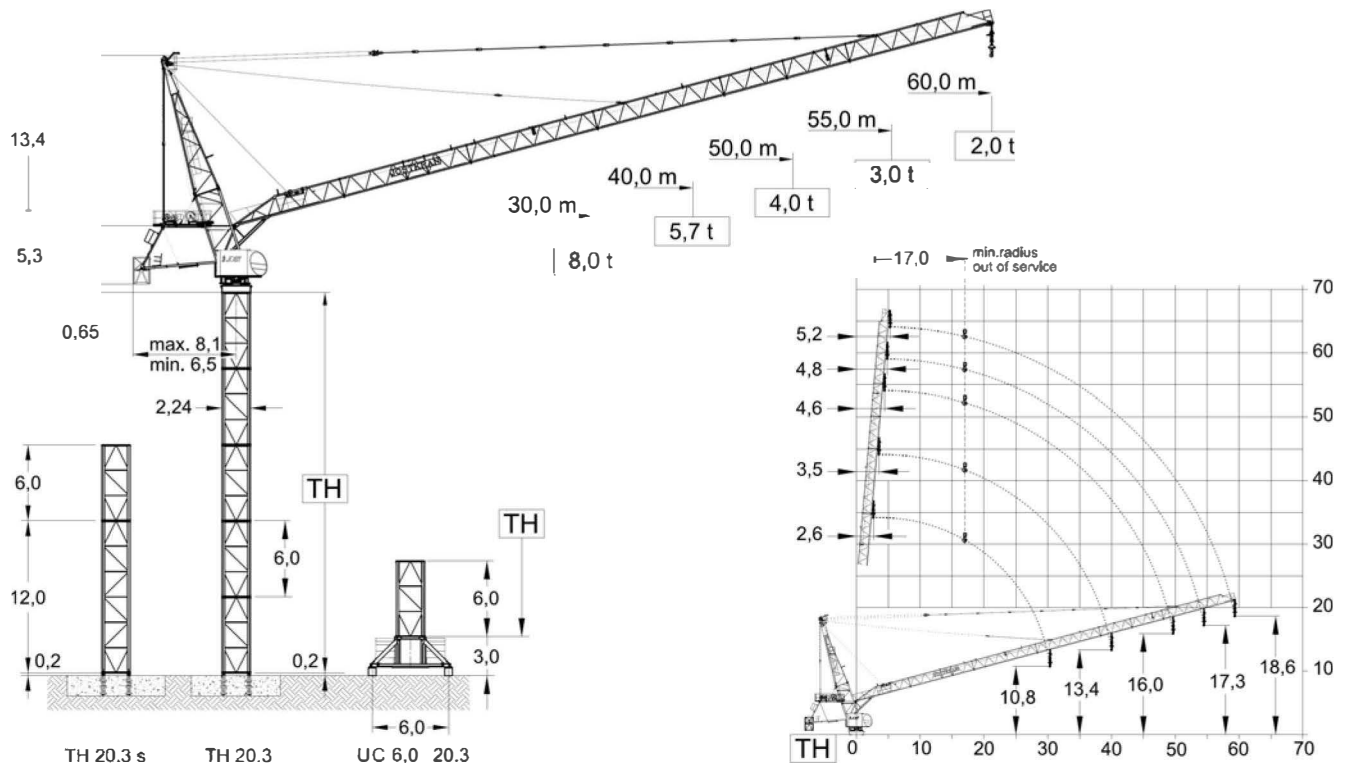


JL 216.16

Luffing crane
Tower TH 20.3



| | | Foundation | | Chassis | |
|----------------|----------|-------------|-------------|-------------|-------------|
| Jib length (m) | | 30,0 - 40,0 | 50,0 - 60,0 | 30,0 - 40,0 | 50,0 - 60,0 |
| TH | TH 20.3 | 42,0 m | 36,0 m | 36,0 m | 30,0 m |
| | TH 20.3s | 48,0 m | 42,0 m | -- | -- |

Speeds 400 V - 50 Hz / 440 V - 60 Hz

| | | Hoist unit 55 / 64 kW Frequency inverter | | | | | |
|----------------------|-----------|--|-----|-----|------|------|------|
| Pmax | | 8,0 - 16,0 (to) | | | | | |
| Ⓢ | Load [to] | 1,8 | 2,4 | 4,2 | 5,4 | 6,6 | 8,0 |
| | v [m/min] | 102 | 90 | 66 | 54 | 44 | 36 |
| Ⓢ | Load [to] | 3,6 | 4,8 | 8,4 | 10,8 | 13,2 | 16,0 |
| | v [m/min] | 51 | 45 | 33 | 27 | 22 | 18 |
| Drum capacity | | 480,0 m | | | | | |

| Radius & Capacity | | | | | | | | | | | | | | |
|-------------------|----------|------|-------|------|------|------|------|------|------|------|------|------|----|----|
| Jib | max Load | | | | | | | | | | | | | |
| | m | rope | t | m | 22 | 25 | 27 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 60 | 8,0 | 16,8 | 6,09 | 5,35 | 4,90 | 4,36 | 3,70 | 3,18 | 2,79 | 2,47 | 2,22 | 2,00 | | |
| | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 55 | 8,0 | 22,0 | 8,00 | 7,03 | 6,49 | 5,81 | 4,93 | 4,27 | 3,76 | 3,35 | 3,00 | | | |
| | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | 8,0 | 26,0 | 8,00 | 8,00 | 7,39 | 6,65 | 5,70 | 5,00 | 4,43 | 4,00 | | | | |
| | 16,0 | 11,9 | 8,77 | 7,68 | 7,09 | 6,35 | 5,40 | 4,70 | 4,13 | 3,70 | | | | |
| 40 | 0,0 | 29,0 | 8,00 | 8,00 | 8,00 | 7,77 | 6,62 | 5,70 | | | | | | |
| | 16,0 | 14,4 | 10,40 | 9,08 | 8,37 | 7,47 | 6,32 | 5,40 | | | | | | |
| 30 | 0,0 | 30,0 | 8,00 | 8,00 | 8,00 | 8,00 | | | | | | | | |
| | 16,0 | 15,5 | 11,13 | 9,72 | 8,96 | 8,00 | | | | | | | | |

Hoist unit 75 kW Frequency inverter

| | | Hoist unit 75 kW Frequency inverter | | | | | |
|----------------------|-----------|-------------------------------------|-----|------|------|------|------|
| Pmax | | 8,0 - 16,0 (to) | | | | | |
| Ⓢ | Load [to] | 3,6 | 4,0 | 5,0 | 6,0 | 7,0 | 8,0 |
| | v [m/min] | 96 | 88 | 72 | 62 | 54 | 48 |
| Ⓢ | Load [to] | 7,2 | 8,0 | 10,0 | 12,0 | 14,0 | 16,0 |
| | v [m/min] | 48 | 44 | 36 | 31 | 27 | 24 |
| Drum capacity | | 680,0 m | | | | | |

* Further hoist models available on request.



FEM A3
DIN 15018 H1-B3
TÜV CERT
DIN EN ISO 9001

Edition 02/07. Subject to modification.
Specifications and data not binding.

| Motor | 30,0 kW FI | 2 x 3,0 kW | 4 x 5,0 kW |
|--------------------------|-------------------|------------------|--------------|
| t / v | 2,20 min | 0,67 rpm | 25,0 m / min |
| Power requirement | Upper part | Hoist 55 / 64 kW | 120 kVA |
| | | Hoist 75 kW | 134 kVA |

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