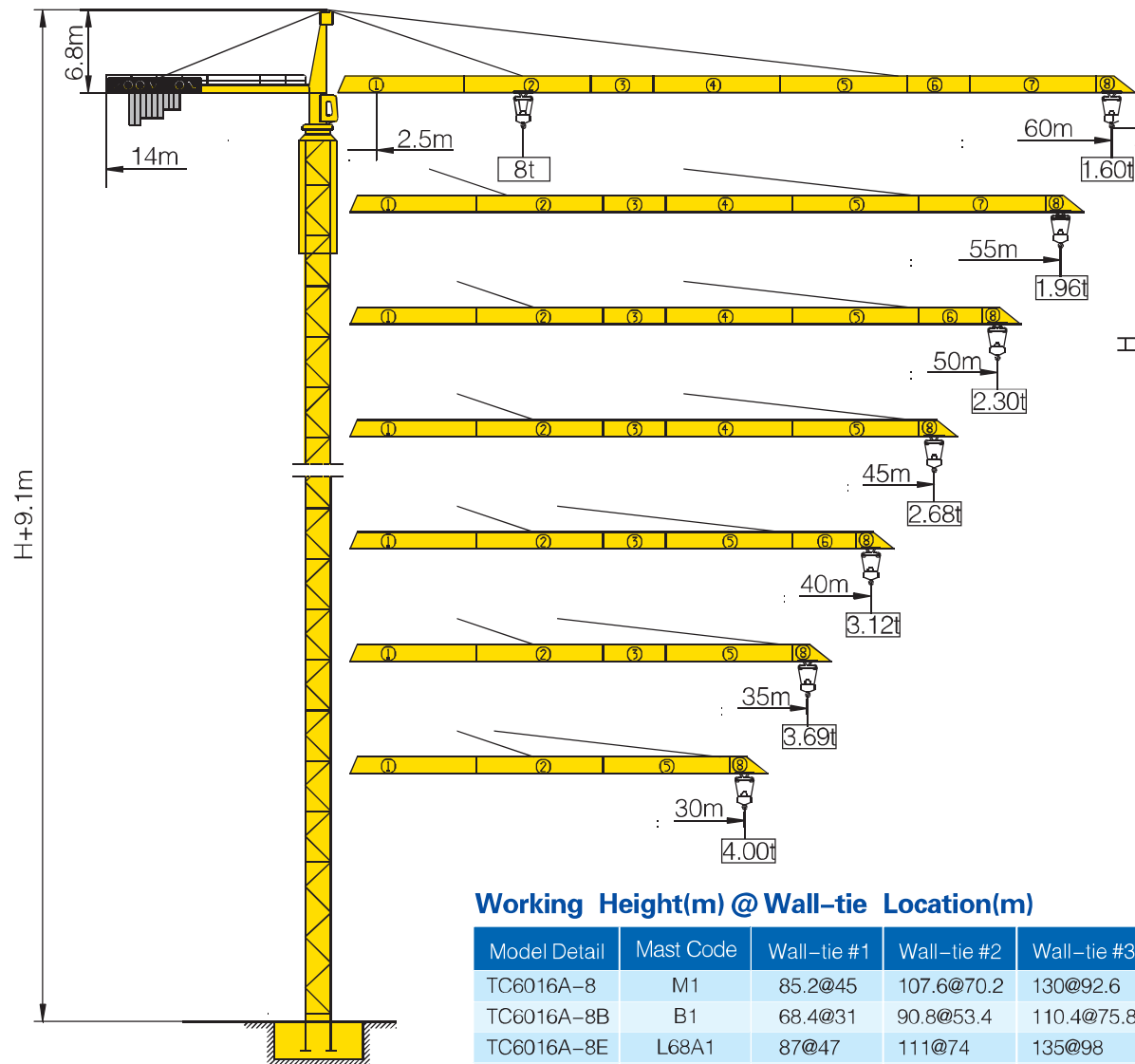




## TC6016A-8



## Counter-jib ballast

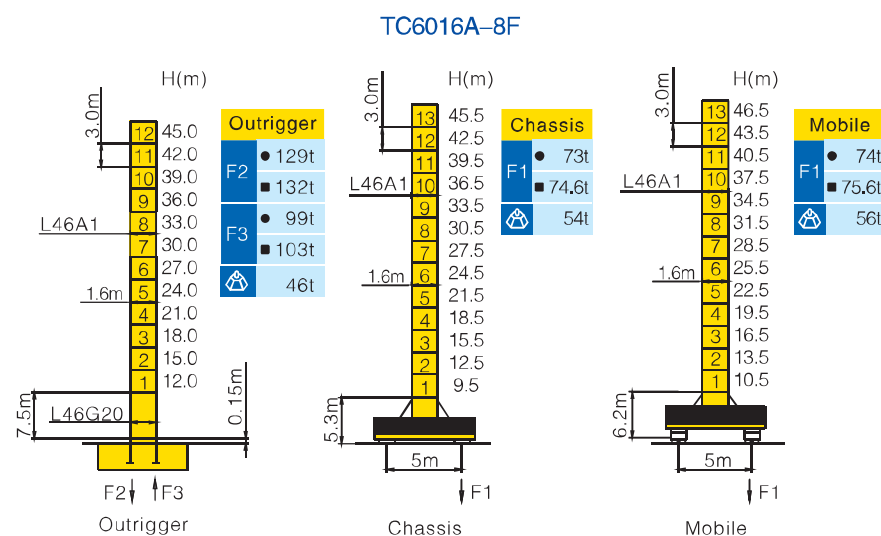
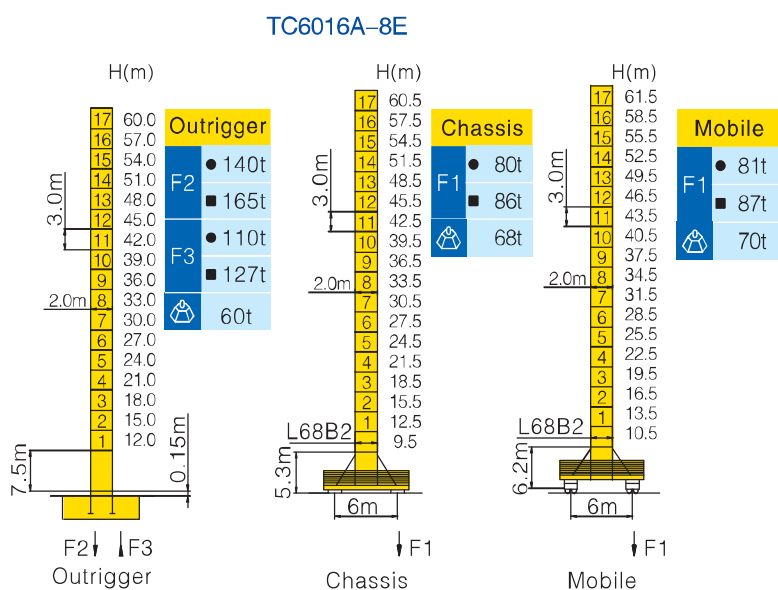
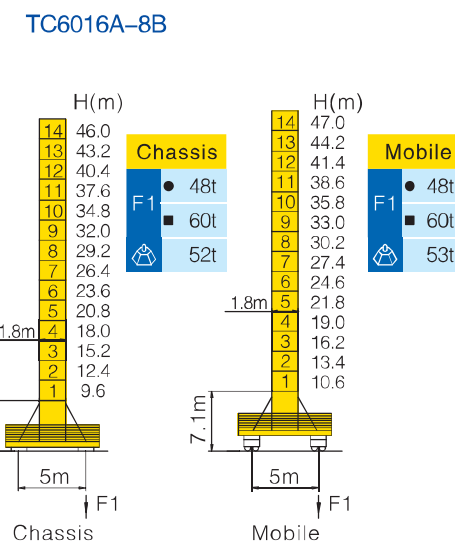
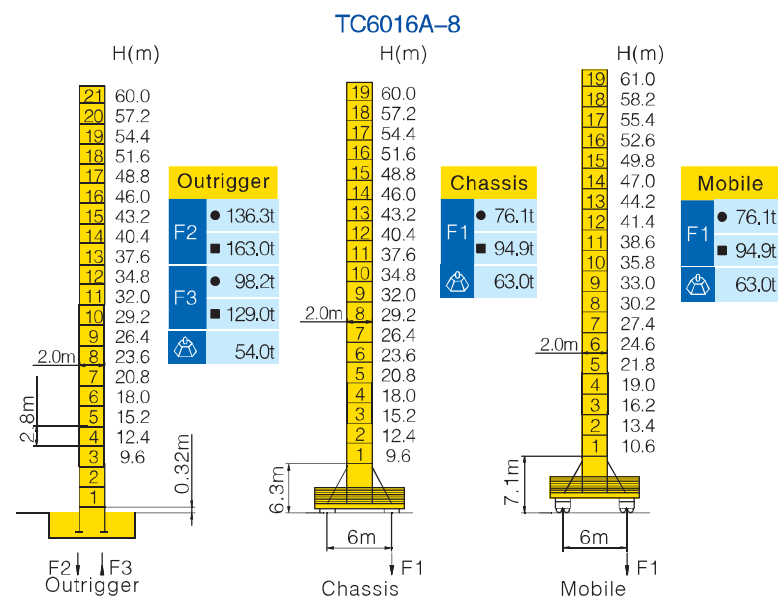
|     |     | (Kg)  | PHZ3000 | PHZ1950 | PHZ1650 |
|-----|-----|-------|---------|---------|---------|
| 60m | 14m | 18750 | 2       | 4       | 3       |
| 55m | 14m | 16800 | 2       | 3       | 3       |
| 50m | 14m | 14850 | 2       | 2       | 3       |
| 45m | 14m | 13200 | 2       | 2       | 2       |
| 40m | 14m | 11550 | 2       | 2       | 1       |
| 35m | 14m | 9600  | 2       | 1       | 1       |
| 30m | 14m | 7650  | 2       | 0       | 1       |

## 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 | Wall-tie #7 | Wall-tie #8 | Wall-tie #9 |
|--------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| TC6016A-8    | M1        | 85.2@45     | 107.6@70.2  | 130@92.6    | 152.4@115   | 174.8@137.4 | 197.2@159.8 | 200@182.2   | —           | —           |
| TC6016A-8B   | B1        | 68.4@31     | 90.8@53.4   | 110.4@75.8  | 130@95.4    | 149.6@115   | 169.2@134.6 | 188.8@154.2 | 208.4@173.8 | 220@193.4   |
| TC6016A-8E   | L68A1     | 87@47       | 111@74      | 135@98      | 159@122     | 183@146     | 200@170     | —           | —           | —           |
| TC6016A-8F   | L46A1     | 66@33       | 90@57       | 114@81      | 138@105     | 162@129     | 186@153     | 207@174     | —           | —           |



## 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!

TC6016A-8

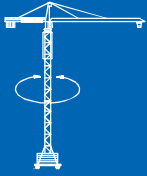
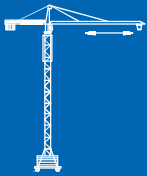


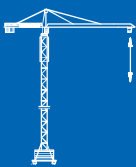
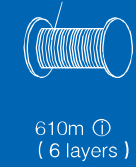
## Load diagrams

|  |    | Max.Capacity<br>m/t | 17   | 20   | 22   | 25   | 28   | 30   | 32   | 35   | 38   | 40   | 42   | 45   | 48   | 50   | 52   | 55   | 58   | 60   |
|-----------------------------------------------------------------------------------|----|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 60m<br>(R=61.74)                                                                  | ⌋  | 2.5-30.16m<br>4t    | 4.00 |      |      |      |      |      | 3.72 | 3.33 | 2.99 | 2.80 | 2.63 | 2.40 | 2.20 | 2.08 | 1.97 | 1.82 | 1.68 | 1.60 |
|                                                                                   | ⌋⌋ | 2.5-16.60m<br>8t    | 7.78 | 6.43 | 5.74 | 4.92 | 4.28 | 3.93 | 3.62 | 3.23 | 2.89 | 2.70 | 2.53 | 2.30 | 2.10 | 1.98 | 1.87 | 1.72 | 1.58 | 1.50 |
| 55m<br>(R=56.74)                                                                  | ⌋  | 2.5-31.78m<br>4t    | 4.00 |      |      |      |      |      | 3.97 | 3.55 | 3.20 | 3.00 | 2.82 | 2.58 | 2.36 | 2.24 | 2.12 | 1.96 |      |      |
|                                                                                   | ⌋⌋ | 2.5-17.47m<br>8t    | 8.00 | 6.83 | 6.10 | 5.24 | 4.65 | 4.19 | 3.87 | 3.45 | 3.10 | 2.90 | 2.72 | 2.48 | 2.26 | 2.14 | 2.02 | 1.86 |      |      |
| 50m<br>(R=51.74)                                                                  | ⌋  | 2.5-32.44m<br>4t    | 4.00 |      |      |      |      |      | 3.64 | 3.29 | 3.08 | 2.89 | 2.65 | 2.43 | 2.30 |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 2.5-17.82m<br>8t    | 8.00 | 6.99 | 6.25 | 5.37 | 4.68 | 4.30 | 3.97 | 3.54 | 3.19 | 2.98 | 2.79 | 2.55 | 2.33 | 2.20 |      |      |      |      |
| 45m<br>(R=46.74)                                                                  | ⌋  | 2.5-32.75m<br>4t    | 4.00 |      |      |      |      |      | 3.69 | 3.33 | 3.12 | 2.93 | 2.68 |      |      |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 2.5-17.99m<br>8t    | 8.00 | 7.07 | 6.32 | 5.43 | 4.73 | 4.35 | 4.02 | 3.59 | 3.23 | 3.02 | 2.83 | 2.58 |      |      |      |      |      |      |
| 40m<br>(R=41.74)                                                                  | ⌋  | 2.5-32.76m<br>4t    | 4.00 |      |      |      |      |      | 3.69 | 3.33 | 3.12 |      |      |      |      |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 2.5-18.00m<br>8t    | 8.00 | 7.07 | 6.32 | 5.43 | 4.73 | 4.35 | 4.02 | 3.59 | 3.23 | 3.02 |      |      |      |      |      |      |      |      |
| 35m<br>(R=36.74)                                                                  | ⌋  | 2.5-32.78m<br>4t    | 4.00 |      |      |      |      |      | 3.69 |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 2.5-18.00m<br>8t    | 8.00 | 7.08 | 6.33 | 5.43 | 4.74 | 4.35 | 4.02 | 3.59 |      |      |      |      |      |      |      |      |      |      |
| 30m<br>(R=31.74)                                                                  | ⌋  | 2.5-30.00m<br>4t    | 4.00 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                   | ⌋⌋ | 2.5-18.03m<br>8t    | 8.00 | 7.09 | 6.34 | 5.44 | 4.74 | 4.36 |      |      |      |      |      |      |      |      |      |      |      |      |



Mechanisms

|   | Slewing       | HPW55B.130         |
|------------------------------------------------------------------------------------|---------------|--------------------|
|                                                                                    | 0 ~ 0.8 r/min | 2×5.5 kW           |
|   | Trolleying    | BP40B              |
|                                                                                    | 0 ~ 55 m/min  | 4.0 kW             |
|  | Travelling    | ZA52A-D<br>ZC52A-D |
|                                                                                    | 0 ~ 25 m/min  | 2×5.2 kW           |

| Hoisting                                                                                                                                     |    | QE8100D2                                                                              |    |           |
|----------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|----|-----------|
| <br>37 kW                                                 | IV |    | 4t | 50 m/min  |
|                                                                                                                                              |    |    | 8t | 25 m/min  |
| <br>610m ⌀<br>( 6 layers )<br>① Consult us<br>If overtop | V  |    | 2t | 100 m/min |
|                                                                                                                                              |    |  | 4t | 50 m/min  |

|                                                                                     |                    |                 |
|-------------------------------------------------------------------------------------|--------------------|-----------------|
|  | 380V(+10%–10%)50Hz | 52.0+2 × 5.2 kW |
|-------------------------------------------------------------------------------------|--------------------|-----------------|

For more mechanisms optional, consult us!