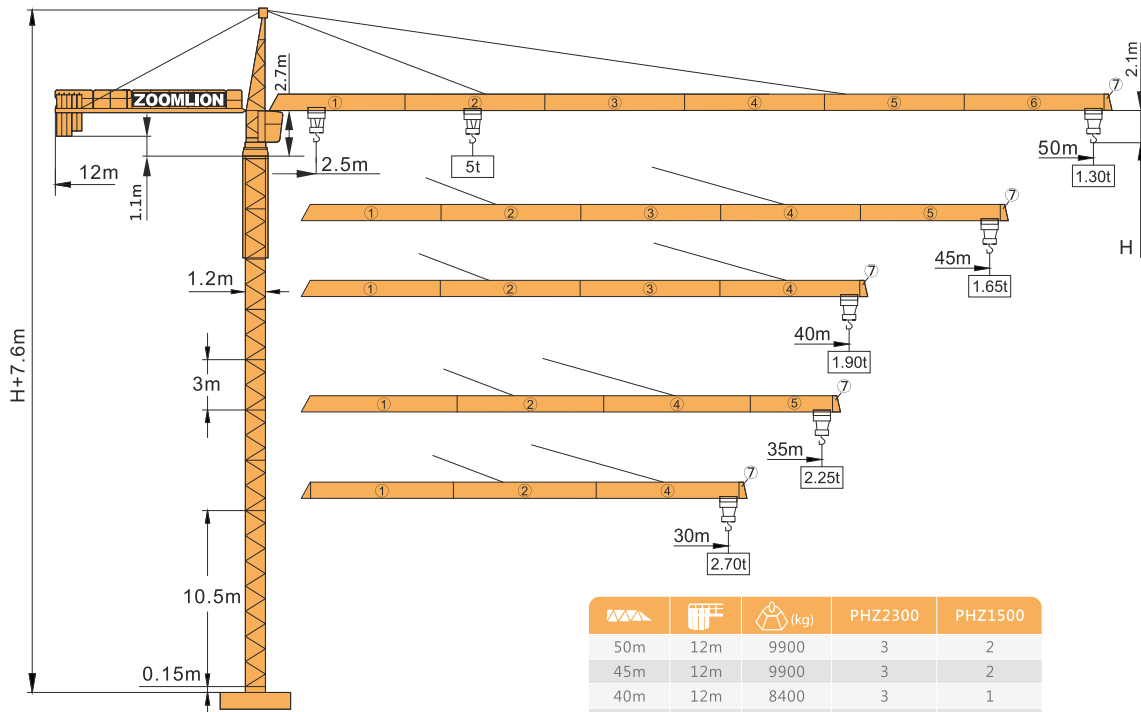
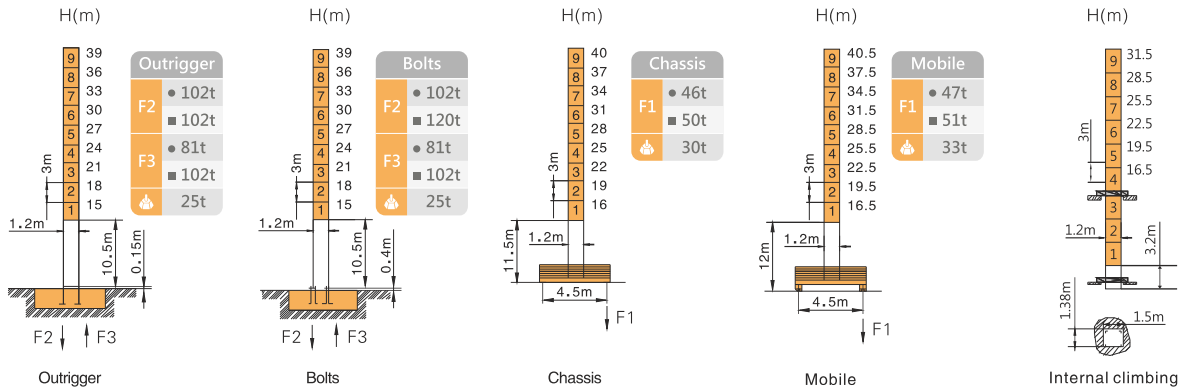


# H5013-5G Hammer-head Tower Crane



## H5013-5G

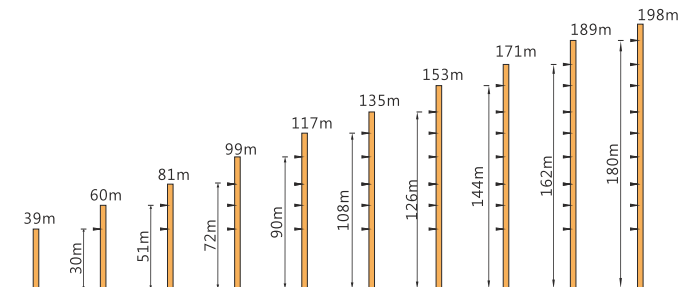
### Masts / Reactions



- Reactions in service
- Reactions out of service
- 🔥 Without load and ballast longest jib and maximum height

## H5013-5G












### Anchorage













# H5013-5G Hammer-head Tower Crane

## H5013-5G

### Load Diagrams


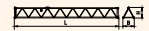
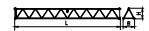
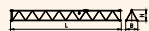



| <br>R(m) |   | Max Capacity<br>m/t | 15.0 | 17.5 | 20.0 | 22.5 | 25.0 | 27.5 | 30.0 | 32.5 | 35.0 | 37.5 | 40.0 | 42.5 | 45.0 | 47.5 | 50.0 |
|--|---|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 50m<br>(R=51.5)  |  | 2.5~29.9/2.50       | 2.50 |      |      |      |      |      | 2.49 | 2.26 | 2.06 | 1.89 | 1.74 | 1.61 | 1.49 | 1.93 | 1.3  |
|  |  | 2.5~16.4/5.00       | 5.00 | 4.65 | 3.99 | 3.47 | 3.06 | 2.73 | 2.46 | 2.23 | 2.03 | 1.86 | 1.71 | 1.46 | 1.35 | 1.26 |      |
| 45<br>(R=46.5)   |  | 2.5~31.5/2.50       | 2.50 |      |      |      |      |      | 2.41 | 2.20 | 2.02 | 1.86 | 1.72 | 1.60 |      |      |      |
|  |  | 2.5~17.3/5.00       | 5.00 | 4.22 | 3.38 | 3.25 | 2.90 | 2.61 | 2.37 | 2.16 | 1.98 | 1.83 | 1.68 | 1.56 |      |      |      |
| 40<br>(R=41.5)   |  | 2.5~32.0/2.50       | 2.50 |      |      |      |      |      | 2.45 | 2.24 | 2.06 | 1.90 |      |      |      |      |      |
|  |  | 2.5~17.5/5.00       | 5.00 | 4.30 | 3.75 | 3.31 | 2.96 | 2.66 | 2.41 | 2.20 | 2.02 | 1.86 |      |      |      |      |      |
| 35<br>(R=36.5)   |  | 2.5~32.1/2.50       | 2.50 |      |      |      |      |      | 2.46 | 2.25 |      |      |      |      |      |      |      |
|  |  | 2.5~17.5/5.00       | 5.00 | 4.31 | 3.76 | 3.32 | 2.97 | 2.67 | 2.42 | 2.21 |      |      |      |      |      |      |      |
| 30<br>(R=31.5)   |  | 2.5~30.0/2.50       | 2.50 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|  |  | 2.5~17.7/5.00       | 5.00 | 4.34 | 3.79 | 3.35 | 2.99 | 2.70 |      |      |      |      |      |      |      |      |      |




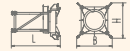

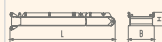

| <br>Hoisting   | Configuration       |       |  |      |      |  |       |      | kW      |                             |
|---|---------------------|-------|---|------|------|---|-------|------|---------|--|
|   |                     |       |   |      |      |   |       |      |         |  |
| <br>Hoisting   | QS565               | m/min | 9.7   | 32.5 | 65   | 4.85  | 16.25 | 32.5 | 18/18/5 | 400m ⓘ 6 layers  |
|   |                     | t     | 2.5   | 2.5  | 1.25 | 5   | 5     | 2.5  |         |  |
| <br>Slewing    | HR55.130            | r/min | 0~0.6   |      |      |   |       |      | 5.5     | <br>ⓘ Consult us if overtop |
| <br>Trolleying | BE24B               | m/min | 40/20   |      |      |   |       |      | 24/1.5  |  |
| <br>Travelling | 2xZA52-D            | m/min | 0~25  |      |      |   |       |      | 2x5.2   |  |
|                | 380V(+10%-10%) 50Hz |       | 25.9kW + 2x5.2kW  |      |      |   |       |      |         |  |

# H5013-5G Hammer-head Tower Crane

## H5013-5G

### Load Diagrams

| No | Description | Sketch  | L(m)  | B(m) | H(m) | Weight Per piece(t) | Qty |
|----|-------------|---|-------|------|------|---------------------|-----|
| 1  | Jib 1       |  | 11.36 | 1.10 | 0.45 | 0.96                | 1   |
| 2  | Jib 2       |  | 10.08 | 1.10 | 1.04 | 0.72                | 1   |
| 3  | Jib 3       |  | 10.08 | 1.10 | 1.01 | 0.54                | 1   |
| 4  | Jib 4       |  | 10.80 | 1.10 | 1.03 | 0.49                | 1   |
| 5  | Jib 5       |  | 5.40  | 1.10 | 1.04 | 0.23                | 1   |
| 6  | Jib 6       |  | 5.40  | 1.32 | 1.01 | 0.24                | 1   |
| 7  | Jib 7       |  | 0.64  | 1.09 | 1.27 | 0.08                | 1   |

| No | Description      | Sketch   | L(m)  | B(m) | H(m) | Weight Per piece(t) | Qty |
|----|------------------|--|-------|------|------|---------------------|-----|
| 8  | Tower head       |  | 6.20  | 1.09 | 1.23 | 0.74                | 1   |
| 9  | Lifting hook     |  | 1.27  | 0.19 | 0.74 | 0.20                | 1   |
| 10 | Climbing frame   |  | 8.23  | 1.63 | 1.82 | 1.64                | 1   |
| 11 | Slewing assembly |  | 3.07  | 1.60 | 1.60 | 2.40                | 1   |
| 12 | Trolley          |  | 1.30  | 1.35 | 0.85 | 0.22                | 1   |
| 13 | Counter jib 1    |  | 11.36 | 1.10 | 0.45 | 0.96                | 1   |
| 14 | Cabin            |  | 1.49  | 1.07 | 2.05 | 0.20                | 1   |

| NO | Description         | Sketch | L(m)  | B(m) | H(m) | Weight Per piece(t) | Qty |
|----|---------------------|--------|-------|------|------|---------------------|-----|
| 15 | Tower section L24A2 |        | 3.20  | 1.30 | 1.30 | 0.80                | 5   |
| 16 | Tower section L24A1 |        | 3.20  | 1.30 | 1.30 | 0.76                | 4   |
| 17 | Base tower section  |        | 10.70 | 1.30 | 1.30 | 3.30                | 1   |
| 18 | Hoisting mechanism  |        | 1.62  | 1.53 | 0.78 | 1.04                | 1   |
| 19 | Whole beam          |        | 6.90  | 1.00 | 1.32 | 1.95                | 1   |
| 20 | Semi beam           |        | 3.35  | 0.53 | 1.33 | 1.04                | 2   |
| 21 | Driving dolly       |        | 1.36  | 1.35 | 0.90 | 0.86                | 2   |

| NO | Description  | Sketch | L(m) | B(m) | H(m) | Weight Per piece(t) | Qty |
|----|--------------|--------|------|------|------|---------------------|-----|
| 22 | Driven dolly |        | 1.36 | 0.60 | 0.90 | 0.68                | 2   |
| 23 | Cable reel   |        | 0.85 | 2.20 | 2.20 | 0.23                | 1   |