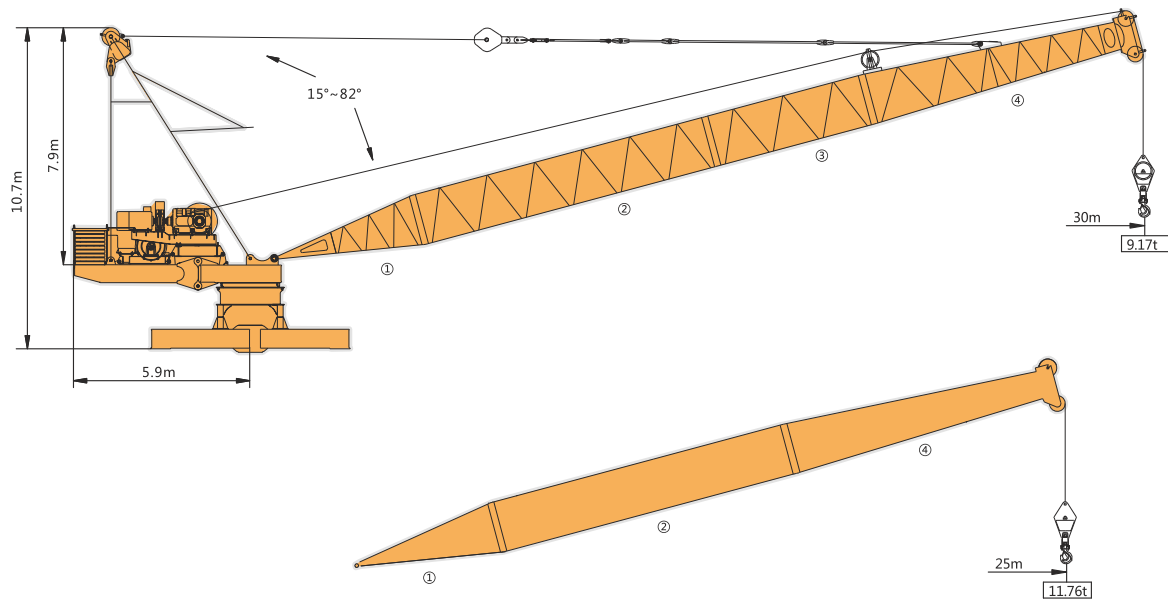




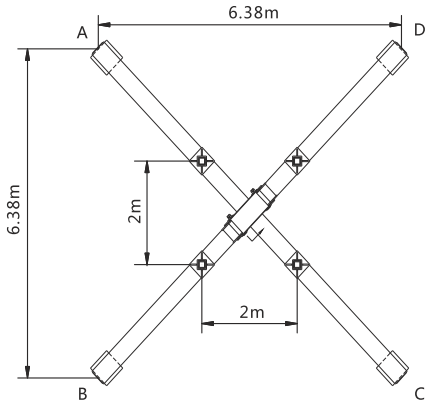
R250-25 Roof Tower Crane



|  |  |  (kg) | PHZ2300 | PHZ2300 | PHZ1600 |
|---|---|--|---------|---------|---------|
| 30m | 5.9m | 20000 | 1 | 7 | 1 |
| 25m | 5.9m | 20000 | 1 | 7 | 1 |

R250-25

Cross Beam / Reactions



| Situation | Site A | Site B | Site C | Site D |
|-----------|--------|--------|--------|--------|
| | +17t | -20t | -53t | -20t |
| | +5t | +5t | -41t | -41t |
| | 39t | | | |

+ Pulling force in service — Pressure force in service

⊗ Weight with max free-standing height, max jib (without counter-weight and load)






Note : Since the top of roof tower crane can rotate in 360°, every support point has the possibility to endure any load in the table above.

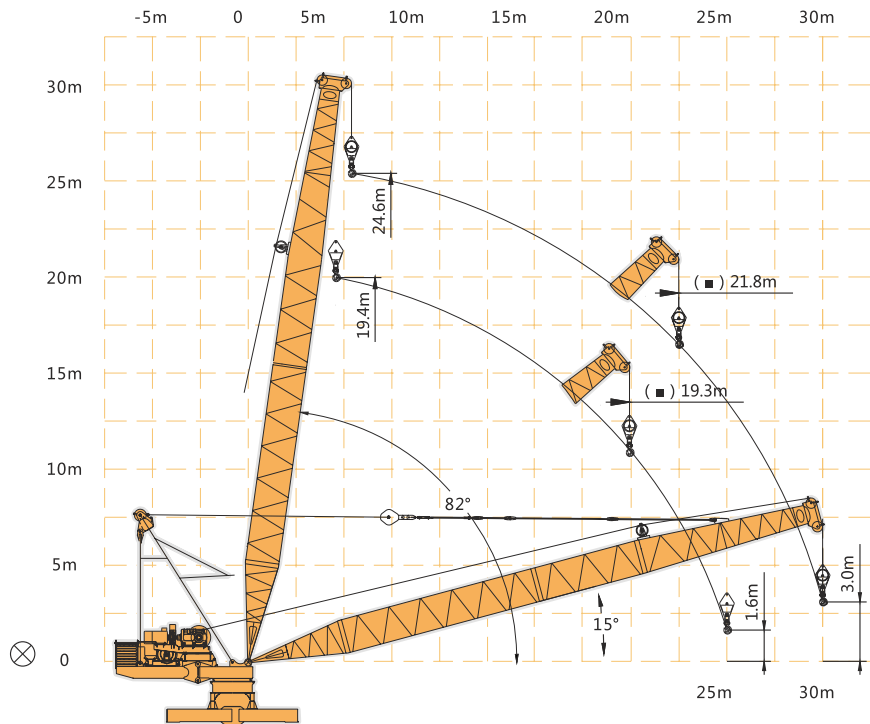
R250-25

Roof Tower Crane

R250-25

Load Diagrams










|  | | Max Capacity m/t | 15.0 | 18.0 | 20.0 | 22.0 | 25.0 | 28.0 | 30.0 |
|---|---|---------------------|-------|-------|-------|-------|--------------------|------|-------------------|
| 30m |  | 6.0~21.9/12.50 | 12.50 | | | | 10.82 | 9.56 | 9.02 |
| |  | 5.8~11.7/25.00 | 19.29 | 15.70 | 13.89 | 12.45 | 10.75 | 9.52 | 9.17 (29.23) |
| 25m |  | 5.3~22.9/12.50 | 12.50 | | | | 11.49 | | |
| |  | 5.0~12.4/25.00 | 20.52 | 16.58 | 14.67 | 13.04 | 11.76 (24.00) | | |



(■) Stop position out of service ⊗ Hinge point at jib foot

R250-25 Roof Tower Crane

R250-25 Mechanisms

|  Hoisting | Configuration | |  | | |  | | | kW |  |
|---|-----------------------|-----------|---|------|------|---|------|--------|-----|--|
| | | | III | IV | V | III | IV | V | | |
|  Hoisting | QPL2575A | m/min | 0~30 | 0~60 | 0~75 | 0~15 | 0~30 | 0~37.5 | 75 | 700m \odot (6 layers) |
| | | t | 12 | 6 | 3 | 25 | 12 | 6 | | |
|  Slewing | HPW55F1.130C | r/min | 0~0.75 | | | | | | 5.5 |  Consult us if overtop |
|  Luffing | BP370 | m/min | 3min(15°~82°) | | | | | | 37 | |
|  | 380V(±10%)50Hz | 117.5(kW) | | | | | | | | |

R250-25

Packing List

| NO | Description | Sketch | L(m) | B(m) | H(m) | Weight Per piece(t) | Qty |
|----|-------------|--------|-------|------|------|---------------------|-----|
| 1 | Jib I | | 5.21 | 1.90 | 1.90 | 1.24 | 1 |
| 2 | Jib II | | 10.23 | 1.90 | 1.90 | 1.42 | 1 |
| 3 | Jib III | | 5.51 | 1.90 | 1.90 | 0.80 | 1 |
| 4 | Jib VI | | 9.45 | 1.85 | 1.90 | 1.85 | 1 |
| 5 | Hook Block | | 0.75 | 0.21 | 2.07 | 0.42 | 1 |

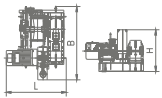
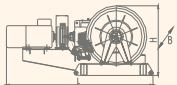
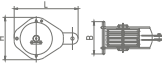
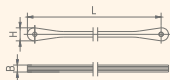
| NO | Description | Sketch | L(m) | B(m) | H(m) | Weight Per piece(t) | Qty |
|----|------------------|--------|------|------|------|---------------------|-----|
| 6 | Slewing Assembly | | 3.13 | 2.27 | 2.52 | 7.14 | 1 |
| 7 | Counter-jib | | 4.14 | 2.12 | 1.25 | 3.04 | 1 |
| 8 | Count Weight | | 2.06 | 0.99 | 0.13 | 1.60 | 1 |
| | | | 3.00 | 0.99 | 0.15 | 2.30 | 7 |
| | | | 3.00 | 0.99 | 0.15 | 2.30 | 1 |

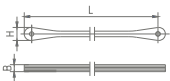
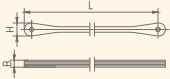
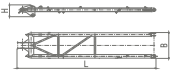
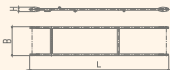
R250-25

Roof Tower Crane

R250-25

Packing List

| NO | Description | Sketch | L(m) | B(m) | H(m) | Weight Per piece(t) | Qty |
|----|----------------------|---|------|------|------|---------------------|-----|
| 9 | Luffing Mechanism |  | 1.94 | 2.12 | 1.21 | 3.13 | 1 |
| 10 | Hoisting Mechanism |  | 3.61 | 2.57 | 1.84 | 7.52 | 1 |
| 11 | Luffing Pulley Block |  | 1.19 | 0.60 | 0.79 | 0.41 | 1 |
| 12 | Draw Bar A |  | 1.81 | 0.16 | 0.04 | 0.04 | 2 |

| NO | Description | Sketch | L(m) | B(m) | H(m) | Weight Per piece(t) | Qty |
|----|---------------------------|--|------|------|------|---------------------|-----|
| 13 | Draw Bar B |  | 5.33 | 0.16 | 0.08 | 0.09 | 2 |
| 14 | Draw Bar C |  | 5.33 | 0.16 | 0.08 | 0.10 | 2 |
| 15 | Front Stay Bar and Pulley |  | 9.26 | 2.14 | 0.98 | 2.51 | 1 |
| 16 | Rear Strut |  | 6.90 | 1.95 | 0.30 | 0.60 | 1 |

| NO | Description | Sketch | L(m) | B(m) | H(m) | Weight Per piece(t) | Qty |
|----|---------------|--------|------|------|------|---------------------|-----|
| 17 | Spring Buffer | | 3.03 | 2.07 | 0.30 | 0.42 | 1 |
| 18 | Whole Beam | | 9.03 | 1.10 | 1.30 | 3.12 | 1 |
| 19 | Half Beam | | 4.16 | 0.48 | 1.45 | 1.45 | 2 |