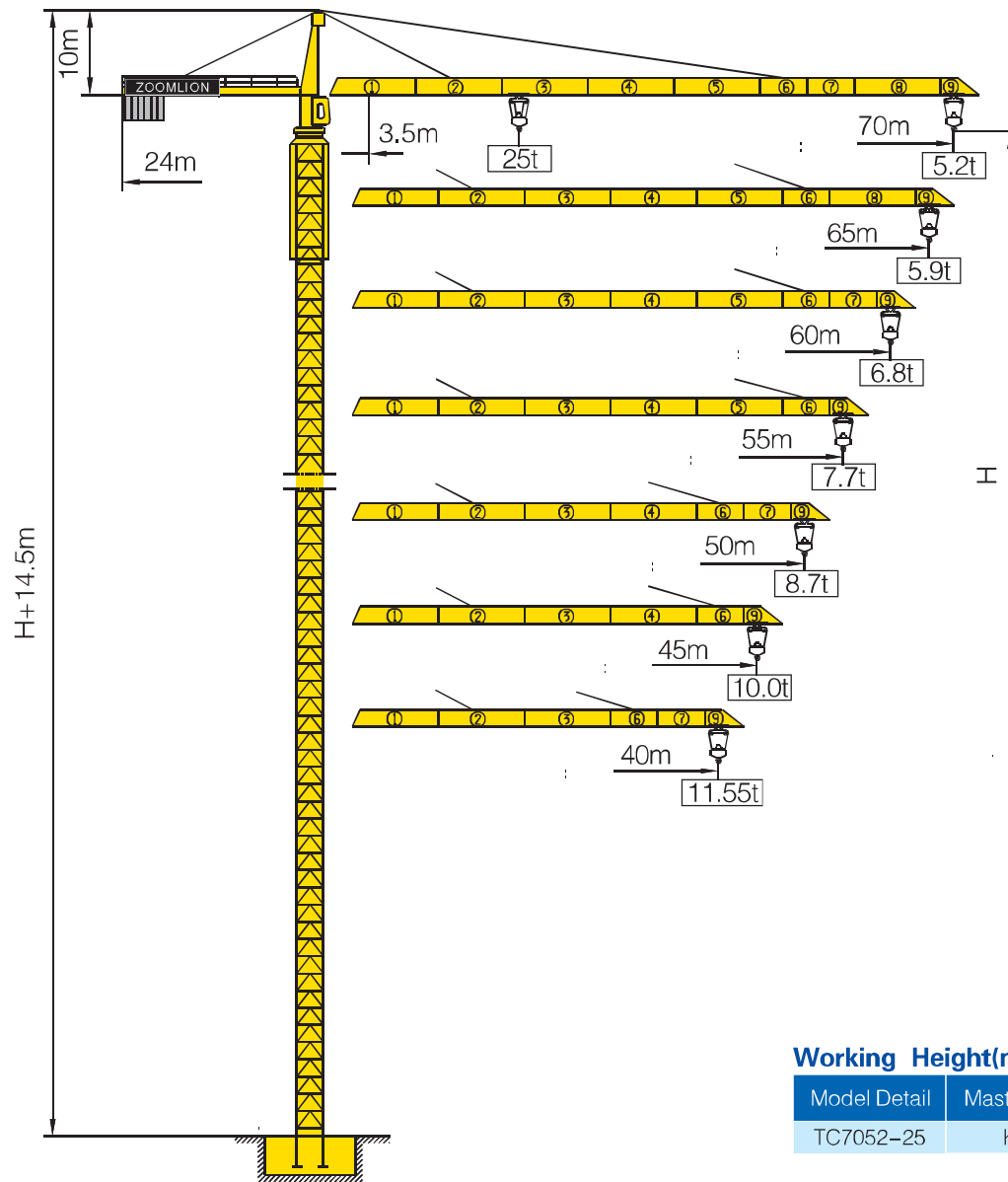




## TC7052-25



### Counter-jib ballast

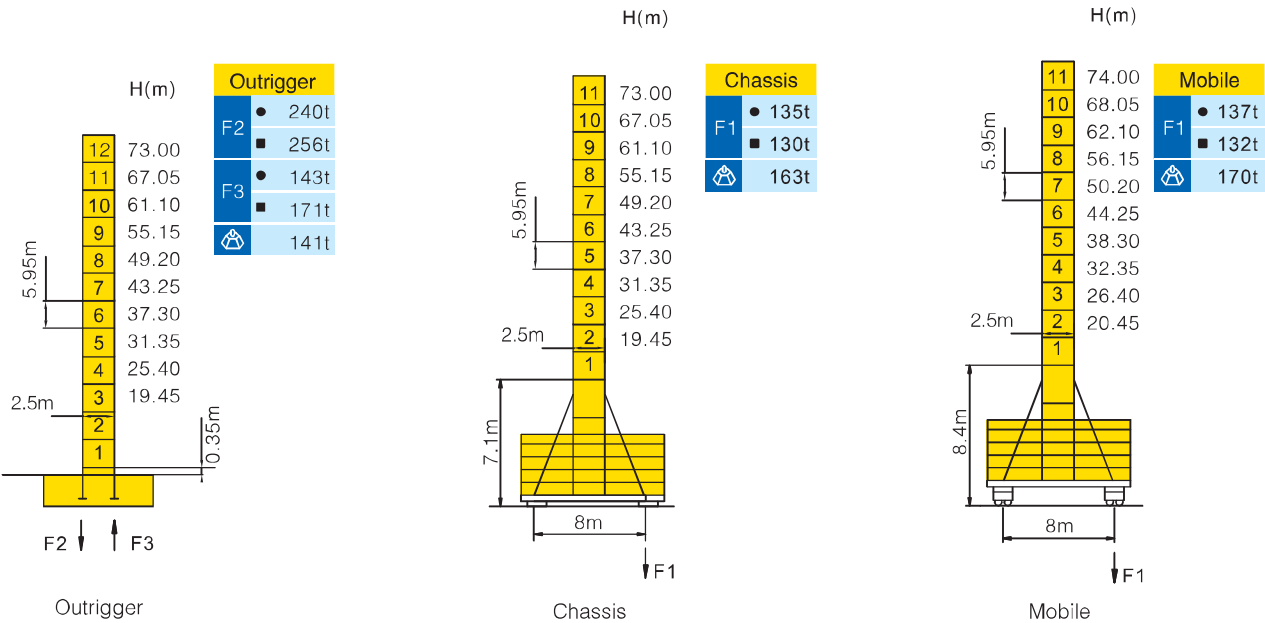
|  |  |  (Kg) | PHZ5000 | PHZ3500 | PHZ3000 | PHZ2500 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------|---------|---------|---------|
| 70m                                                                                 | 24m                                                                                 | 29500                                                                                    | 4       | 2       | 0       | 1       |
| 65m                                                                                 | 24m                                                                                 | 27000                                                                                    | 4       | 2       | 0       | 0       |
| 60m                                                                                 | 24m                                                                                 | 26000                                                                                    | 4       | 1       | 0       | 1       |
| 55m                                                                                 | 24m                                                                                 | 23500                                                                                    | 4       | 1       | 0       | 0       |
| 50m                                                                                 | 24m                                                                                 | 20000                                                                                    | 4       | 0       | 0       | 0       |
| 45m                                                                                 | 24m                                                                                 | 18000                                                                                    | 3       | 0       | 1       | 0       |
| 40m                                                                                 | 24m                                                                                 | 15000                                                                                    | 3       | 0       | 0       | 0       |

### Working Height(m) @ Wall-tie Location(m)

| Model Detail | Mast Code | Wall-tie #1 | Wall-tie #2  | Wall-tie #3   | Wall-tie #4   | Wall-tie #5   | Wall-tie #6 |
|--------------|-----------|-------------|--------------|---------------|---------------|---------------|-------------|
| TC7052-25    | K1        | 108.7 @ 53  | 144.4 @ 88.7 | 180.1 @ 124.4 | 215.8 @ 160.1 | 245.6 @ 195.8 | 275 @ 225.6 |

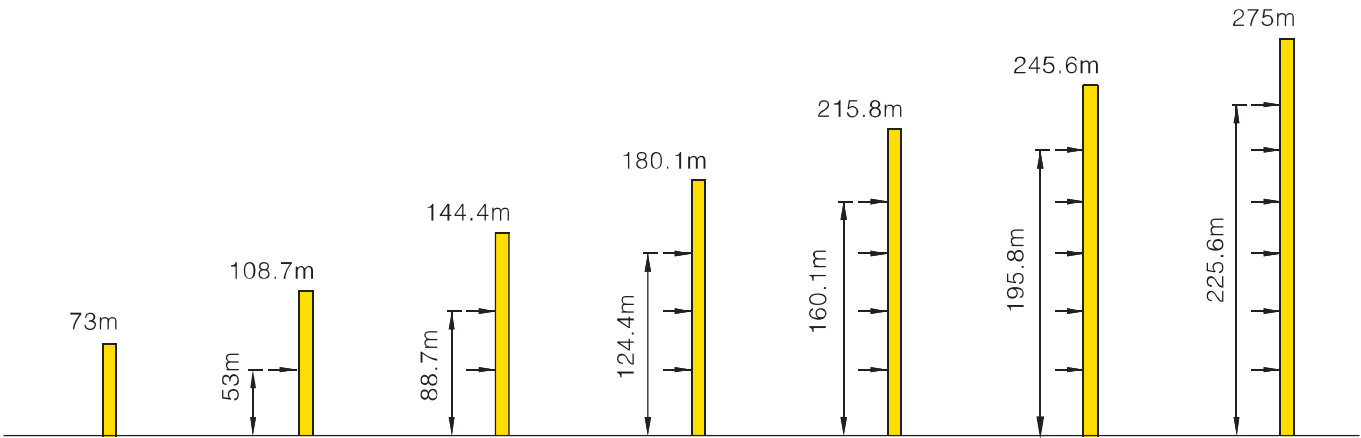


Masts  
Reactions



● Reactions in service ■ Reactions out of service  
⊗ Without load and ballast with longest jib and maximum height  
① For more erecting solutions, consult us!

Anchorage



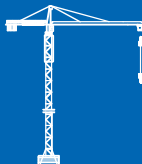
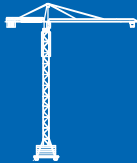


## Load diagrams

|  |    | Max.Capacity<br>m/t | 20    | 25    | 30    | 35    | 38    | 40    | 43   | 45   | 48   | 50   | 53   | 55   | 58   | 60   | 63   | 65   | 68   | 70   |
|-----------------------------------------------------------------------------------|----|---------------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 70m<br>(R=72.6)                                                                   | ⌋  | 3.5—33.7m<br>12.5t  | 12.5  |       |       | 11.97 | 10.89 | 10.26 | 9.43 | 8.94 | 8.28 | 7.88 | 7.35 | 7.03 | 6.58 | 6.31 | 5.94 | 5.71 | 5.40 | 5.20 |
|                                                                                   | ⌋⌋ | 3.5—17.52m<br>25t   | 21.41 | 16.42 | 13.16 | 10.86 | 9.78  | 9.15  | 8.32 | 7.83 | 7.17 | 6.77 | 6.24 | 5.92 | 5.47 | 5.20 | 4.83 | 4.60 | 4.29 | 4.09 |
| 65m<br>(R=67.6)                                                                   | ⌋  | 3.5—34.55m<br>12.5t | 12.5  |       |       | 11.21 | 10.56 | 9.71  | 9.21 | 8.53 | 8.13 | 7.58 | 7.25 | 6.79 | 6.52 | 6.13 | 5.90 |      |      |      |
|                                                                                   | ⌋⌋ | 3.5—17.95m<br>25t   | 22.04 | 16.92 | 13.57 | 11.21 | 10.10 | 9.45  | 8.60 | 8.10 | 7.42 | 7.02 | 6.47 | 6.14 | 5.68 | 5.41 | 5.02 | 4.79 |      |      |
| 60m<br>(R=62.6)                                                                   | ⌋  | 3.5—35.8m<br>12.5t  | 12.5  |       |       | 11.66 | 10.99 | 10.11 | 9.59 | 8.89 | 8.47 | 7.90 | 7.56 | 7.09 | 6.80 |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 3.5—18.56m<br>25t   | 22.92 | 17.62 | 14.15 | 11.70 | 10.55 | 9.88  | 9.00 | 8.48 | 7.78 | 7.36 | 6.79 | 6.45 | 5.98 | 5.69 |      |      |      |      |
| 55m<br>(R=57.6)                                                                   | ⌋  | 3.5—36.3m<br>12.5t  | 12.5  |       |       | 11.87 | 11.19 | 10.29 | 9.76 | 9.05 | 8.63 | 8.05 | 7.70 |      |      |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 3.5—18.85m<br>25t   | 23.32 | 17.94 | 14.42 | 11.93 | 10.76 | 10.08 | 9.18 | 8.65 | 7.94 | 7.52 | 6.94 | 6.59 |      |      |      |      |      |      |
| 50m<br>(R=52.6)                                                                   | ⌋  | 3.5—36.58m<br>12.5t | 12.5  |       |       | 11.97 | 11.28 | 10.38 | 9.85 | 9.13 | 8.70 |      |      |      |      |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 3.5—18.97m<br>25t   | 23.52 | 18.09 | 14.54 | 12.04 | 10.86 | 10.17 | 9.27 | 8.74 | 8.02 | 7.59 |      |      |      |      |      |      |      |      |
| 45m<br>(R=47.6)                                                                   | ⌋  | 3.5—37.1m<br>12.5t  | 12.5  |       |       | 12.15 | 11.46 | 10.54 | 10.0 |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 3.5—19.22m<br>25t   | 23.87 | 18.38 | 14.78 | 12.24 | 11.04 | 10.35 | 9.43 | 8.89 |      |      |      |      |      |      |      |      |      |      |
| 40m<br>(R=42.6)                                                                   | ⌋  | 3.5—37.3m<br>12.5t  | 12.5  |       |       | 12.25 | 11.55 |       |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 3.5—19.35m<br>25t   | 24.06 | 18.53 | 14.90 | 12.34 | 11.14 | 10.44 |      |      |      |      |      |      |      |      |      |      |      |      |



Mechanisms

|                                                                                     |              |                              | Hoisting                                                                                                     |                                                                                                   | QP2580A                                                                                           |
|-------------------------------------------------------------------------------------|--------------|------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|    | Slewing      | HP75F1.130×2<br>HP75F2.130×1 | <br>63 kW                 | III                                                                                               |  12.5t27 m/min |
|                                                                                     | 0~0.72 r/min | 3×7.5 kW                     |                                                                                                              |  25t13.5 m/min |                                                                                                   |
|    | Trolleying   | BP110A                       | <br>550m①<br>( 5 layers ) | IV                                                                                                |  6.25t53 m/min |
|                                                                                     | 0~100 m/min  | 11 kW                        |                                                                                                              |                                                                                                   |  12.5t27 m/min |
|  | Travelling   | ZAK52-B<br>ZBK52-B           | ①Consult us<br>If overtop                                                                                    | V                                                                                                 |  1t80 m/min  |
|                                                                                     | 0~25 m/min   | 6×5.2 kW                     |                                                                                                              |                                                                                                   |  2t40 m/min  |
|  |              |                              | 380V(+10%–10%) 50Hz                                                                                          |                                                                                                   | 96.5+6×5.2 kW                                                                                     |