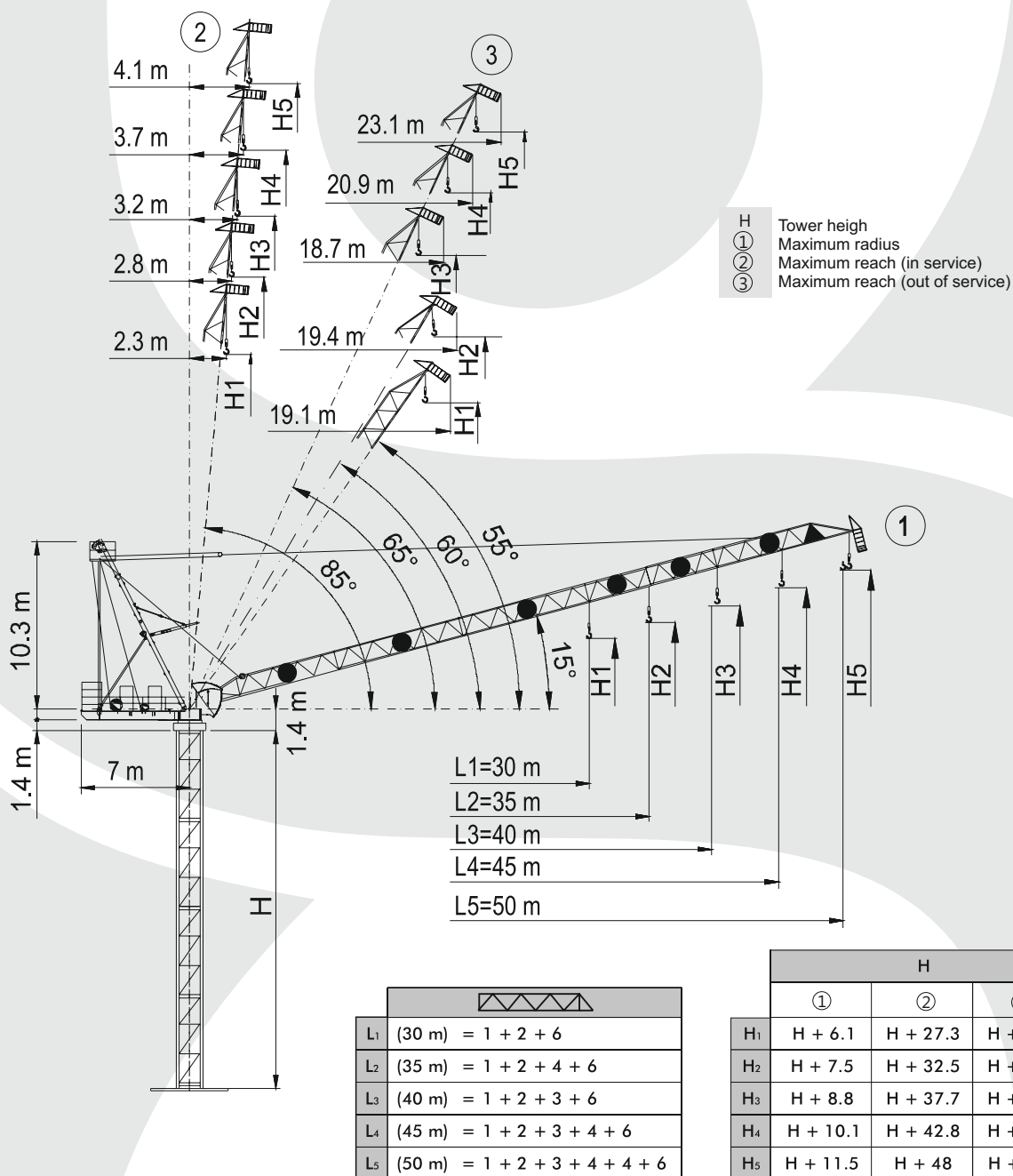


TEREX CTL 140 -10

MAXIMUM CAPACITY: 10 TONS



TECHNICAL DATA:

MAXIMUM CAPACITY: 10 TONS

JIB LENGTH: 50 m

CAPACITY END OF THE JIB: 1,8 T

TEREX CTL 140 -10

MAXIMUM CAPACITY: 10 TONS

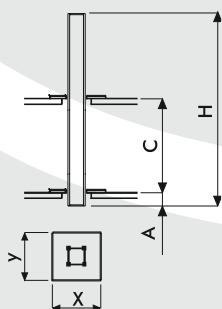


Load diagram

| | | | | m | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|-----|-------|------|--------|---|-------|------|------|------|------|------|------|------|
| 5 t | | | - 28.4 | m | 5.00 | 5.00 | 5.00 | 4.61 | 3.60 | 2.85 | 2.27 | 1.80 |
| 5 t | | | - 29.2 | m | 5.00 | 5.00 | 5.00 | 4.81 | 3.78 | 3.00 | 2.4 | * |
| | 7.5 t | | - 22.1 | m | 7.50 | 7.50 | 6.36 | 4.92 | 3.88 | 3.10 | 2.50 | |
| | | 10 t | - 17.4 | m | 10.00 | 8.42 | 6.25 | 4.81 | 3.78 | 3.00 | 2.40 | |
| 5 t | | | - 30 | m | 5.00 | 5.00 | 5.00 | 5.00 | 3.97 | 3.2 | * | |
| | 7.5 t | | - 22.5 | m | 7.50 | 7.50 | 6.56 | 5.11 | 4.07 | 3.30 | | |
| | | 10 t | - 17.7 | m | 10.00 | 8.62 | 6.45 | 5.01 | 3.97 | 3.20 | | |
| 5 t | | | - 34.9 | m | 5.00 | 5.00 | 5.00 | 5.00 | 4.40 | | | |
| | 7.5 t | | - 23.1 | m | 7.50 | 7.50 | 6.78 | 5.33 | 4.30 | | | |
| | | 10 t | - 18.1 | m | 10.00 | 8.85 | 6.68 | 5.23 | 4.20 | | | |
| 5 t | | | - 30.0 | m | 5.00 | 5.00 | 5.00 | 5.00 | | | | |
| | 7.5 t | | - 23.5 | m | 7.50 | 7.50 | 6.95 | 5.50 | | | | |
| | | 10 t | - 18.3 | m | 10.00 | 9.02 | 6.84 | 5.40 | | | | |

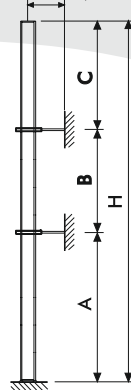
* = + 200 kg [] - 45 m - 40 m

Other configurations



Bottom climbing crane

min. 2.3 m (TS16)
min. 2.6 m (TS21)



Crane tied to the structure

| TS 16c | | | | | | | | | | |
|------------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|----------------|----------------|--|
| [m] | | | | | | | | | | |
| | L ₁ | L ₂ | L ₃ | L ₄ | L ₅ | L _{1,2} | L _{3,4} | L ₁ | L ₂ | |
| C _{min} | 13 | | | | | 11 | | 9 | | |
| H _{max} | 44.3 | 41.3 | 38.4 | 35.4 | 32.5 | 35.4 | 29.5 | 35.4 | 29.5 | |
| A _{min} | 2 | | | | | | | | | |
| x | 2.3 | | | | | | | | | |
| y | 1.8 | | | | | | | | | |

| TS 21c | | | | | | | | | | | | | |
|------------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|----------------|----------------|------------------|------------------|----------------|------------------|
| [m] | | | | | | | | | | | | | |
| | L ₁ | L ₂ | L ₃ | L ₄ | L ₅ | L _{1,2} | L _{3,4} | L ₅ | L ₁ | L _{2,3} | L _{4,5} | L ₁ | L _{2,3} |
| C _{min} | 15 | | | | | 13 | | 11 | | 9 | | | |
| H _{max} | 50.2 | 47.2 | 44.3 | 41.3 | 38.4 | 41.3 | 35.4 | 29.5 | 38.4 | 35.4 | 29.5 | 35.4 | 29.5 |
| A _{min} | 2 | | | | | | | | | | | | |
| x | 2.8 | | | | | | | | | | | | |
| y | 2.3 | | | | | | | | | | | | |

| TS 16 R1 | | | | | | TS 21 R2 | | | | | | |
|----------------------|------------------|------------------|----------------|------------------|------------------|----------------|------------------|------------------|----------------|------------------|------------------|----------------|
| [m] | | | | | | | | | | | | |
| | L _{1,2} | L _{3,4} | L ₅ | L _{1,2} | L _{3,4} | L ₅ | L _{1,2} | L _{3,4} | L ₅ | L _{1,2} | L _{3,4} | L ₅ |
| A _{min/max} | 24/30 | 24/27 | 24/25 | 24/36 | 24/33 | 24/30 | | | | | | |
| B _{min/max} | 17.7/23.6 | 17.7/23.6 | 17.7/23.6 | 17.7/23.6 | 17.7/23.6 | 17.7/23.6 | | | | | | |
| C _{max} | 30 | 27 | 25 | 36 | 33 | 30 | | | | | | |
| H _{max} | | | | | | | | | | | | |

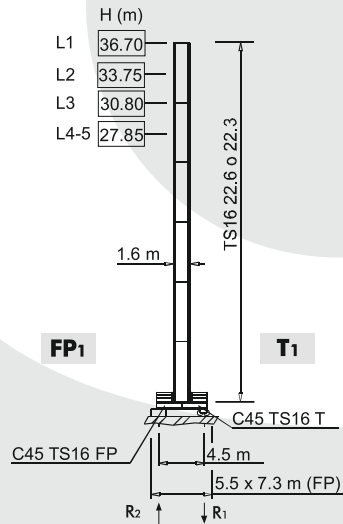
TEREX CTL 140 -10

MAXIMUM CAPACITY: 10 TONS

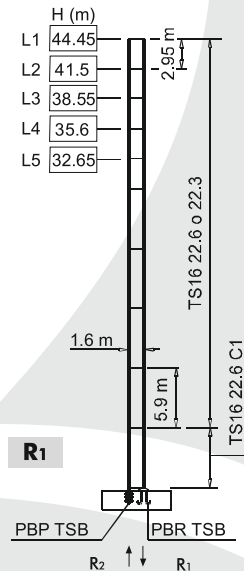


Standard configurations

TS16

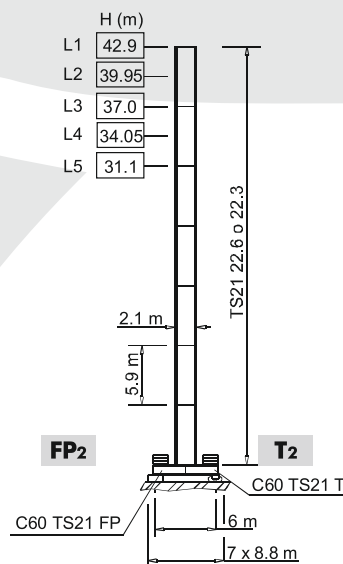


| | |
|----|------------------|
| R1 | 890 kN • 1100 kN |
| R2 | - |
| | 40 t (FP1) |

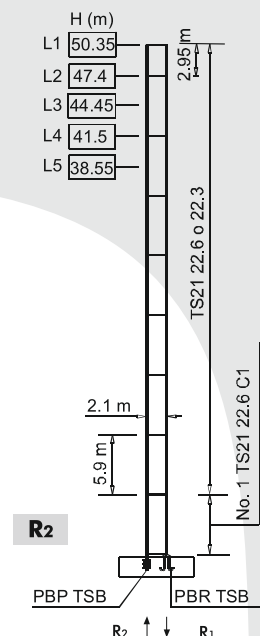


| | |
|----|-------------------|
| R1 | 1600 kN • 2200 kN |
| R2 | 1200 kN • 1950 kN |
| | 40 t |

TS21



| | |
|----|------------------|
| R1 | 750 kN • 1000 kN |
| R2 | - |
| | 46 t (FP2) |



| | |
|----|-------------------|
| R1 | 1350 kN • 2150 kN |
| R2 | 950 kN • 1850 kN |
| | 45 t |

- H Maximum hook height
- in service
- ◄ out of service
- Crane weight without ballast max jib, max height

TEREX CTL 140 -10

MAXIMUM CAPACITY: 10 TONS



Mechanisms

| | | |
|-----------|-------------------------------|------------|
| € | ⚡ | 🎧 |
| 104 * kVA | 400 V - 50 Hz / 460 V - 60 Hz | 2000/14/CE |

* Crane without travelling equipment

| | | | m/min | t | kW | Rope length (m) |
|--|---|--|----------|------|----|----------------------------|
| | 43 AFC 50 R00 43 AFC 50 R01 (VARIANT) | | 0 → 3 | 5 | 43 | 580 m (R00) 850 m (R01) |
| | | | 0 → 11 | 5 | | |
| | | | 0 → 44 | 5 | | |
| | | | 0 → 80 | 2.5 | | |
| | | | 0 → 120 | 1.6 | | |
| | | | 0 → 2 | 7.5 | | |
| | | | 0 → 7.3 | 7.5 | | |
| | | | 0 → 29.3 | 7.5 | | |
| | | | 0 → 53.3 | 3.75 | | |
| | | | 0 → 80 | 2.4 | | |
| | | | 0 → 1.5 | 10 | | |
| | | | 0 → 5.5 | 10 | | |
| | | | 0 → 22 | 10 | | |
| | | | 0 → 40 | 5 | | |
| | | | 0 → 60 | 3.2 | | |

| | | | |
|--|--------------------------------|------------------|-------------|
| | LFC 37 R00 (VARIANT) | 1,5 min | 37 kW |
| | SCC 2 2 100S | 0 → 0.75 obr/min | 2 × 5.81 kW |
| | TAD 2RG 4M3 | 0 → 24 m/min | 4 × 3 kW |

- Luffing
- Hosting
- Slewing
- Travelling
- Directive on noise level
- Power requirements
- Power supply