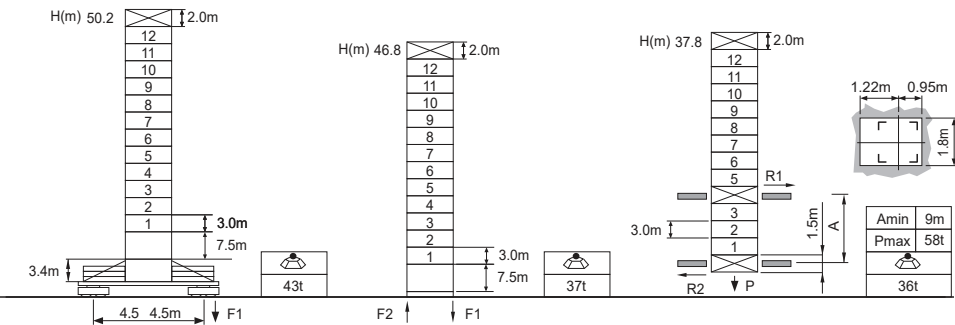


Jib root hinge height



| L46A1 | H | Jib root hinge height (not include the fixing angle) |
|-------|----|-------------------------------------------------------|
| 1.6m | H1 | Height under hook: $H1 = [H - 2.9m]$ |
| | H2 | Tower body height: $H2 = [H - 3.3m]$ |

⚖️ Total weight of free standing height (excludes counter weight and ballast)
⚖️ Total weight of counter weight
Please consult with us in case higher freestanding height needed.

F Reactions
Please refer to the user manual for reaction force

Load diagrams

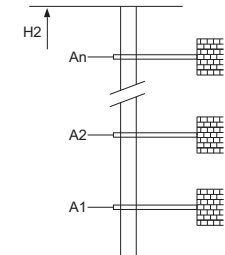
| R | falls | R(C _{MAX}) | C _{MAX} | m | 15 | 17 | 20 | 22 | 25 | 27 | 30 | 32 | 35 | 37 | 40 | 42 | 45 | 47 | 50 | 52 | 55 | 57 | 60 |
|-----|-------|----------------------|------------------|---|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 60m | ⚖️ | 3.1~29.3 | 3 | t | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.92 | 2.72 | 2.46 | 2.31 | 2.11 | 1.99 | 1.84 | 1.75 | 1.62 | 1.55 | 1.45 | 1.39 | 1.30 |
| | ⚖️ | 3.1~14.7 | 6 | t | 5.9 | 5.14 | 4.28 | 3.84 | 3.31 | 3.02 | 2.66 | 2.46 | 2.20 | 2.05 | 1.85 | 1.73 | 1.58 | 1.49 | 1.36 | 1.29 | 1.19 | 1.13 | 1.04 |
| 55m | ⚖️ | 3.1~31.9 | 3 | t | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.99 | 2.71 | 2.54 | 2.33 | 2.20 | 2.04 | 1.94 | 1.80 | 1.72 | 1.61 | | |
| | ⚖️ | 3.1~16.1 | 6 | t | 6.0 | 5.66 | 4.72 | 4.24 | 3.66 | 3.35 | 2.95 | 2.73 | 2.45 | 2.28 | 2.07 | 1.94 | 1.78 | 1.68 | 1.54 | 1.46 | 1.35 | | |
| 50m | ⚖️ | 3.1~37.9 | 3 | t | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.83 | 2.68 | 2.48 | 2.36 | 2.20 | | | | |
| | ⚖️ | 3.1~19.1 | 6 | t | 6.0 | 6.0 | 5.72 | 5.15 | 4.46 | 4.09 | 3.62 | 3.36 | 3.02 | 2.83 | 2.57 | 2.42 | 2.22 | 2.10 | 1.94 | | | | |
| 45m | ⚖️ | 3.1~39.1 | 3 | t | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.93 | 2.78 | 2.57 | | | | | |
| | ⚖️ | 3.1~19.7 | 6 | t | 6.0 | 6.0 | 5.92 | 5.33 | 4.62 | 4.23 | 3.75 | 3.48 | 3.13 | 2.93 | 2.67 | 2.52 | 2.31 | | | | | | |
| 40m | ⚖️ | 3.1~40.0 | 3 | t | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | | | | | | | | |
| | ⚖️ | 3.1~20.5 | 6 | t | 6.0 | 6.0 | 6.0 | 5.56 | 4.82 | 4.42 | 3.92 | 3.64 | 3.28 | 3.07 | 2.8 | | | | | | | | |
| 35m | ⚖️ | 3.1~35.0 | 3 | t | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.93 | 2.78 | 2.57 | | | | | |
| | ⚖️ | 3.1~20.5 | 6 | t | 6.0 | 6.0 | 6.0 | 5.56 | 4.82 | 4.42 | 3.92 | 3.64 | 3.28 | | | | | | | | | | |
| 30m | ⚖️ | 3.1~30.0 | 3 | t | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | | | | | | | | |
| | ⚖️ | 3.1~20.5 | 6 | t | 6.0 | 6.0 | 6.0 | 5.56 | 4.82 | 4.42 | 3.92 | 3.64 | 3.28 | | | | | | | | | | |

Anchorage

| An[m] | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 |
|-------|------|------|------|------|-------|-------|----|----|----|-----|
| | 33.0 | 54.0 | 75.0 | 96.0 | 117.0 | 138.0 | - | - | - | - |

| H2 [m] | 67.5 | 88.5 | 106.5 | 127.5 | 148.5 | 169.5 | * | * | * | * |
|--------|------|------|-------|-------|-------|-------|---|---|---|---|
| | | | | | | | | | | |

* Over this height please contact us



Mechanisms

| | | | | | | | |
|----|----------------------------------------------------|----|-------|-------|----|---------|----------------------|
| ⚙️ | 40QP20HS-CG5 | ⚖️ | m/min | 40 | 80 | 30KW | ⚙️ 500m >500m* |
| | | t | 3 | 1.5 | | | |
| ⚙️ | DVF | ⚖️ | m/min | 0~60 | | 5.5kW | |
| | | t | 6 | 3 | | | |
| ⚙️ | RCV95 | ⚖️ | rpm | 0~0.7 | | 2x5.5kW | |
| | | t | 6 | 3 | | | |
| ⚡ | 380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%) | ⚖️ | | 55kVA | | kVA | |
| | | t | | | | | |

* Please consult us △ Option