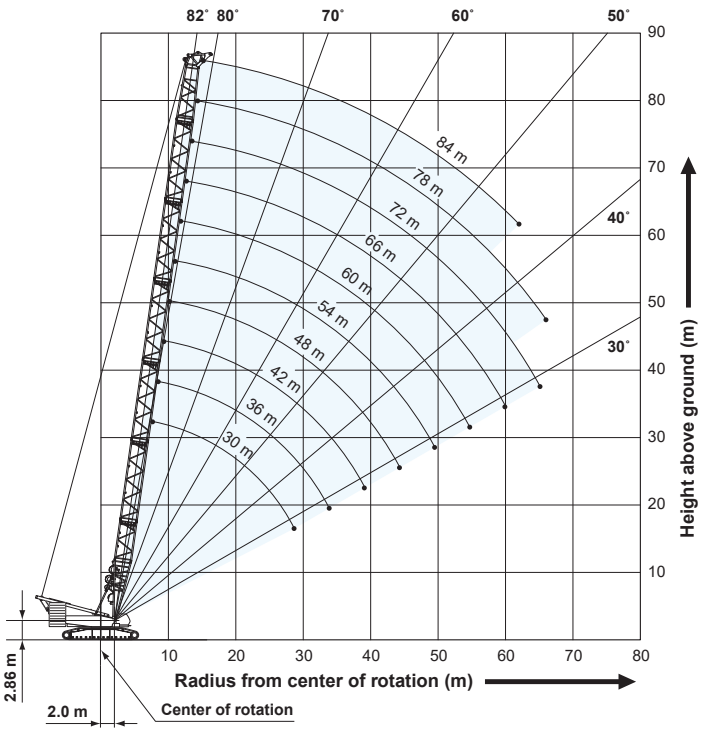
# LIFT ENHANCER



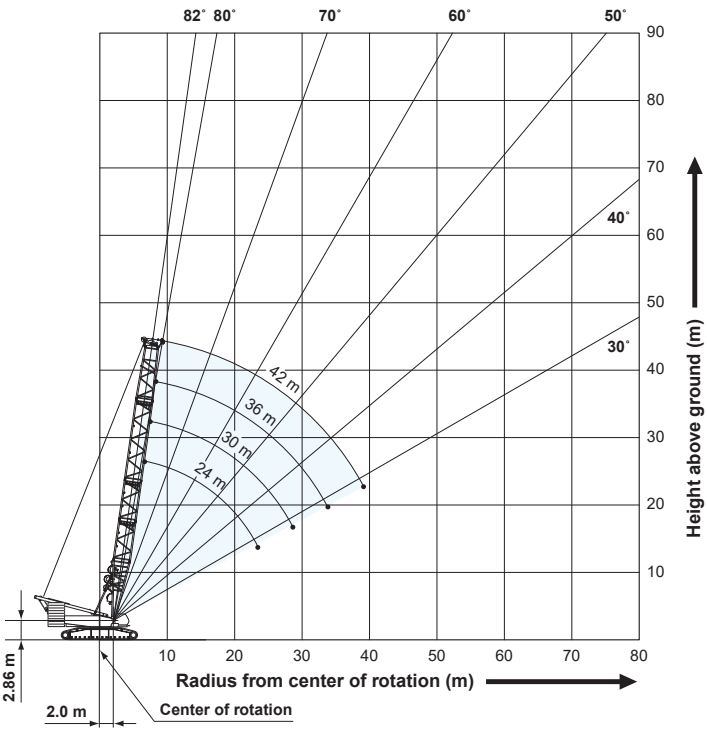
**SHL CRANE** **SHL LUFFING**

# WORKING RANGES

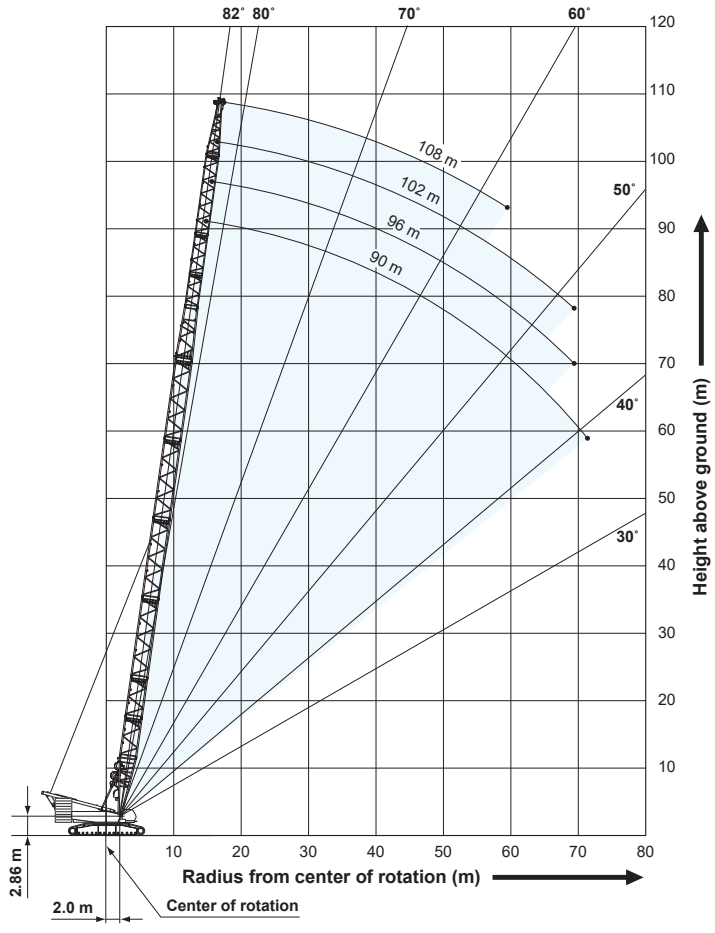
## CRANE BOOM



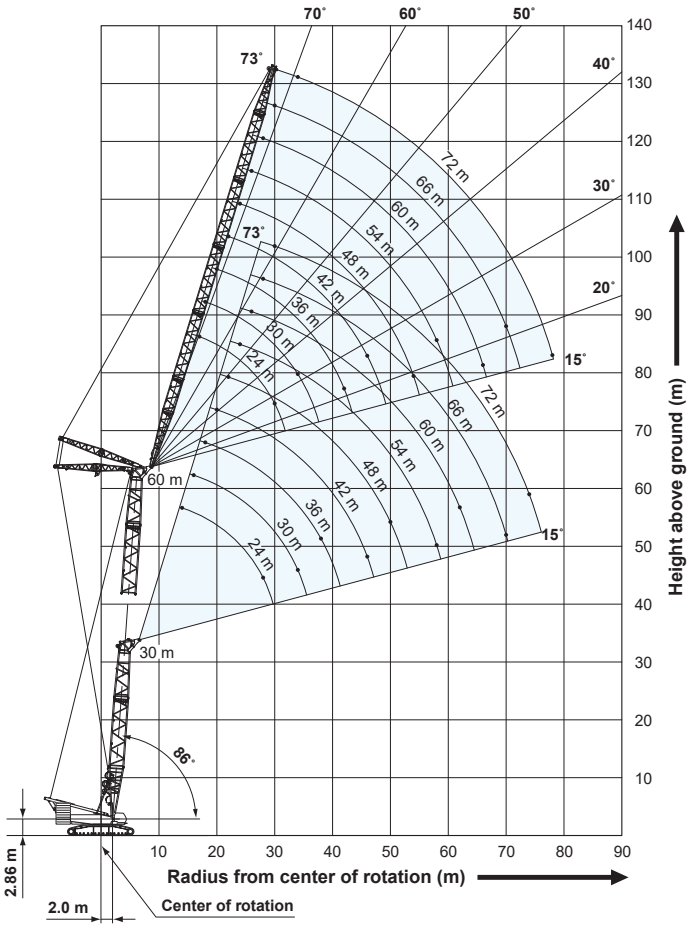

## HEAVY DUTY CRANE BOOM




## LONG BOOM




## LUFFING JIB **(Boom Angle 86°)**



# STANDARD

## CRANE BOOM LIFTING CAPACITY

Unit: metric ton

**Counterweight: 180.0 t, Carbody weight: 50.0 t**

| Working Radius (m) \ Boom Length (m) | 30.0 | 36.0 | 42.0 | 48.0 | 54.0 | 60.0 | 66.0 | 72.0 | 78.0 | 84.0 | Boom Length (m) / Working Radius (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **7.0** | 7.7 m/300.0 | | | | | | | | | | **7.0** |
| **8.0** | 300.0 | 8.5 m/300.0 | | | | | | | | | **8.0** |
| **9.0** | 300.0 | 300.0 | 9.3 m/300.0 | | | | | | | | **9.0** |
| **10.0** | 292.1 | 291.4 | 278.2 | 10.2 m/258.6 | 11.0 m/224.6 | 11.8 m/197.3 | | | | | **10.0** |
| **12.0** | 230.2 | 229.5 | 222.9 | 212.7 | 203.2 | 194.3 | 12.7 m/175.1 | 13.5 m/156.1 | | | **12.0** |
| **14.0** | 188.9 | 188.2 | 184.8 | 177.0 | 169.8 | 163.0 | 156.5 | 149.9 | 14.3 m/140.3 | 15.2 m/126.4 | **14.0** |
| **16.0** | 157.8 | 157.6 | 156.9 | 150.7 | 145.0 | 139.4 | 134.1 | 128.6 | 123.8 | 119.0 | **16.0** |
| **18.0** | 132.4 | 132.1 | 131.4 | 130.5 | 125.7 | 121.0 | 116.5 | 111.9 | 107.8 | 103.6 | **18.0** |
| **20.0** | 113.4 | 113.0 | 112.3 | 111.8 | 110.3 | 106.2 | 102.4 | 98.3 | 94.7 | 91.1 | **20.0** |
| **22.0** | 98.6 | 98.3 | 97.5 | 96.9 | 96.4 | 94.2 | 90.7 | 87.0 | 83.9 | 80.6 | **22.0** |
| **24.0** | 86.9 | 86.5 | 85.7 | 85.1 | 84.6 | 83.9 | 81.0 | 77.6 | 74.8 | 71.8 | **24.0** |
| **26.0** | 77.3 | 76.9 | 76.1 | 75.5 | 74.9 | 74.2 | 72.7 | 69.6 | 67.0 | 64.2 | **26.0** |
| **28.0** | 69.4 | 68.9 | 68.1 | 67.4 | 66.8 | 66.1 | 65.4 | 62.7 | 60.3 | 57.7 | **28.0** |
| **30.0** | 28.7 m/66.8 | 62.2 | 61.4 | 60.7 | 60.1 | 59.3 | 58.6 | 56.7 | 54.4 | 52.0 | **30.0** |
| **34.0** | | 33.9 m/51.7 | 50.7 | 49.9 | 49.3 | 48.4 | 47.7 | 46.7 | 44.7 | 42.4 | **34.0** |
| **38.0** | | | 42.6 | 41.8 | 41.0 | 40.2 | 39.4 | 38.4 | 37.0 | 34.9 | **38.0** |
| **42.0** | | | 39.1 m/40.7 | 35.4 | 34.6 | 33.7 | 32.7 | 31.4 | 30.4 | 28.7 | **42.0** |
| **46.0** | | | | 44.3 m/32.3 | 29.5 | 28.3 | 27.2 | 25.9 | 24.8 | 23.6 | **46.0** |
| **50.0** | | | | | 49.5 m/25.7 | 23.8 | 22.6 | 21.3 | 20.2 | 19.0 | **50.0** |
| **54.0** | | | | | | 20.6 | 18.9 | 17.5 | 16.4 | 15.1 | **54.0** |
| **58.0** | | | | | | 54.7 m/19.6 | 15.7 | 14.3 | 13.1 | 11.9 | **58.0** |
| **62.0** | | | | | | | 59.9 m/14.4 | 11.6 | 10.3 | 8.8 | **62.0** |
| **66.0** | | | | | | | | 65.1 m/9.7 | 7.6 | | **66.0** |

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.

## HEAVY DUTY CRANE BOOM LIFTING CAPACITY

Unit: metric ton

**Counterweight: 180.0 t, Carbody weight: 50.0 t**

| Working Radius (m) \ Boom Length (m) | 24.0 | 30.0 | 36.0 | 42.0 | Boom Length (m) / Working Radius (m) |
|---|---|---|---|---|---|
| **6.0** | 6.7 m/450.0 | | | | **6.0** |
| **7.0** | 425.0 | 7.5 m/390.0 | | | **7.0** |
| **8.0** | 375.0 | 365.0 | 8.3 m/340.0 | | **8.0** |
| **9.0** | 330.0 | 325.0 | 322.0 | 9.2 m/311.7 | **9.0** |
| **10.0** | 294.0 | 292.0 | 290.0 | 280.1 | **10.0** |
| **12.0** | 233.3 | 232.8 | 232.1 | 225.0 | **12.0** |
| **14.0** | 192.0 | 191.5 | 190.7 | 187.0 | **14.0** |
| **16.0** | 158.7 | 158.8 | 158.9 | 158.6 | **16.0** |
| **18.0** | 133.3 | 133.3 | 133.4 | 133.1 | **18.0** |
| **20.0** | 114.4 | 114.4 | 114.3 | 114.0 | **20.0** |
| **22.0** | 97.4 | 97.3 | 97.2 | 97.1 | **22.0** |
| **24.0** | | 87.0 | 86.9 | 86.4 | **24.0** |
| **26.0** | | 78.5 | 78.3 | 77.8 | **26.0** |
| **28.0** | | 70.7 | 70.4 | 69.8 | **28.0** |
| **30.0** | | 28.6 m/68.5 | 63.7 | 63.1 | **30.0** |
| **34.0** | | | 33.8 m/53.5 | 52.4 | **34.0** |
| **38.0** | | | | 44.4 | **38.0** |
| **42.0** | | | | 39.0 m/42.6 | **42.0** |

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.

## LONG BOOM LIFTING CAPACITY

Unit: metric ton

**Counterweight: 180.0 t, Carbody weight: 50.0 t**

| Working Radius (m) \ Boom Length (m) | 90.0 | 96.0 | 102.0 | 108.0 | Boom Length (m) / Working Radius (m) |
|---|---|---|---|---|---|
| **14.0** | 15.0 m/98.0 | 15.8 m/84.0 | | | **14.0** |
| **16.0** | 96.0 | 83.7 | 16.6 m/70.0 | 17.5m /60.0 | **16.0** |
| **18.0** | 93.0 | 81.1 | 68.5 | 58.8 | **18.0** |
| **20.0** | 90.0 | 78.5 | 66.3 | 55.1 | **20.0** |
| **22.0** | 81.1 | 76.0 | 64.2 | 51.4 | **22.0** |
| **24.0** | 72.6 | 70.8 | 62.1 | 48.4 | **24.0** |
| **26.0** | 64.9 | 64.2 | 60.0 | 45.4 | **26.0** |
| **28.0** | 58.4 | 58.3 | 57.3 | 42.9 | **28.0** |
| **30.0** | 52.9 | 52.8 | 51.3 | 40.4 | **30.0** |
| **34.0** | 44.1 | 43.3 | 42.1 | 36.7 | **34.0** |
| **38.0** | 37.0 | 35.8 | 35.1 | 33.2 | **38.0** |
| **42.0** | 31.0 | 30.2 | 29.7 | 28.6 | **42.0** |
| **46.0** | 26.0 | 25.4 | 24.9 | 22.6 | **46.0** |
| **50.0** | 21.8 | 21.3 | 20.8 | 17.3 | **50.0** |
| **54.0** | 18.1 | 17.6 | 17.1 | 12.7 | **54.0** |
| **58.0** | 14.8 | 14.4 | 14.0 | 8.7 | **58.0** |
| **62.0** | 12.0 | 11.6 | 11.1 | 60.0m /6.8 | **62.0** |
| **66.0** | 9.5 | 9.0 | 8.5 | | **66.0** |
| **70.0** | 7.2 | 6.7 | 6.2 | | **70.0** |
| **72.0** | 6.2 | | | | **72.0** |

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.

# STANDARD

## LUFFING JIB LIFTING CAPACITY

Unit: metric ton

**Counterweight: 180.0 t, Carbody weight: 50.0 t**

| Boom length (m) | | 30.0 | | | | | | | | | | 36.0 | | | | | | | | | | Boom length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jib length (m) | | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | Jib length (m) |
| Boom angle | | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | Boom angle |
| Working Radius (m) | 14.0 | 184.0 | | | | | | | | | | 15.0m/167.8 | | | | | | | | | | 14.0 |
| | 16.0 | 160.5 | | | | | | | | | | 157.0 | | | | | | | | | | 16.0 |
| | 18.0 | 141.6 | | | | | | | | | | 139.4 | | | | | | | | | | 18.0 |
| | 20.0 | 125.3 | | 111.6 | | | | | | | | 124.3 | | 111.0 | | | | | | | | 20.0 |
| | 22.0 | 112.2 | | 107.1 | | | | | | | | 111.3 | | 103.7 | | | | | | | | 22.0 |
| | 24.0 | 100.1 | | 97.9 | | 85.2 | | | | | | 99.8 | | 95.0 | | 84.7 | | | | | | 24.0 |
| | 26.0 | 89.8 | | 89.3 | | 85.2 | | | | | | 89.6 | | 87.6 | | 82.7 | | | | | | 26.0 |
| | 28.0 | 81.3 | | 80.9 | | 78.9 | | 67.3 | | | | 81.1 | | 80.7 | | 76.6 | | 66.8 | | | | 28.0 |
| | 30.0 | | | 73.8 | | 73.1 | | 67.3 | | 60.2 | | 73.8 | | 73.6 | | 71.3 | | 66.8 | | 59.7 | | 30.0 |
| | 34.0 | | 54.9 | 62.5 | | 61.9 | | 60.4 | | 58.7 | | | | 62.4 | | 61.5 | | 58.7 | | 57.0 | | 34.0 |
| | 38.0 | | 47.3 | 54.0 | | 53.3 | | 52.2 | | 51.8 | | | 45.4 | 53.8 | | 53.0 | | 51.9 | | 50.3 | | 38.0 |
| | 42.0 | | | 47.2 | | 46.6 | | 45.5 | | 45.1 | | | 39.6 | 47.1 | | 46.3 | | 45.2 | | 44.9 | | 42.0 |
| | 46.0 | | | 41.8 | 35.1 | 41.2 | | 40.1 | | 39.4 | | | | 41.7 | 33.5 | 40.9 | | 39.8 | | 39.2 | | 46.0 |
| | 50.0 | | | | 31.3 | 36.7 | 30.2 | 34.6 | | 33.0 | | | | | 29.8 | 36.5 | | 34.4 | | 32.8 | | 50.0 |
| | 54.0 | | | | 28.1 | 32.7 | 27.0 | 29.5 | | 27.8 | | | | | 26.7 | 32.4 | 25.1 | 29.2 | | 27.5 | | 54.0 |
| | 58.0 | | | | | 28.5 | 24.2 | 25.2 | 21.9 | 23.5 | | | | | 24.0 | 28.1 | 22.4 | 24.9 | | 23.1 | | 58.0 |
| | 62.0 | | | | | | 21.9 | 21.6 | 19.5 | 19.8 | 18.3 | | | | | | 20.1 | 21.2 | 17.7 | 19.4 | | 62.0 |
| | 66.0 | | | | | | 19.9 | 18.6 | 17.5 | 16.7 | 16.3 | | | | | | 18.1 | 18.1 | 15.8 | 16.3 | 14.5 | 66.0 |
| | 70.0 | | | | | | | 16.1 | 15.8 | 14.1 | 14.5 | | | | | | 16.3 | 15.5 | 14.1 | 13.6 | 12.8 | 70.0 |
| | 74.0 | | | | | | | | 14.3 | 11.9 | 13.0 | | | | | | | | 12.7 | 11.3 | 11.4 | 74.0 |
| | 78.0 | | | | | | | | 13.0 | | 11.7 | | | | | | | | 11.3 | | 10.1 | 78.0 |
| | 82.0 | | | | | | | | | | 10.6 | | | | | | | | 10.1 | | 9.1 | 82.0 |
| | 86.0 | | | | | | | | | | 9.8 | | | | | | | | | | 8.2 | 86.0 |

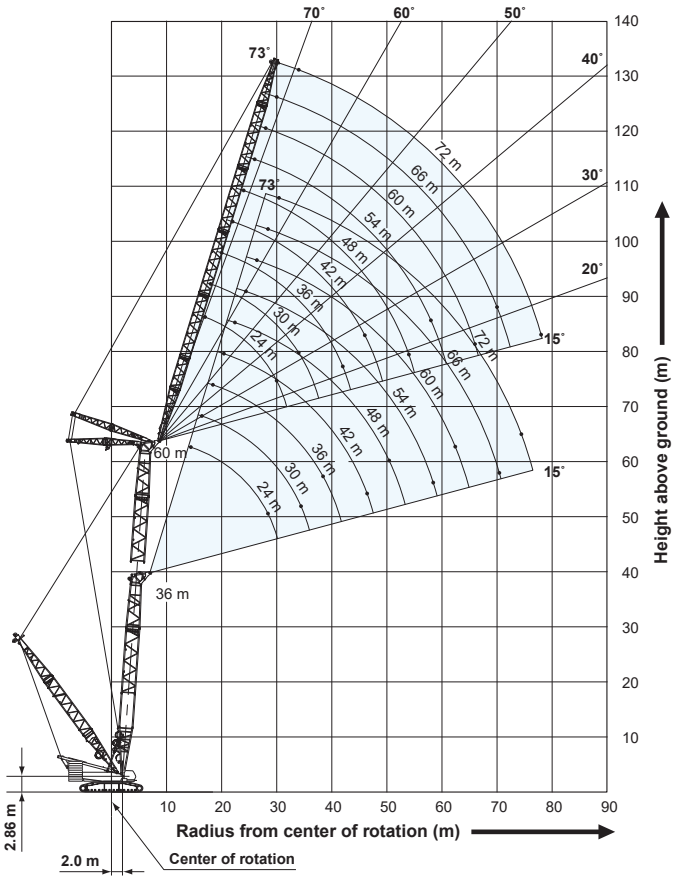
| Boom length (m) | | 42.0 | | | | | | | | | | 48.0 | | | | | | | | | | Boom length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jib length (m) | | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | Jib length (m) |
| Boom angle | | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | Boom angle |
| Working Radius (m) | 14.0 | 15.0m/159.9 | | | | | | | | | | | | | | | | | | | | 14.0 |
| | 16.0 | 151.0 | | | | | | | | | | 145.2 | | | | | | | | | | 16.0 |
| | 18.0 | 134.4 | | | | | | | | | | 129.6 | | | | | | | | | | 18.0 |
| | 20.0 | 121.0 | | | | | | | | | | 116.9 | | | | | | | | | | 20.0 |
| | 22.0 | 110.0 | | 96.6 | | | | | | | | 106.4 | | 96.0 | | | | | | | | 22.0 |
| | 24.0 | 99.3 | | 92.1 | | 84.1 | | | | | | 97.7 | | 89.1 | | 82.4 | | | | | | 24.0 |
| | 26.0 | 89.1 | | 85.0 | | 80.2 | | | | | | 88.8 | | 82.3 | | 77.6 | | | | | | 26.0 |
| | 28.0 | 80.6 | | 78.8 | | 74.4 | | 66.3 | | | | 80.3 | | 76.4 | | 72.0 | | 65.7 | | | | 28.0 |
| | 30.0 | 73.4 | | 73.4 | | 69.2 | | 65.1 | | 59.2 | | 73.2 | | 71.2 | | 67.1 | | 63.0 | | 58.6 | | 30.0 |
| | 34.0 | | | 62.2 | | 60.7 | | 57.0 | | 55.3 | | | | 61.8 | | 58.9 | | 55.2 | | 53.5 | | 34.0 |
| | 38.0 | | 43.1 | 53.7 | | 52.7 | | 50.4 | | 48.9 | | | | 53.3 | | 51.9 | | 48.8 | | 47.3 | | 38.0 |
| | 42.0 | | 37.6 | 47.0 | | 46.0 | | 44.9 | | 43.5 | | | 35.2 | 46.6 | | 45.4 | | 43.6 | | 42.2 | | 42.0 |
| | 46.0 | | | 41.6 | | 40.6 | | 39.5 | | 38.7 | | | 30.9 | 41.2 | | 40.2 | | 39.2 | | 37.9 | | 46.0 |
| | 50.0 | | | | 27.8 | 36.2 | | 34.0 | | 32.4 | | | | | 25.0 | 35.9 | | 33.5 | | 31.9 | | 50.0 |
| | 54.0 | | | | 24.8 | 32.0 | | 28.8 | | 27.1 | | | | | 22.2 | 31.4 | | 28.3 | | 26.6 | | 54.0 |
| | 58.0 | | | | 22.2 | 27.7 | 20.1 | 24.4 | | 22.7 | | | | | 19.7 | 27.1 | 17.6 | 23.9 | | 22.2 | | 58.0 |
| | 62.0 | | | | 19.9 | | 17.9 | 20.8 | 15.8 | 19.0 | | | | | 17.6 | | 15.6 | 20.2 | | 18.4 | | 62.0 |
| | 66.0 | | | | | | 16.0 | 17.6 | 13.9 | 15.8 | 12.6 | | | | | | 13.8 | 17.1 | 11.7 | 15.2 | | 66.0 |
| | 70.0 | | | | | | 14.3 | 15.0 | 12.3 | 13.1 | 11.0 | | | | | | 12.2 | 14.4 | 10.1 | 12.5 | 9.1 | 70.0 |
| | 74.0 | | | | | | 12.9 | | 10.8 | 10.8 | 9.6 | | | | | | 10.9 | | 8.8 | 10.2 | 7.8 | 74.0 |
| | 78.0 | | | | | | | | 9.5 | | 8.4 | | | | | | | | 7.6 | | 6.7 | 78.0 |
| | 82.0 | | | | | | | | 8.4 | | 7.4 | | | | | | | | 6.5 | | | 82.0 |
| | 86.0 | | | | | | | | | | 6.6 | | | | | | | | | | | 86.0 |
| | 90.0 | | | | | | | | | | 5.7 | | | | | | | | | | | 90.0 |

| Boom length (m) | | 54.0 | | | | | | | | | | 60.0 | | | | | | | | | | Boom length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jib length (m) | | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | Jib length (m) |
| Boom angle | | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | Boom angle |
| Working Radius (m) | 16.0 | 139.5 | | | | | | | | | | 17.0m/126.9 | | | | | | | | | | 16.0 |
| | 18.0 | 124.8 | | | | | | | | | | 120.1 | | | | | | | | | | 18.0 |
| | 20.0 | 112.8 | | | | | | | | | | 108.7 | | | | | | | | | | 20.0 |
| | 22.0 | 102.8 | | 93.7 | | | | | | | | 99.3 | | 90.4 | | | | | | | | 22.0 |
| | 24.0 | 94.5 | | 86.1 | | | | | | | | 91.3 | | 83.2 | | | | | | | | 24.0 |
| | 26.0 | 87.3 | | 79.6 | | 74.0 | | | | | | 84.5 | | 77.0 | | 72.4 | | | | | | 26.0 |
| | 28.0 | 80.0 | | 74.0 | | 69.7 | | 64.2 | | | | 78.6 | | 71.5 | | 67.3 | | | | | | 28.0 |
| | 30.0 | 72.8 | | 69.0 | | 65.0 | | 60.9 | | 58.1 | | 72.5 | | 66.7 | | 62.8 | | 58.3 | | | | 30.0 |
| | 34.0 | | | 60.6 | | 57.0 | | 53.4 | | 51.7 | | | | 58.7 | | 55.2 | | 51.5 | | 47.7 | | 34.0 |
| | 38.0 | | | 52.9 | | 50.6 | | 47.2 | | 45.8 | | | | 52.3 | | 49.0 | | 45.6 | | 44.2 | | 38.0 |
| | 42.0 | | 32.1 | 46.2 | | 45.2 | | 42.2 | | 40.8 | | | | 45.8 | | 43.9 | | 40.7 | | 39.4 | | 42.0 |
| | 46.0 | | 28.1 | 40.9 | | 39.9 | | 37.9 | | 36.6 | | | 25.1 | 40.5 | | 39.6 | | 36.6 | | 35.3 | | 46.0 |
| | 50.0 | | | | | 35.5 | | 32.7 | | 31.2 | | | 22.0 | | | 34.8 | | 31.7 | | 30.1 | | 50.0 |
| | 54.0 | | | | 19.5 | 30.7 | | 27.6 | | 25.9 | | | | | | 29.8 | | 26.7 | | 25.0 | | 54.0 |
| | 58.0 | | | | 17.2 | 26.4 | | 23.2 | | 21.5 | | | | | 14.4 | 25.6 | | 22.4 | | 20.7 | | 58.0 |
| | 62.0 | | | | 15.2 | | 13.1 | 19.6 | | 17.8 | | | | | 12.7 | | 10.9 | 18.8 | | 17.1 | | 62.0 |
| | 66.0 | | | | 13.6 | | 11.5 | 16.5 | | 14.6 | | | | | 11.1 | | 9.4 | 15.8 | | 14.0 | | 66.0 |
| | 70.0 | | | | | | 10.0 | 13.8 | | 11.9 | | | | | | | 8.0 | 13.1 | | 11.3 | | 70.0 |
| | 74.0 | | | | | | 8.8 | | | 9.6 | | | | | | | 6.9 | | | 9.0 | | 74.0 |
| | 78.0 | | | | | | 7.7 | | | | | | | | | | | | | 7.0 | | 78.0 |
| | 82.0 | | | | | | | | | | | | | | | | | | | | | 82.0 |
| | 86.0 | | | | | | | | | | | | | | | | | | | | | 86.0 |

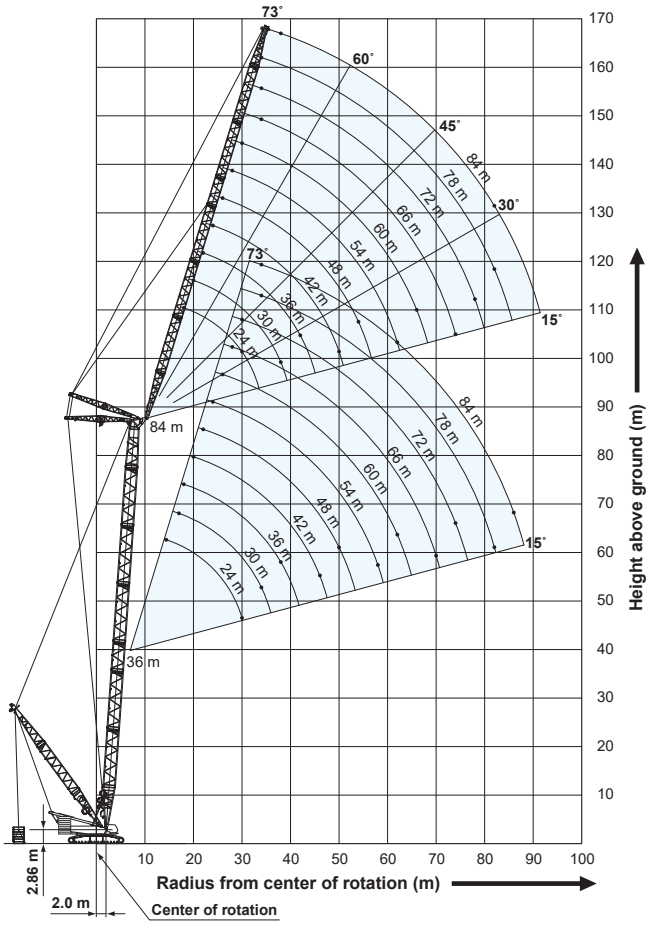
Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.

# WORKING RANGES

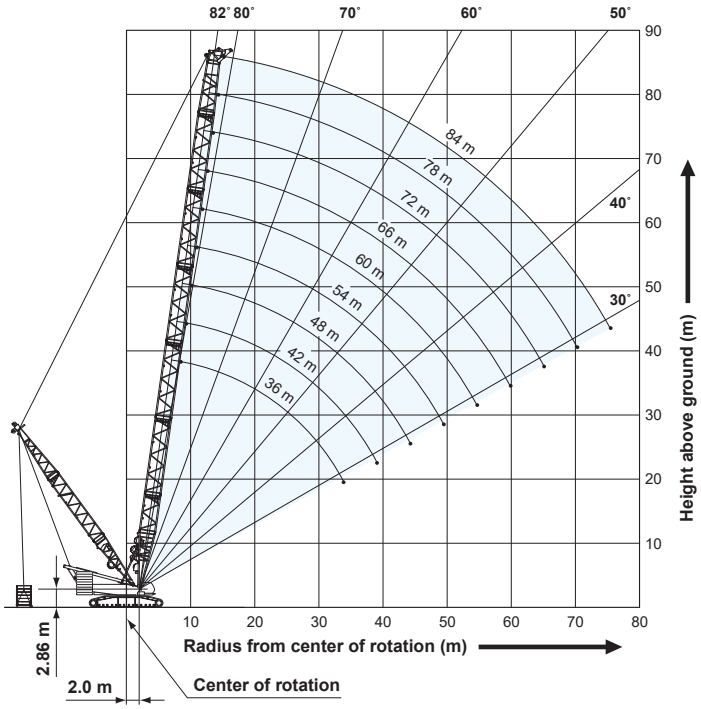
## HL LUFFING JIB (Boom Angle 86°)



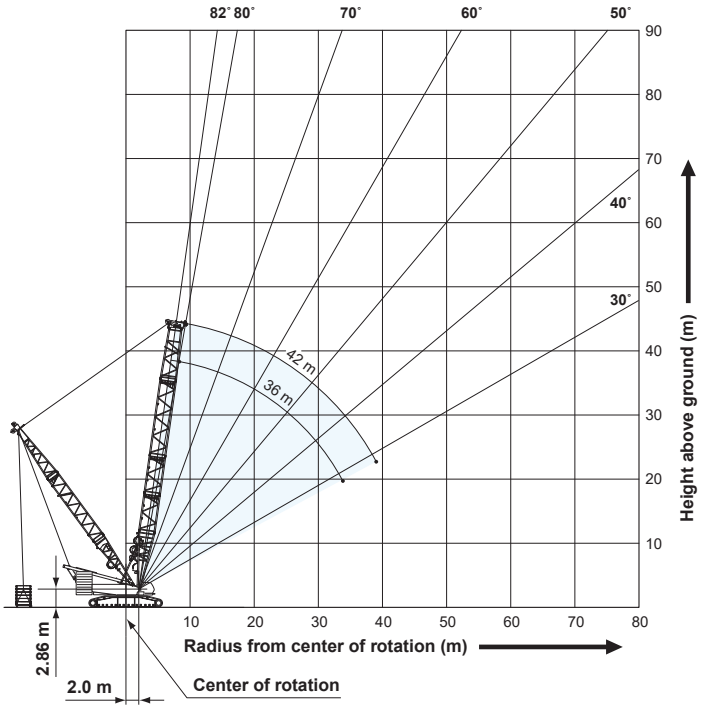

## SHL LUFFING JIB (Boom Angle 86°)




## SHL CRANE BOOM




## SHL HEAVY DUTY CRANE BOOM



# LUFFING JIB LIFTING CAPACITY

Unit: metric ton

**Counterweight: 180.0 t, Carbody weight: 50.0 t, HL mast point radius: 16 m**

| Boom length (m) | 36.0 | | | | | | | | | | 42.0 | | | | | | | | | | Boom length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jib length (m) | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | Jib length (m) |
| Boom angle | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | Boom angle |
| 14.0 | 14.4m/200.0 | | | | | | | | | | 15.0m/185.7 | | | | | | | | | | 14.0 |
| 16.0 | 181.9 | | | | | | | | | | 175.9 | | | | | | | | | | 16.0 |
| 18.0 | 159.4 | | | | | | | | | | 156.3 | | | | | | | | | | 18.0 |
| 20.0 | 141.1 | | 132.7 | | | | | | | | 140.0 | | | | | | | | | | 20.0 |
| 22.0 | 126.4 | | 120.5 | | | | | | | | 125.4 | | 116.7 | | | | | | | | 22.0 |
| 24.0 | 114.4 | | 110.2 | | 101.5 | | | | | | 113.5 | | 106.9 | | 94.1 | | | | | | 24.0 |
| 26.0 | 103.2 | | 101.4 | | 96.5 | | | | | | 102.7 | | 98.4 | | 93.1 | | | | | | 26.0 |
| 28.0 | 93.9 | | 92.1 | | 89.3 | | 76.0 | | | | 93.4 | | 91.2 | | 86.7 | | 74.9 | | | | 28.0 |
| 30.0 | 85.9 | | 84.3 | | 83.0 | | 74.1 | | 64.3 | | 85.5 | | 83.8 | | 80.6 | | 73.6 | | 61.0 | | 30.0 |
| 34.0 | | | 71.7 | | 70.9 | | 68.8 | | 60.0 | | | | 71.3 | | 70.4 | | 66.9 | | 58.9 | | 34.0 |
| 38.0 | | 54.8 | 62.2 | | 61.3 | | 60.2 | | 54.2 | | | 52.5 | 61.8 | | 60.9 | | 59.1 | | 54.0 | | 38.0 |
| 42.0 | | 48.2 | 54.7 | | 53.8 | | 52.7 | | 49.3 | | | 46.1 | 54.3 | | 53.4 | | 52.3 | | 48.9 | | 42.0 |
| 46.0 | | | 48.7 | 40.4 | 47.7 | | 46.6 | | 45.1 | | | | 48.4 | | 47.4 | | 46.3 | | 45.0 | | 46.0 |
| 50.0 | | | | 36.2 | 42.7 | | 41.6 | | 41.1 | | | | | 34.1 | 42.4 | | 41.3 | | 40.8 | | 50.0 |
| 54.0 | | | | 32.6 | 38.6 | 30.5 | 37.4 | | 36.9 | | | | | 30.9 | 38.3 | | 37.1 | | 36.7 | | 54.0 |
| 58.0 | | | | 29.7 | 35.1 | 28.3 | 33.8 | | 33.4 | | | | | 28.0 | 34.8 | 25.7 | 33.5 | | 33.1 | | 58.0 |
| 62.0 | | | | | | 25.7 | 30.8 | 22.8 | 30.3 | | | | | 25.6 | | 24.1 | 30.5 | 20.9 | 30.0 | | 62.0 |
| 66.0 | | | | | | 23.5 | 28.2 | 22.0 | 27.7 | 19.4 | | | | | | 22.0 | 27.9 | 20.5 | 27.4 | 17.4 | 66.0 |
| 70.0 | | | | | | 21.6 | 25.9 | 20.0 | 25.4 | 19.4 | | | | | | 20.2 | 25.7 | 18.6 | 25.1 | 17.4 | 70.0 |
| 74.0 | | | | | | | | 18.3 | 23.4 | 17.7 | | | | | | 18.6 | | 17.0 | 23.1 | 16.3 | 74.0 |
| 78.0 | | | | | | | | 16.8 | | 16.2 | | | | | | | | 15.5 | | 14.8 | 78.0 |
| 82.0 | | | | | | | | 15.5 | | 14.9 | | | | | | | | 14.3 | | 13.5 | 82.0 |
| 86.0 | | | | | | | | | | 13.7 | | | | | | | | | | 12.3 | 86.0 |
| 90.0 | | | | | | | | | | | | | | | | | | | | 11.2 | 90.0 |

| Boom length (m) | 54.0 | | | | | | | | | | 60.0 | | | | | | | | | | Boom length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jib length (m) | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | Jib length (m) |
| Boom angle | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | Boom angle |
| 16.0 | 163.1 | | | | | | | | | | 17.0m/148.6 | | | | | | | | | | 16.0 |
| 18.0 | 145.5 | | | | | | | | | | 140.3 | | | | | | | | | | 18.0 |
| 20.0 | 131.2 | | | | | | | | | | 126.7 | | | | | | | | | | 20.0 |
| 22.0 | 119.3 | | 109.3 | | | | | | | | 115.4 | | 103.2 | | | | | | | | 22.0 |
| 24.0 | 109.4 | | 100.2 | | | | | | | | 105.9 | | 97.0 | | | | | | | | 24.0 |
| 26.0 | 101.0 | | 92.5 | | 80.7 | | | | | | 97.8 | | 89.5 | | 76.5 | | | | | | 26.0 |
| 28.0 | 92.4 | | 85.7 | | 78.2 | | 63.1 | | | | 90.8 | | 83.0 | | 74.2 | | | | | | 28.0 |
| 30.0 | 84.5 | | 79.8 | | 75.6 | | 61.8 | | 55.1 | | 84.0 | | 77.3 | | 71.7 | | 58.2 | | | | 30.0 |
| 34.0 | | | 69.9 | | 66.5 | | 58.7 | | 52.9 | | | | 67.8 | | 64.4 | | 55.3 | | 49.4 | | 34.0 |
| 38.0 | | | 60.9 | | 58.9 | | 55.2 | | 50.3 | | | | 60.2 | | 57.1 | | 52.1 | | 47.0 | | 38.0 |
| 42.0 | | 41.4 | 53.5 | | 52.6 | | 49.6 | | 47.5 | | | | 53.1 | | 51.0 | | 48.1 | | 44.3 | | 42.0 |
| 46.0 | | 36.7 | 47.6 | | 46.7 | | 44.6 | | 43.4 | | | 34.5 | 47.1 | | 46.0 | | 43.2 | | 41.6 | | 46.0 |
| 50.0 | | | | | 41.7 | | 40.3 | | 39.2 | | | 30.7 | | | 41.3 | | 39.0 | | 37.9 | | 50.0 |
| 54.0 | | | | 26.7 | 37.6 | | 36.5 | | 35.5 | | | | | | 37.2 | | 35.4 | | 34.4 | | 54.0 |
| 58.0 | | | | 24.3 | 34.2 | | 33.0 | | 32.4 | | | | | 21.7 | 33.8 | | 32.3 | | 31.3 | | 58.0 |
| 62.0 | | | | 22.0 | | 19.0 | 30.0 | | 29.5 | | | | | 19.7 | | 16.8 | 29.6 | | 28.6 | | 62.0 |
| 66.0 | | | | 20.1 | | 18.2 | 27.4 | | 26.9 | | | | | 18.0 | | 15.6 | 27.1 | | 26.3 | | 66.0 |
| 70.0 | | | | | | 16.6 | 25.1 | 12.6 | 24.6 | | | | | | | 14.1 | 24.8 | 10.5 | 24.2 | | 70.0 |
| 74.0 | | | | | | 15.2 | | 12.6 | 22.6 | 9.8 | | | | | | 12.8 | | 10.3 | 22.4 | | 74.0 |
| 78.0 | | | | | | 14.1 | | 11.4 | | 9.8 | | | | | | 11.7 | | 9.1 | 20.6 | | 78.0 |
| 82.0 | | | | | | | | 10.3 | | 9.3 | | | | | | | | 8.1 | | | 82.0 |
| 86.0 | | | | | | | | 9.3 | | 8.3 | | | | | | | | 7.2 | | | 86.0 |
| 90.0 | | | | | | | | 8.6 | | 7.4 | | | | | | | | 6.5 | | | 90.0 |
| 94.0 | | | | | | | | | | 6.7 | | | | | | | | | | | 94.0 |

| Boom length (m) | 66.0* (See notes) | | | | | | | | | | 78.0* (See notes) | | | | | | Boom length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jib length (m) | 24.0 | | 42.0 | | 54.0 | | 66.0 | | 72.0 | | 30.0 | | 36.0 | | 42.0 | | Jib length (m) |
| Boom angle | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | Boom angle |
| 16.0 | 17.0m/143.0 | | | | | | | | | | | | | | | | 16.0 |
| 18.0 | 135.1 | | | | | | | | | | | | | | | | 18.0 |
| 20.0 | 122.2 | | | | | | | | | | 104.5 | | | | | | 20.0 |
| 22.0 | 111.4 | | 95.3 | | | | | | | | 99.2 | | 91.2 | | | | 22.0 |
| 24.0 | 102.3 | | 91.5 | | | | | | | | 92.1 | | 87.0 | | 77.9 | | 24.0 |
| 26.0 | 94.5 | | 86.5 | | 71.3 | | | | | | 85.1 | | 82.7 | | 74.7 | | 26.0 |
| 28.0 | 87.8 | | 80.3 | | 68.1 | | | | | | 79.0 | | 77.0 | | 71.3 | | 28.0 |
| 30.0 | 82.0 | | 74.8 | | 66.6 | | 55.1 | | | | 73.7 | | 71.8 | | 68.0 | | 30.0 |
| 34.0 | | | 65.6 | | 61.6 | | 52.2 | | 46.4 | | 64.8 | | 63.1 | | 61.1 | | 34.0 |
| 38.0 | | | 58.2 | | 55.2 | | 49.0 | | 44.0 | | 58.0 | | 56.1 | | 54.2 | | 38.0 |
| 42.0 | | | 52.2 | | 49.3 | | 45.7 | | 41.4 | | | | 50.5 | | 48.6 | | 42.0 |
| 46.0 | | | 46.7 | | 44.5 | | 41.7 | | 38.8 | | | | | | 44.0 | | 46.0 |
| 50.0 | | 28.0 | | | 40.3 | | 37.6 | | 36.2 | | | | | | 40.3 | | 50.0 |
| 54.0 | | 25.4 | | | 36.9 | | 34.2 | | 33.1 | | | | | | | | 54.0 |
| 58.0 | | | | 18.4 | 33.4 | | 31.2 | | 30.1 | | | 14.5 | | | | | 58.0 |
| 62.0 | | | | 16.6 | | | 28.6 | | 27.5 | | | 12.9 | | 11.8 | | 10.4 | 62.0 |
| 66.0 | | | | 15.0 | | 12.5 | 26.3 | | 25.3 | | | | | 10.5 | | 9.0 | 66.0 |
| 70.0 | | | | 13.7 | | 11.4 | 24.4 | | 23.3 | | | | | 9.4 | | 7.9 | 70.0 |
| 74.0 | | | | | | 10.2 | | | 21.5 | | | | | | | 7.0 | 74.0 |
| 78.0 | | | | | | 9.1 | | | 20.1 | | | | | | | | 78.0 |
| 82.0 | | | | | | 8.3 | | | | | | | | | | | 82.0 |

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.
*When erecting or lowering the boom length of 66 m or over, palette weight must be required.

# SUPER HEAVY LIFT

## CRANE BOOM LIFTING CAPACITY

Unit: metric ton

**Counterweight: 180.0 t, Carbody weight: 50.0 t, Palette weight: 250.0 t x 16 m**

| Working Radius (m) \ Boom Length (m) | 36.0 | 42.0 | 48.0 | 54.0 | 60.0 | 66.0 | 72.0 | 78.0 | 84.0 | Boom Length (m) \ Working Radius (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| **8.0** | 8.5 m/300.0 | | | | | | | | | **8.0** |
| **9.0** | 300.0 | 9.3 m/300.0 | | | | | | | | **9.0** |
| **10.0** | 300.0 | 300.0 | 10.2 m/300.0 | 11.0 m/280.0 | 11.8 m/280.0 | | | | | **10.0** |
| **12.0** | 300.0 | 300.0 | 300.0 | 280.0 | 280.0 | 12.7 m/280.0 | 13.5 m/252.0 | | | **12.0** |
| **14.0** | 300.0 | 300.0 | 300.0 | 280.0 | 280.0 | 280.0 | 252.0 | 14.3 m/213.5 | 15.2 m/182.8 | **14.0** |
| **16.0** | 300.0 | 300.0 | 300.0 | 280.0 | 280.0 | 280.0 | 252.0 | 213.5 | 182.8 | **16.0** |
| **18.0** | 300.0 | 300.0 | 300.0 | 280.0 | 280.0 | 280.0 | 252.0 | 213.5 | 182.8 | **18.0** |
| **20.0** | 300.0 | 300.0 | 300.0 | 280.0 | 280.0 | 280.0 | 252.0 | 213.5 | 182.8 | **20.0** |
| **22.0** | 277.5 | 276.6 | 275.6 | 274.4 | 273.5 | 272.2 | 252.0 | 213.5 | 182.8 | **22.0** |
| **24.0** | 248.9 | 251.3 | 251.0 | 250.2 | 249.7 | 248.4 | 247.1 | 213.5 | 182.8 | **24.0** |
| **26.0** | 223.0 | 228.6 | 228.3 | 227.5 | 227.1 | 226.1 | 225.1 | 213.5 | 182.8 | **26.0** |
| **28.0** | 199.8 | 209.5 | 209.1 | 208.3 | 207.8 | 206.8 | 205.8 | 205.0 | 182.8 | **28.0** |
| **30.0** | 177.0 | 193.0 | 192.6 | 191.9 | 191.3 | 190.3 | 189.3 | 188.5 | 182.5 | **30.0** |
| **34.0** | 33.9 m/136.8 | 161.9 | 165.9 | 165.1 | 164.5 | 163.5 | 162.5 | 161.6 | 160.5 | **34.0** |
| **38.0** | | 130.7 | 145.1 | 144.3 | 143.7 | 142.7 | 141.6 | 140.8 | 139.6 | **38.0** |
| **42.0** | | 39.1 m/122.1 | 123.2 | 127.6 | 127.0 | 126.0 | 124.9 | 124.0 | 122.9 | **42.0** |
| **46.0** | | | 44.3 m/109.1 | 113.1 | 113.4 | 112.3 | 111.2 | 110.4 | 109.2 | **46.0** |
| **50.0** | | | | 49.5 m/97.3 | 102.0 | 100.9 | 99.8 | 99.0 | 97.8 | **50.0** |
| **54.0** | | | | | 90.0 | 91.3 | 90.2 | 89.3 | 88.2 | **54.0** |
| **58.0** | | | | | 54.7 m/87.2 | 83.0 | 81.9 | 81.1 | 79.9 | **58.0** |
| **62.0** | | | | | | 59.9 m/77.8 | 74.7 | 73.9 | 72.7 | **62.0** |
| **66.0** | | | | | | | 65.1 m/69.4 | 67.6 | 66.4 | **66.0** |
| **70.0** | | | | | | | | 62.0 | 60.9 | **70.0** |
| **74.0** | | | | | | | | 70.3 m/61.7 | 55.9 | **74.0** |
| **78.0** | | | | | | | | | 75.5 m/54.2 | **78.0** |

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.

## HEAVY DUTY CRANE BOOM LIFTING CAPACITY

Unit: metric ton

**Counterweight: 180.0 t,**
**Carbody weight: 50.0 t,**
**Palette weight: 250.0 t x 16 m**

| Working Radius (m) \ Boom Length (m) | 36.0 | 42.0 | Boom Length (m) \ Working Radius (m) |
|---|---|---|---|
| **8.0** | 8.3 m/550.0 | | **8.0** |
| **9.0** | 544.9 | 9.2 m/527.3 | **9.0** |
| **10.0** | 537.4 | 519.9 | **10.0** |
| **12.0** | 511.5 | 503.7 | **12.0** |
| **14.0** | 439.6 | 438.8 | **14.0** |
| **16.0** | 385.3 | 384.2 | **16.0** |
| **18.0** | 342.4 | 341.4 | **18.0** |
| **20.0** | 307.9 | 306.9 | **20.0** |
| **22.0** | 279.5 | 278.5 | **22.0** |
| **24.0** | 250.7 | 253.5 | **24.0** |
| **26.0** | 224.9 | 230.9 | **26.0** |
| **28.0** | 201.5 | 211.7 | **28.0** |
| **30.0** | 178.8 | 195.2 | **30.0** |
| **34.0** | 33.8 m/139.6 | 164.0 | **34.0** |
| **38.0** | | 132.8 | **38.0** |
| **42.0** | | 39.0 m/124.8 | **42.0** |

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.

# SUPER HEAVY LIFT

## LUFFING JIB LIFTING CAPACITY

Unit: metric ton

**Counterweight: 180.0 t, Carbody weight: 50.0 t, Palette weight: 130.0 t x 16 m**

| Boom length (m) | 36.0 | | | | | | | | | | 42.0 | | | | | | | | | | Boom length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jib length (m) | 24.0 | | 42.0 | | 60.0 | | 78.0 | | 84.0 | | 24.0 | | 42.0 | | 60.0 | | 78.0 | | 84.0 | | Jib length (m) |
| Boom angle | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | Boom angle |
| 14.0 | 14.4m/200.0 | | | | | | | | | | 15.0m/193.1 | | | | | | | | | | 14.0 |
| 16.0 | 181.9 | | | | | | | | | | 187.1 | | | | | | | | | | 16.0 |
| 18.0 | 169.5 | | | | | | | | | | 177.2 | | | | | | | | | | 18.0 |
| 20.0 | 163.4 | | 139.6 | | | | | | | | 169.7 | | | | | | | | | | 20.0 |
| 22.0 | 158.1 | | 133.8 | | | | | | | | 164.4 | | 127.7 | | | | | | | | 22.0 |
| 24.0 | 155.5 | | 126.8 | | | | | | | | 158.2 | | 122.6 | | | | | | | | 24.0 |
| 26.0 | 145.9 | | 120.7 | | 87.0 | | | | | | 146.3 | | 117.2 | | 81.8 | | | | | | 26.0 |
| 28.0 | 129.4 | | 115.5 | | 85.4 | | | | | | 132.6 | | 111.8 | | 80.1 | | | | | | 28.0 |
| 30.0 | 98.3 | | 111.2 | | 83.6 | | | | | | 108.4 | | 106.2 | | 78.1 | | | | | | 30.0 |
| 34.0 | | | 104.4 | | 79.5 | | 54.8 | | 48.4 | | | | 95.3 | | 73.7 | | 52.0 | | 46.2 | | 34.0 |
| 38.0 | | 105.7 | 89.9 | | 74.8 | | 53.1 | | 47.2 | | | 102.9 | 85.2 | | 68.9 | | 50.2 | | 44.9 | | 38.0 |
| 42.0 | | 94.6 | 78.0 | | 69.9 | | 51.2 | | 45.8 | | | 92.1 | 76.4 | | 63.9 | | 48.1 | | 43.3 | | 42.0 |
| 46.0 | | | 64.8 | 82.3 | 64.9 | | 49.0 | | 42.7 | | | | 67.6 | | 59.1 | | 45.8 | | 41.6 | | 46.0 |
| 50.0 | | | | 74.8 | 60.1 | | 46.6 | | 39.7 | | | | | 72.6 | 54.5 | | 43.1 | | 39.7 | | 50.0 |
| 54.0 | | | | 68.4 | 55.2 | | 44.6 | | 37.0 | | | | | 66.4 | 50.1 | | 41.1 | | 37.2 | | 54.0 |
| 58.0 | | | | 63.0 | 51.7 | 59.1 | 42.2 | | 34.5 | | | | | 61.1 | 46.4 | | 38.8 | | 34.7 | | 58.0 |
| 62.0 | | | | | 43.6 | 55.5 | 39.7 | | 32.3 | | | | | 56.5 | 42.9 | 53.7 | 36.5 | | 32.5 | | 62.0 |
| 66.0 | | | | | | 51.4 | 37.4 | | 30.3 | | | | | | | 49.7 | 34.3 | | 30.4 | | 66.0 |
| 70.0 | | | | | | 47.8 | 35.1 | 39.0 | 28.5 | | | | | | | 46.2 | 32.2 | 42.8 | 28.6 | | 70.0 |
| 74.0 | | | | | | 44.6 | 31.6 | 39.0 | 26.8 | 31.9 | | | | | | 43.1 | 30.3 | 39.8 | 26.9 | 33.1 | 74.0 |
| 78.0 | | | | | | | 28.5 | 38.6 | 25.3 | 31.0 | | | | | | 40.3 | 28.5 | 37.0 | 25.3 | 32.1 | 78.0 |
| 82.0 | | | | | | | 23.5 | 36.0 | 22.8 | 29.3 | | | | | | | 24.7 | 34.6 | 21.5 | 30.3 | 82.0 |
| 86.0 | | | | | | | | 33.7 | 19.1 | 27.7 | | | | | | | | 32.3 | 17.6 | 28.6 | 86.0 |
| 90.0 | | | | | | | | 30.8 | | 26.3 | | | | | | | | 30.3 | | 27.1 | 90.0 |
| 94.0 | | | | | | | | 27.8 | | 24.9 | | | | | | | | 28.4 | | 25.7 | 94.0 |
| 98.0 | | | | | | | | | | 23.8 | | | | | | | | | | 24.4 | 98.0 |
| 102.0 | | | | | | | | | | | | | | | | | | | | 23.3 | 102.0 |

Working Radius (m)

| Boom length (m) | 54.0 | | | | | | | | | | 66.0 | | | | | | | | | | Boom length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jib length (m) | 24.0 | | 42.0 | | 60.0 | | 78.0 | | 84.0 | | 24.0 | | 42.0 | | 60.0 | | 78.0 | | 84.0 | | Jib length (m) |
| Boom angle | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | Boom angle |
| 16.0 | 194.2 | | | | | | | | | | 17.0m/151.8 | | | | | | | | | | 16.0 |
| 18.0 | 179.8 | | | | | | | | | | 147.2 | | | | | | | | | | 18.0 |
| 20.0 | 167.2 | | | | | | | | | | 137.9 | | | | | | | | | | 20.0 |
| 22.0 | 155.0 | | 110.4 | | | | | | | | 128.7 | | 95.3 | | | | | | | | 22.0 |
| 24.0 | 143.6 | | 105.9 | | | | | | | | 120.0 | | 91.5 | | | | | | | | 24.0 |
| 26.0 | 133.0 | | 101.2 | | | | | | | | 111.9 | | 87.5 | | | | | | | | 26.0 |
| 28.0 | 123.6 | | 96.3 | | 70.8 | | | | | | 104.5 | | 83.3 | | 62.2 | | | | | | 28.0 |
| 30.0 | 115.5 | | 91.5 | | 68.9 | | | | | | 98.0 | | 79.2 | | 60.4 | | | | | | 30.0 |
| 34.0 | | | 82.1 | | 64.6 | | 46.9 | | 42.0 | | | | 71.4 | | 56.6 | | 41.9 | | | | 34.0 |
| 38.0 | | | 73.5 | | 60.1 | | 45.1 | | 40.6 | | | | 64.1 | | 52.5 | | 40.1 | | 35.9 | | 38.0 |
| 42.0 | | 86.4 | 65.9 | | 55.6 | | 42.9 | | 39.0 | | | | 57.7 | | 48.5 | | 38.1 | | 34.4 | | 42.0 |
| 46.0 | | 78.0 | 59.4 | | 51.2 | | 40.7 | | 37.3 | | | | 52.3 | | 44.7 | | 36.0 | | 32.7 | | 46.0 |
| 50.0 | | | | | 47.1 | | 38.4 | | 35.4 | | | 65.6 | | | 41.1 | | 33.8 | | 31.0 | | 50.0 |
| 54.0 | | | | 61.8 | 43.3 | | 36.1 | | 33.6 | | | 60.2 | | | 37.8 | | 31.7 | | 29.3 | | 54.0 |
| 58.0 | | | | 56.8 | 40.1 | | 33.9 | | 31.7 | | | | | 52.0 | 34.8 | | 29.7 | | 27.5 | | 58.0 |
| 62.0 | | | | 52.5 | 36.9 | | 31.7 | | 29.9 | | | | | 48.0 | 32.3 | | 27.7 | | 25.9 | | 62.0 |
| 66.0 | | | | 48.7 | 34.4 | 45.8 | 29.7 | | 28.1 | | | | | 44.5 | 30.1 | | 25.9 | | 24.3 | | 66.0 |
| 70.0 | | | | | | 42.5 | 27.8 | | 26.5 | | | | | 41.4 | | 38.3 | 24.2 | | 22.8 | | 70.0 |
| 74.0 | | | | | | 39.6 | 26.1 | 36.1 | 24.9 | | | | | | | 35.7 | 22.7 | | 21.4 | | 74.0 |
| 78.0 | | | | | | 37.0 | 24.5 | 33.5 | 23.3 | 32.6 | | | | | | 33.3 | 21.4 | | 20.1 | | 78.0 |
| 82.0 | | | | | | 34.6 | 23.0 | 31.2 | 18.6 | 30.3 | | | | | | 31.1 | 19.6 | 27.5 | 15.6 | | 82.0 |
| 86.0 | | | | | | | | 29.2 | 14.6 | 28.3 | | | | | | 29.2 | | 25.6 | 11.6 | 24.7 | 86.0 |
| 90.0 | | | | | | | | 27.3 | | 26.4 | | | | | | | | 23.9 | 8.3 | 23.0 | 90.0 |
| 94.0 | | | | | | | | 25.5 | | 24.7 | | | | | | | | 22.3 | | 21.4 | 94.0 |
| 98.0 | | | | | | | | 24.0 | | 23.1 | | | | | | | | 20.9 | | 20.0 | 98.0 |
| 102.0 | | | | | | | | 22.5 | | 21.7 | | | | | | | | 19.5 | | 18.7 | 102.0 |
| 106.0 | | | | | | | | | | 20.3 | | | | | | | | 18.3 | | 17.4 | 106.0 |
| 110.0 | | | | | | | | | | | | | | | | | | | | 16.3 | 110.0 |

Working Radius (m)

| Boom length (m) | 78.0 | | | | | | | | | | 84.0 | | | | | | | | | | Boom length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jib length (m) | 30.0 | | 42.0 | | 60.0 | | 78.0 | | 84.0 | | 36.0 | | 42.0 | | 60.0 | | 78.0 | | 84.0 | | Jib length (m) |
| Boom angle | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | 86° | 66° | Boom angle |
| 20.0 | 104.5 | | | | | | | | | | | | | | | | | | | | 20.0 |
| 22.0 | 99.2 | | | | | | | | | | 85.4 | | | | | | | | | | 22.0 |
| 24.0 | 93.8 | | 77.9 | | | | | | | | 81.7 | | 75.6 | | | | | | | | 24.0 |
| 26.0 | 88.5 | | 74.7 | | | | | | | | 77.5 | | 72.6 | | | | | | | | 26.0 |
| 28.0 | 83.4 | | 71.3 | | 54.3 | | | | | | 72.1 | | 69.5 | | | | | | | | 28.0 |
| 30.0 | 78.6 | | 68.0 | | 52.7 | | | | | | 67.2 | | 65.9 | | 48.8 | | | | | | 30.0 |
| 34.0 | 69.5 | | 61.6 | | 49.4 | | 37.0 | | | | 58.6 | | 58.8 | | 45.8 | | 34.0 | | | | 34.0 |
| 38.0 | 59.8 | | 55.6 | | 45.9 | | 35.3 | | 31.6 | | 51.4 | | 51.9 | | 42.7 | | 32.5 | | 29.7 | | 38.0 |
| 42.0 | | | 50.4 | | 42.4 | | 33.5 | | 30.2 | | 45.0 | | 45.9 | | 39.5 | | 30.8 | | 28.4 | | 42.0 |
| 46.0 | | | 45.8 | | 39.1 | | 31.6 | | 28.6 | | | | 40.7 | | 36.5 | | 29.0 | | 26.9 | | 46.0 |
| 50.0 | | | 42.2 | | 36.1 | | 29.7 | | 27.1 | | | | 35.8 | | 33.7 | | 27.3 | | 25.4 | | 50.0 |
| 54.0 | | | | | 33.2 | | 27.8 | | 25.5 | | | | | | 31.2 | | 25.5 | | 23.9 | | 54.0 |
| 58.0 | | 48.9 | | | 30.7 | | 26.0 | | 24.0 | | | | | | 28.9 | | 23.9 | | 22.5 | | 58.0 |
| 62.0 | | 45.2 | | 42.8 | 28.5 | | 24.3 | | 22.5 | | | | | | 26.2 | | 22.4 | | 21.2 | | 62.0 |
| 66.0 | | | | 39.7 | 26.6 | | 22.7 | | 21.1 | | | | | | 24.1 | | 20.9 | | 19.9 | | 66.0 |
| 70.0 | | | | 36.9 | | | 21.2 | | 19.8 | | | | | | | | 19.6 | | 18.6 | | 70.0 |
| 74.0 | | | | 34.4 | | 31.2 | 19.9 | | 18.6 | | | | | | | | 18.4 | | 17.5 | | 74.0 |
| 78.0 | | | | | | 29.1 | 18.7 | | 16.3 | | | | | | | | 17.3 | | 14.2 | | 78.0 |
| 82.0 | | | | | | 27.1 | 15.6 | | 12.1 | | | | | | | | 13.5 | | 10.2 | | 82.0 |
| 86.0 | | | | | | 25.4 | | 21.7 | 8.4 | | | | | | | | | | | | 86.0 |
| 90.0 | | | | | | 23.8 | | 20.1 | | 19.3 | | | | | | | | | | | 90.0 |
| 94.0 | | | | | | 22.3 | | 18.7 | | 19.2 | | | | | | | | | | | 94.0 |
| 98.0 | | | | | | | | 17.4 | | 17.8 | | | | | | | | | | | 98.0 |
| 102.0 | | | | | | | | 16.2 | | 16.5 | | | | | | | | | | | 102.0 |
| 106.0 | | | | | | | | 15.1 | | 15.3 | | | | | | | | | | | 106.0 |
| 110.0 | | | | | | | | 14.1 | | 14.2 | | | | | | | | | | | 110.0 |
| 114.0 | | | | | | | | | | 13.2 | | | | | | | | | | | 114.0 |

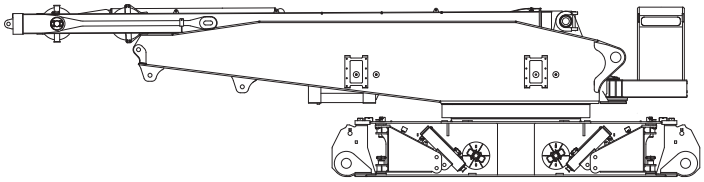
Working Radius (m)

Note:
Designed and rated to comply with ASME Code B30.5 and EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.

# TRANSPORTATION

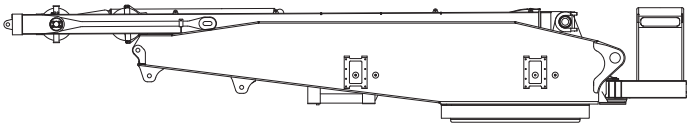
## Base Machine

Condition 1 :
With
Lower Trans-lifter



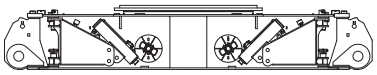
| | |
|---|---|
| Weight | 64.0 t |
| Width | 3.0 m |
| Height (Machine) | 3.4 m |

Condition 2 :
With
Quick connection



| | |
|---|---|
| Weight | 45.3 t |
| Width | 3.0 m |
| Height (Machine) | 2.4 m |

With
Lower Trans-lifter
Quick connection

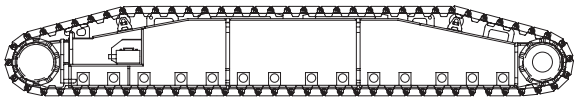


| | |
|---|---|
| Weight | 22.6 t |
| Width | 3.0 m |

Upper trans-lifter and quick connection device is an optional item.

## Crawler

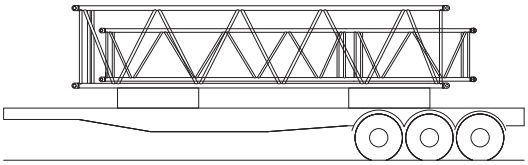
With
1 x Crawler frame
and shoes



| | |
|---|---|
| Weight | 40.0 t |
| Width | 1.9 m |

## Attachments

With
1 x 12 m insert boom
1 x 12 m insert jib
2 x Counterweights



| | |
|---|---|
| Weight | 29.3 t |
| Width | 3.0 m |
| Height (Boom) | 2.9 m |

HYDRAULIC CRAWLER CRANE

# SL6000

**Note:** Standard equipment may vary depending on your areas or countries.
Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.


CE

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