

# LUFFING JIB TOWER CRANE

**Specifications:**

- ▶ Max jib length: 70,00 m
- ▶ Capacity at max length: 5,80 t
- ▶ Max capacity: 45,00 t



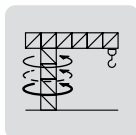
**Power Plus**



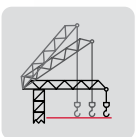
**Power Match**



**Easy Setup**



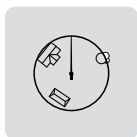
**T-Torque**



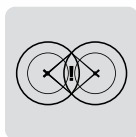
**T-Line**



**T-Link**

















**Zoning**



**Anticollision**

# KEY

## Legenda · Zeichenerklärung · Légende · Leyenda · Legenda · Условные обозначения

|   |   |
|---|---|
|    | Hoisting · Sollevamento · Heben · Levage · Elevación · Elevação · Подъем  |
|    | Slewing · Rotazione · Schwenken · Orientation · Orientació · Giro · Поворот   |
|    | Luffing · Brandeggio · Ausleger-Einziehen · Relevage · Elevación de pluma · Lança basculante · Наклон стрелы  |
|    | Travelling · Traslazione · Schienenfahren · Translation · Traslación · Móvel · Передвижение   |
|    | Directive on noise level · Direttiva sul livello acustico · Richtlinie für den Schall-Leistungspegel · Directive sur le niveau acoustique · Directiva sobre el nivel acustico · Diretiva sobre nivel de ruidos · Директива по уровню шума   |
|    | Consult us · Consultateci · Auf Anfrage · Nous consulter · Consultarnos · Consulte-nos · Проконсультироваться с нами  |
|    | Power requirements · Potenza totale richiesta · Geforderte Stromstärke · Puissance totale nécessaire · Potencia necesaria · Requisitos de energia · Требования по питанию   |
|    | Power supply · Alimentazione · Stromversorgung · Alimentation · Alimentación · Fonte de alimentação · Питание   |
|    | In service · In servizio · In Betrieb · En service · En servicio · Em serviço · При работе  |
|   | Out of service · Fuori servizio · Außer Betrieb · Hors service · Fuera de servicio · Fora de serviço · В режиме простоя   |
|  | Max. under hook height · Altezza max. sotto gancio · Höchste Hakenhöhe · Hauteur maxi. sous crochet · Maxima altura bajo gancho · Alt. máx. sob o gancho · Макс высота крюка  |
|  | Jib · Braccio · Ausleger · Flèche · Pluma · Lança · Стрела  |
|  | Without load, without ballast, max. jib and max. height · A vuoto, senza zavorra, braccio max., altezza max. · Ohne Last und Ballast, mit Maximalausleger und Maximalhöhe · A vide, sans lest, avec flèche et hauteur maximum · Sin carga, sin lastre, con pluma y altura máxima · Sem carga, sem lastro, lança máxima, altura máxima · Без груза, без балласта, на макс. Длине вспомогательной стрелы и макс. Высоте |
|  | Counterweight · Zavorra controbraccio · Gegengewicht · Lest de contre-flèche · Lastre de contra flecha · Contrapeso · Противовес  |
| <b>C25</b>  | EN 14439-C25 · EN 14439 - C25 · EN14439 - C25 · EN 14439 - C25 · EN 14439 - C25 · EN 14439 - C25 · EN 14439 - C25 · EN14439 - C25   |

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CTL 712-45

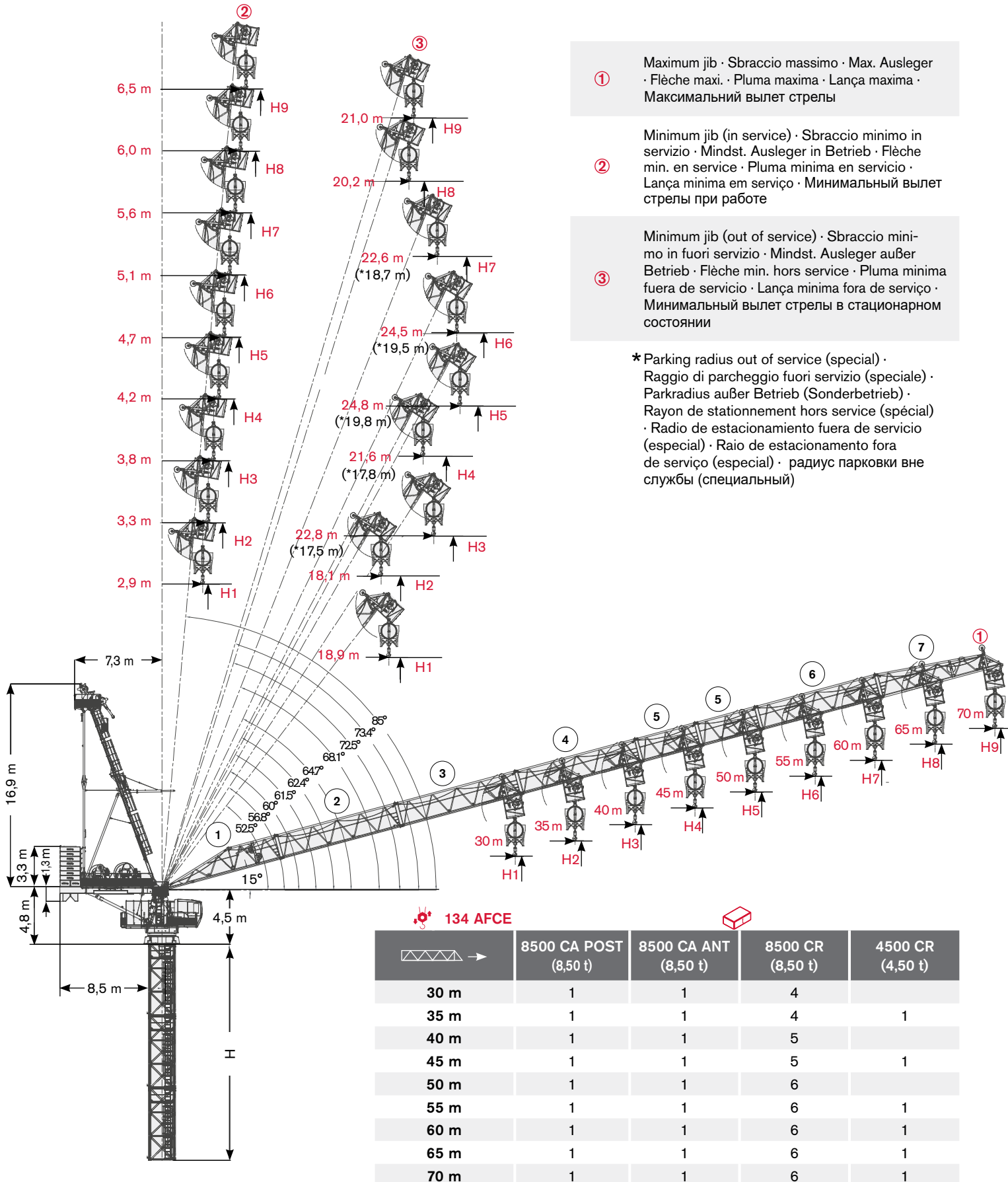
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# LOAD DIAGRAM

Diagramma di portata · Lastkurven · Courbes de charges · Curvas de cargas · Diagrama de carga · Диаграмма грузоподъёмности



## Load Diagram · Diagramma di portata · Lastkurven · Courbes de charges · Curvas de cargas · Diagrama de carga · Схема нарузок

|  |       |       | 15 m  | 20 m  | 25 m  | 30 m  | 35 m  | 40 m  | 45 m  | 50 m | 55 m | 60 m | 65 m | 70 m |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
|  16 t → 25.00 m t   | 16,00 | 16,00 | 16,00 | 13,20 | 11,20 | 9,70  | 8,53  | 7,60  | 6,84  | 6,20 | 5,66 | 5,20 |      |      |
|  16 t → 30.57 m t   | 16,00 | 16,00 | 16,00 | 16,00 | 13,87 | 12,04 | 10,61 | 9,47  | 8,54  | 7,76 | 7,10 |      |      |      |
|  24 t → 20.06 m t   | 24,00 | 24,00 | 18,94 | 15,52 | 13,07 | 11,24 | 9,81  | 8,67  | 7,74  | 6,96 | 6,30 |      |      |      |
|  16 t → 38.21 m t   | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 15,25 | 13,47 | 12,04 | 10,87 | 9,90 |      |      |      |      |
|  30 t → 20.32 m t   | 30,00 | 30,00 | 24,08 | 19,80 | 16,74 | 14,45 | 12,67 | 11,24 | 10,07 | 9,10 |      |      |      |      |
|  16 t → 42.23 m t   | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 14,97 | 13,39 | 12,10 |      |      |      |      |      |
|  32 t → 21.12 m t   | 32,00 | 32,00 | 26,78 | 22,05 | 18,67 | 16,14 | 14,17 | 12,59 | 11,30 |      |      |      |      |      |
|  16 t → 45.54 m t   | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 14,50 |       |      |      |      |      |      |
|  32 t → 22.77 m t   | 32,00 | 32,00 | 29,00 | 23,90 | 20,26 | 17,53 | 15,40 | 13,70 |       |      |      |      |      |      |
|  42 t → 17.23 m t   | 42,00 | 35,85 | 28,20 | 23,10 | 19,46 | 16,73 | 14,60 | 12,90 |       |      |      |      |      |      |
|  16 t → 45.00 m t   | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 |       |       |      |      |      |      |      |
|  32 t → 23.57 m t   | 32,00 | 32,00 | 30,08 | 24,80 | 21,03 | 18,20 | 16,00 |       |       |      |      |      |      |      |
|  45 t → 16.71 m t   | 45,00 | 37,20 | 29,28 | 24,00 | 20,23 | 17,40 | 15,20 |       |       |      |      |      |      |      |
|  16 t → 40.00 m t   | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 |       |       |       |      |      |      |      |      |
|  32 t → 24.40 m t   | 32,00 | 32,00 | 31,20 | 25,73 | 21,83 | 18,90 |       |       |       |      |      |      |      |      |
|  45 t → 17.30 m t   | 45,00 | 38,60 | 30,40 | 24,93 | 21,03 | 18,10 |       |       |       |      |      |      |      |      |
|  16 t → 35.00 m t   | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 |       |       |       |       |      |      |      |      |      |
|  32 t → 24.69 m t  | 32,00 | 32,00 | 31,58 | 26,05 | 22,10 |       |       |       |       |      |      |      |      |      |
|  45 t → 17.50 m t | 45,00 | 39,08 | 30,78 | 25,25 | 21,30 |       |       |       |       |      |      |      |      |      |
|  16 t → 30.00 m t | 16,00 | 16,00 | 16,00 | 16,00 |       |       |       |       |       |      |      |      |      |      |
|  32 t → 24.02 m t | 32,00 | 32,00 | 30,68 | 25,30 |       |       |       |       |       |      |      |      |      |      |
|  45 t → 17.03 m t | 45,00 | 37,95 | 29,88 | 24,50 |       |       |       |       |       |      |      |      |      |      |

### TEREX POWER PLUS

|  | 15 m  | 20 m  | 25 m  | 30 m  | 35 m  | 40 m  | 45 m  | 50 m  | 55 m  | 60 m  | 65 m | 70 m |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
|  16 t → 27.50 m t | 16,00 | 16,00 | 16,00 | 14,60 | 12,40 | 10,75 | 9,47  | 8,44  | 7,60  | 6,90  | 6,31 | 5,80 |
|  16 t → 33.62 m t | 16,00 | 16,00 | 16,00 | 16,00 | 15,34 | 13,32 | 11,75 | 10,50 | 9,47  | 8,61  | 7,89 |      |
|  24 t → 22.06 m t | 24,00 | 24,00 | 20,99 | 17,23 | 14,54 | 12,52 | 10,95 | 9,70  | 8,67  | 7,81  | 7,09 |      |
|  16 t → 42.04 m t | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 14,89 | 13,32 | 12,04 | 10,97 |      |      |
|  30 t → 22.35 m t | 30,00 | 30,00 | 26,65 | 21,94 | 18,58 | 16,06 | 14,09 | 12,52 | 11,24 | 10,17 |      |      |
|  16 t → 46.46 m t | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 14,81 | 13,39 |       |      |      |
|  32 t → 23.23 m t | 32,00 | 32,00 | 29,62 | 24,42 | 20,70 | 17,91 | 15,74 | 14,01 | 12,59 |       |      |      |
|  16 t → 50.00 m t | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 |       |       |      |      |
|  32 t → 25.04 m t | 32,00 | 32,00 | 32,00 | 26,45 | 22,44 | 19,44 | 17,10 | 15,23 |       |       |      |      |
|  42 t → 18.95 m t | 42,00 | 39,68 | 31,26 | 25,65 | 21,64 | 18,64 | 16,30 | 14,43 |       |       |      |      |
|  16 t → 45.00 m t | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 |       |       |       |      |      |
|  32 t → 25.93 m t | 32,00 | 32,00 | 32,00 | 27,44 | 23,29 | 20,18 | 17,76 |       |       |       |      |      |
|  45 t → 18.38 m t | 45,00 | 41,16 | 32,45 | 26,64 | 22,49 | 19,38 | 16,96 |       |       |       |      |      |
|  16 t → 40.00 m t | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 |       |       |       |       |      |      |
|  32 t → 26.85 m t | 32,00 | 32,00 | 32,00 | 28,47 | 24,17 | 20,95 |       |       |       |       |      |      |
|  45 t → 19.03 m t | 45,00 | 42,70 | 33,68 | 27,67 | 23,37 | 20,15 |       |       |       |       |      |      |
|  16 t → 35.00 m t | 16,00 | 16,00 | 16,00 | 16,00 | 16,00 |       |       |       |       |       |      |      |
|  32 t → 27.16 m t | 32,00 | 32,00 | 32,00 | 28,82 | 24,47 |       |       |       |       |       |      |      |
|  45 t → 19.25 m t | 45,00 | 43,22 | 34,10 | 28,02 | 23,67 |       |       |       |       |       |      |      |
|  16 t → 30.00 m t | 16,00 | 16,00 | 16,00 | 16,00 |       |       |       |       |       |       |      |      |
|  32 t → 26.42 m t | 32,00 | 32,00 | 32,00 | 27,99 |       |       |       |       |       |       |      |      |
|  45 t → 18.73 m t | 45,00 | 41,99 | 33,11 | 27,19 |       |       |       |       |       |       |      |      |

Diagramma di portata valido sino ad un'altezza di torre pari a 72 m. Per quote maggiori dedurre il peso della fune proporzionalmente all'incremento di altezza e al tiro. Il peso della fune è 4,48 Kg/m. · Load diagram valid up to a tower height of 72 m. For greater heights deduct the weight of the rope in proportion to the increase in height and fall. The linear weight of the rope is 4,48 kg/m · Diagramme de portée valable jusqu'à une hauteur de la tour égale à 72 m. Pour des hauteurs supérieures, déduire le poids du câble proportionnellement à l'augmentation de la hauteur et au mouflage. Le poids du câble est 4,48 Kg/m. · Diagrama de capacidad válido hasta una altura de torre de 72 m. Para medidas superiores, reste el peso del cable en proporción al incremento de altura y al tiro. El peso del cable es de 4,48 Kg/m. · Lastkurve gültig bis zu einer Turmhöhe von 72 m. Für größere Höhen das Gewicht des Seils im Verhältnis zur Zunahme von Höhe und der Art des Strangbetriebs abziehen. Das Gewicht des Seils beträgt 4,48 kg/m. · Диаграмма грузоподъемности действительна для высоты башни до 72 м. При большей высоте следует вычесть вес каната пропорционально увеличению высоты и тяги. Вес каната составляет 4,48 кг/м.

# LOAD DIAGRAM

Load Diagram · Diagramma di portata · Lastkurven · Courbes de charges ·  
Curvas de cargas · Diagrama de carga · Схема нагрузок

Jib and Tower Height Configurations · Configurazioni torre e braccio · Ausleger- und Turmkonfigurationen · Configurations de la flèche et du mât · Configuraciones de pluma y torre · Configuração de lança e altura de torre · Конфигурация башни и стрелы

|  → |  |
|---|---|
| 30 m  | 1 + 2 + 7   |
| 35 m  | 1 + 2 + 5 + 7   |
| 40 m  | 1 + 2 + 3 + 7   |
| 45 m  | 1 + 2 + 3 + 5 + 7   |
| 50 m  | 1 + 2 + 3 + 4 + 7   |
| 55 m  | 1 + 2 + 3 + 4 + 5 + 7   |
| 60 m  | 1 + 2 + 3 + 4 + 6 + 7   |
| 65 m  | 1 + 2 + 3 + 4 + 5 + 6 + 7   |
| 70 m  | 1 + 2 + 3 + 4 + 5 + 5 + 6 + 7   |

| H  |            |            |            |
|----|------------|------------|------------|
|    | ①          | ②          | ③          |
| H1 | H + 3,1 m  | H + 26,6 m | H + 20,0m  |
| H2 | H + 4,8 m  | H + 31,8 m | H + 26,8 m |
| H3 | H + 6,1 m  | H + 36,9 m | H + 29,4 m |
| H4 | H + 7,5 m  | H + 42,1 m | H + 36,5 m |
| H5 | H + 8,8 m  | H + 47,2 m | H + 40,6 m |
| H6 | H + 10,1 m | H + 52,4 m | H + 46,7 m |
| H7 | H + 11,5 m | H + 57,5 m | H + 53,3 m |
| H8 | H + 12,8 m | H + 62,7 m | H + 59,7 m |
| H9 | H + 14,2 m | H + 67,8 m | H + 65,0 m |

# TOWER

CTL 712-45

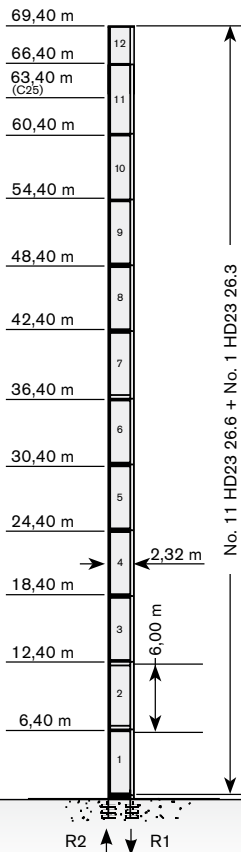
Torre · Turm · Tour · Torre · Torre · Башня

Standard Configurations · Installazioni Standard · Standardkonfiguration · Standard Implantations · Implantaciones Standard · Configuração padrão · Стандартная конфигурация крана

## HD23

Tower: HD23 & Basement: R1

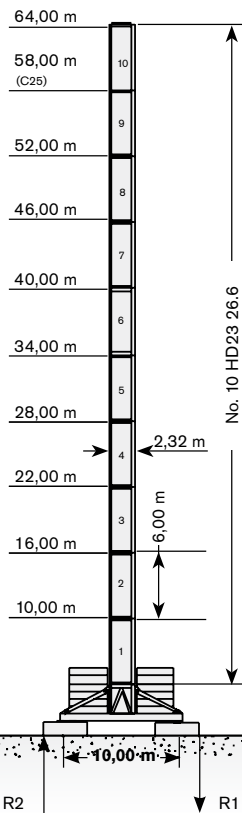
|    |          |          |
|----|----------|----------|
|    | ●        | ◆        |
| R1 | -5040 kN | -5470 kN |
| R2 | 3710 kN  | 4375 kN  |
|    | 1565 kN  |          |



| →    | max. H (m) |              |
|------|------------|--------------|
|      | FEM 1001   | FEM 1005 C25 |
| 30 m | 69,40      | 63,40        |
| 35 m | 66,40      | 60,40        |
| 40 m | 66,40      | 60,40        |
| 45 m | 63,40      | 57,40        |
| 50 m | 60,40      | 57,40        |
| 55 m | 60,40      | 54,40        |
| 60 m | 60,40      | 54,40        |
| 65 m | 54,40      | 51,40        |
| 70 m | 51,40      | 48,40        |

Tower: HD23 & Basement: FP1

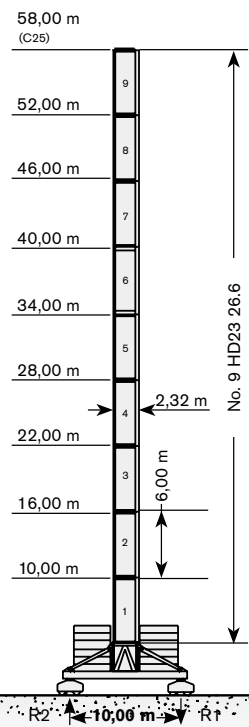
|    |          |          |
|----|----------|----------|
|    | ●        | ◆        |
| R1 | -1885 kN | -1825 kN |
| R2 | -105 kN  | 0 kN     |
|    | 1835 kN  |          |



| →    | max. H (m) |              |
|------|------------|--------------|
|      | FEM 1001   | FEM 1005 C25 |
| 30 m | 64,00      | 58,00        |
| 35 m | 64,00      | 58,00        |
| 40 m | 58,00      | 52,00        |
| 45 m | 58,00      | 52,00        |
| 50 m | 58,00      | 52,00        |
| 55 m | 52,00      | 46,00        |
| 60 m | 52,00      | 46,00        |
| 65 m | 46,00      | 46,00        |
| 70 m | 46,00      | 46,00        |

Tower: HD23 & Basement: T1

|    |          |          |
|----|----------|----------|
|    | ●        | ◆        |
| R1 | -1790 kN | -1825 kN |
| R2 | 0 kN     | 0 kN     |
|    | 1755 kN  |          |



| →    | max. H (m) |              |
|------|------------|--------------|
|      | FEM 1001   | FEM 1005 C25 |
| 30 m | 58,00      | 58,00        |
| 35 m | 52,00      | 52,00        |
| 40 m | 52,00      | 52,00        |
| 45 m | 46,00      | 46,00        |
| 50 m | 46,00      | 46,00        |
| 55 m | 46,00      | 46,00        |
| 60 m | 46,00      | 46,00        |
| 65 m | 46,00      | 46,00        |
| 70 m | 46,00      | 46,00        |

Tower height · Altezza torre · Turmhöhe · Hauteur mat · Altura torre · Altura torre · Высота башни


Modular base chassis is also available; please consult us · E' anche disponibile il carro modulare; consultateci · Modulares Fundamentkreuz auf Anfrage · Châssis modifiable est disponible; nous consulter · La base modular está disponible. Consúltenos · A base modular está disponível; fale conosco · модульная база доступна. проконсультируйтесь с нами

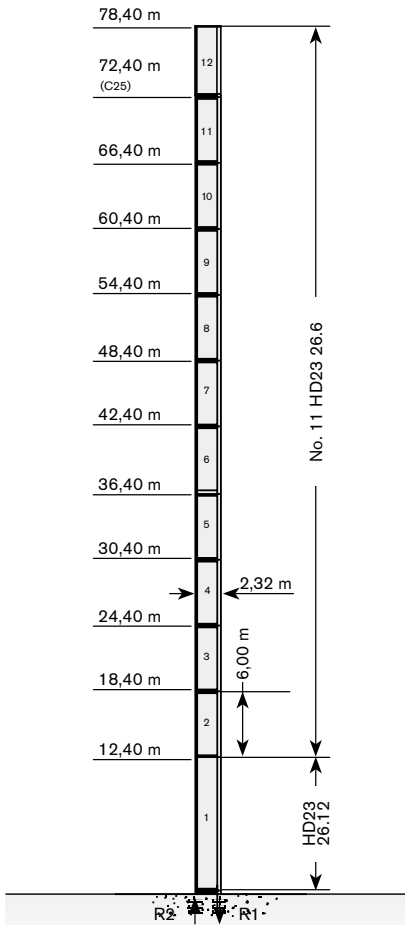
# TOWER

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**HD23** Tower: HD23 & Basement: R2

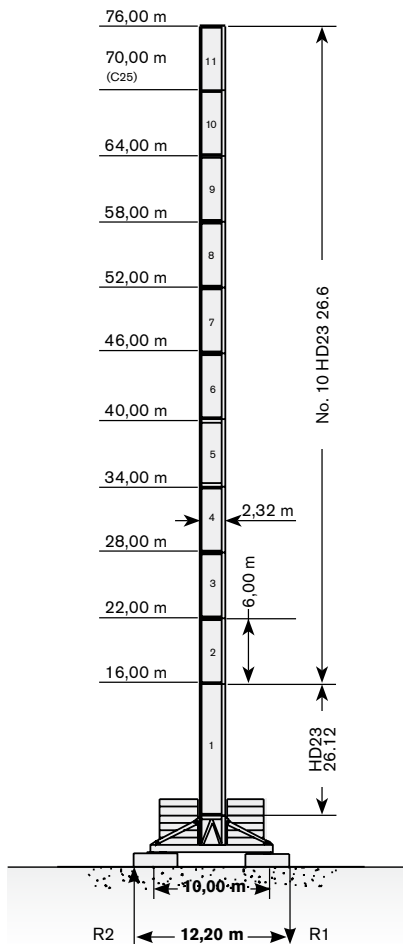
|   |          |          |
|---|----------|----------|
|   | ●        | ◆        |
| R1  | -5585 kN | -6855 kN |
| R2  | 4145 kN  | 5705 kN  |
|  | 1685 kN  |          |



| →    | max. H (m) |              |
|------|------------|--------------|
|      | FEM 1001   | FEM 1005 C25 |
| 30 m | 78,40      | 72,40        |
| 35 m | 78,40      | 72,40        |
| 40 m | 75,40      | 69,40        |
| 45 m | 72,40      | 69,40        |
| 50 m | 69,40      | 66,40        |
| 55 m | 69,40      | 66,40        |
| 60 m | 69,40      | 63,40        |
| 65 m | 66,40      | 60,40        |
| 70 m | 63,40      | 57,40        |


Tower: HD23 & Basement: FP2

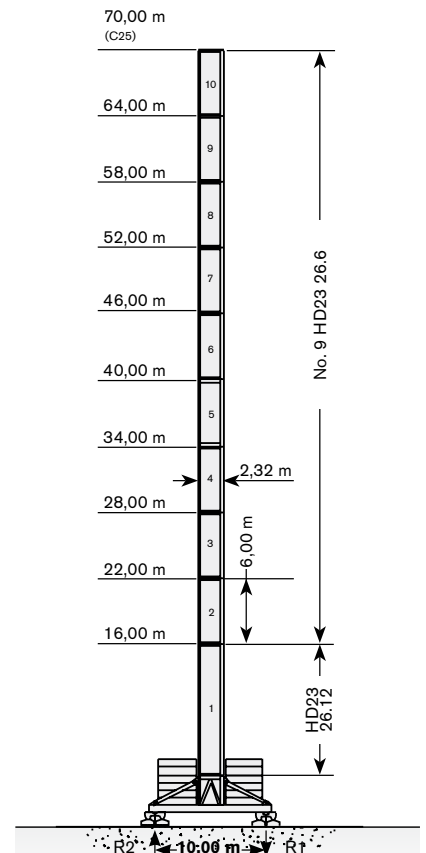
|   |          |          |
|---|----------|----------|
|   | ●        | ◆        |
| R1  | -2180 kN | -2510 kN |
| R2  | -180 kN  | 0 kN     |
|  | 1995 kN  |          |



| →    | max. H (m) |              |
|------|------------|--------------|
|      | FEM 1001   | FEM 1005 C25 |
| 30 m | 76,00      | 70,00        |
| 35 m | 76,00      | 70,00        |
| 40 m | 70,00      | 64,00        |
| 45 m | 70,00      | 64,00        |
| 50 m | 70,00      | 64,00        |
| 55 m | 64,00      | 58,00        |
| 60 m | 64,00      | 58,00        |
| 65 m | 58,00      | 58,00        |
| 70 m | 58,00      | 58,00        |

Tower: HD23 & Basement: T2

|   |          |          |
|---|----------|----------|
|   | ●        | ◆        |
| R1  | -2210 kN | -2390 kN |
| R2  | 0 kN     | 0 kN     |
|  | 2080 kN  |          |



| →    | max. H (m) |              |
|------|------------|--------------|
|      | FEM 1001   | FEM 1005 C25 |
| 30 m | 70,00      | 70,00        |
| 35 m | 64,00      | 64,00        |
| 40 m | 64,00      | 64,00        |
| 45 m | 58,00      | 58,00        |
| 50 m | 58,00      | 58,00        |
| 55 m | 58,00      | 58,00        |
| 60 m | 58,00      | 58,00        |
| 65 m | 58,00      | 58,00        |
| 70 m | 58,00      | 52,00        |

Tower height · Altezza torre · Turmhöhe · Hauteur mat · Altura torre · Altura torre · Высота башни

Different heights and tower combinations are available; please consult us · Altezze diverse e combinazioni di torre sono disponibili; consultateci · Andere Höhen und Turmkombinationen auf Anfrage · Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter · Hay diferentes alturas y combinaciones de torre disponibles. Consultenos · Diferentes alturas e combinações de torres disponíveis; fale conosco · Возможны другие сочетания высоты и конфигурации башни; проконсультируйтесь с нами



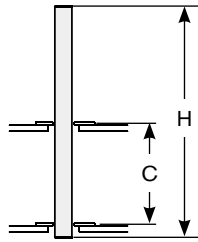
**TEREX**




Torre · Turm · Tour · Torre · Torre · Башня

Other configurations · Altre Installazioni · Aufstellmöglichkeiten · Autres Implantations · Otras Implantaciones · Outras configurações · Другие конфигурации

Bottom climbing crane · Gru climbing · Kletterkran im Gebäude · Télescopage sur dalles · Telescopage grúa trepadora · Guindaste automontante interno · Самоподъемный кран



Tower: HD23 – FEM1001 AND FEM1005 C25 (H = 200 m)

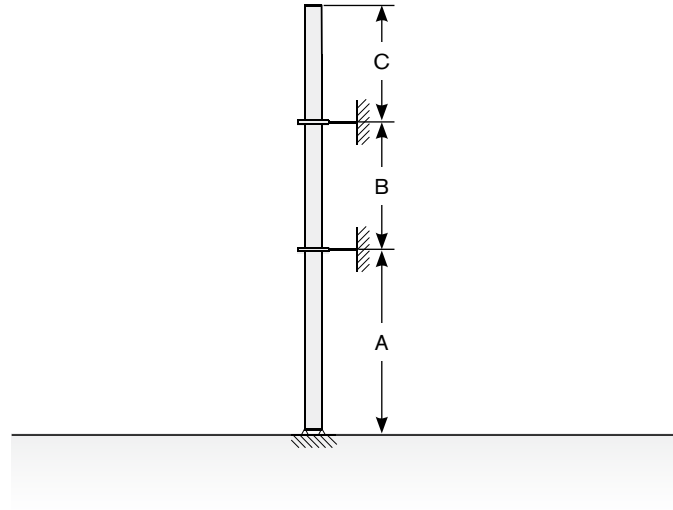
|  | C      | H max  |
|---|--------|--------|
| 30 m  | 14,00m | 48,00m |
|   | 16,00m | 48,00m |
|   | 18,00m | 48,00m |
|   | 21,00m | 48,00m |
| 35 m  | 14,00m | 48,00m |
|   | 16,00m | 48,00m |
|   | 18,00m | 48,00m |
|   | 21,00m | 48,00m |
| 40 m  | 14,00m | 48,00m |
|   | 16,00m | 48,00m |
|   | 18,00m | 48,00m |
|   | 21,00m | 48,00m |
| 45 m  | 14,00m | 42,00m |
|   | 16,00m | 42,00m |
|   | 18,00m | 42,00m |
|   | 21,00m | 42,00m |
| 50 m  | 14,00m | 36,00m |
|   | 16,00m | 36,00m |
|   | 18,00m | 36,00m |
|   | 21,00m | 36,00m |
| 55 m  | 14,00m | 30,00m |
|   | 16,00m | 30,00m |
|   | 18,00m | 30,00m |
|   | 21,00m | 30,00m |
| 60 m  | 14,00m | 30,00m |
|   | 16,00m | 30,00m |
|   | 18,00m | 30,00m |
|   | 21,00m | 30,00m |
| 65 m  | 14,00m | 30,00m |
|   | 16,00m | 30,00m |
|   | 18,00m | 30,00m |
|   | 21,00m | 30,00m |
| 70 m  | 14,00m | 30,00m |
|   | 16,00m | 30,00m |
|   | 18,00m | 30,00m |
|   | 21,00m | 30,00m |

# TOWER

Torre · Turm · Tour · Torre · Torre · Башня

Other configurations · Altre Installazioni · Aufstellmöglichkeiten · Autres Implantations · Otras Implantaciones · Outras configurações · Другие конфигурации

Crane tied to the structure · Gru ancorata · Geankerter Kran · Grue ancrée · Grúa anclada · Guindaste ancorado na estrutura · Кран, крепящийся к сооружению



Tower: HD23 26 – FEM1001

| →    | A min/max | B min/max | C max  |
|------|-----------|-----------|--------|
| 30 m | 48m / 54m | 24m / 30m | 30,00m |
| 35 m | 48m / 54m | 24m / 30m | 30,00m |
| 40 m | 48m / 54m | 24m / 30m | 30,00m |
| 45 m | 42m / 48m | 24m / 30m | 30,00m |
| 50 m | 42m / 48m | 24m / 30m | 30,00m |
| 55 m | 42m / 48m | 24m / 30m | 24,00m |
| 60 m | 36m / 42m | 24m / 30m | 24,00m |
| 65 m | 36m / 42m | 24m / 30m | 24,00m |
| 70 m | 30m / 36m | 24m / 30m | 24,00m |

Tower: HD23 26 – FEM1005 C25 (H = 200 m)

| →    | A min/max | B min/max | C max  |
|------|-----------|-----------|--------|
| 30 m | 42m /48m  | 24m / 30m | 30,00m |
| 35 m | 42m /48m  | 24m / 30m | 30,00m |
| 40 m | 42m /48m  | 24m / 30m | 30,00m |
| 45 m | 36m /42m  | 24m / 30m | 30,00m |
| 50 m | 36m /42m  | 24m / 30m | 30,00m |
| 55 m | 36m /42m  | 24m / 30m | 24,00m |
| 60 m | 30m /36m  | 24m / 30m | 24,00m |
| 65 m | 30m /36m  | 24m / 30m | 24,00m |
| 70 m | 30m /36m  | 24m / 30m | 24,00m |

Tower: HD23 26 R (REINFORCED MAST HD23 26) - FEM1001

| →    | A min/max | B min/max | C max  |
|------|-----------|-----------|--------|
| 30 m | 54m / 60m | 30m / 36m | 48,00m |
| 35 m | 54m / 60m | 30m / 36m | 48,00m |
| 40 m | 54m / 60m | 30m / 36m | 48,00m |
| 45 m | 48m / 54m | 30m / 36m | 48,00m |
| 50 m | 48m / 54m | 30m / 36m | 48,00m |
| 55 m | 48m / 54m | 30m / 36m | 48,00m |
| 60 m | 42m / 48m | 24m / 30m | 42,00m |
| 65 m | 42m / 48m | 24m / 30m | 42,00m |
| 70 m | 36m / 42m | 24m / 30m | 42,00m |

Tower: HD23 26 R (REINFORCED MAST HD23 26) - FEM1005 C25

| →    | A min/max | B min/max | C max  |
|------|-----------|-----------|--------|
| 30 m | 48m /54m  | 30m / 36m | 48,00m |
| 35 m | 48m /54m  | 24m / 30m | 42,00m |
| 40 m | 48m /54m  | 24m / 30m | 42,00m |
| 45 m | 42m /48m  | 24m / 30m | 42,00m |
| 50 m | 42m /48m  | 24m / 30m | 36,00m |
| 55 m | 42m /48m  | 24m / 30m | 36,00m |
| 60 m | 36m /42m  | 24m / 30m | 36,00m |
| 65 m | 36m /42m  | 24m / 30m | 30,00m |
| 70 m | 36m /42m  | 24m / 30m | 30,00m |





Note: up to 200 m for jib lengths 30-55 m  
up to 150 m for jib lengths 60-70 m

# MECHANISMS

CTL 712-45






Meccanismi · Antriebe · Mécanismes · Mecanismos · Mecanismo · Механизм

Power supply · Alimentazione · Stromversorgung · Alimentation · Suministro eléctrico · Requisitos de energia · Требования по питанию

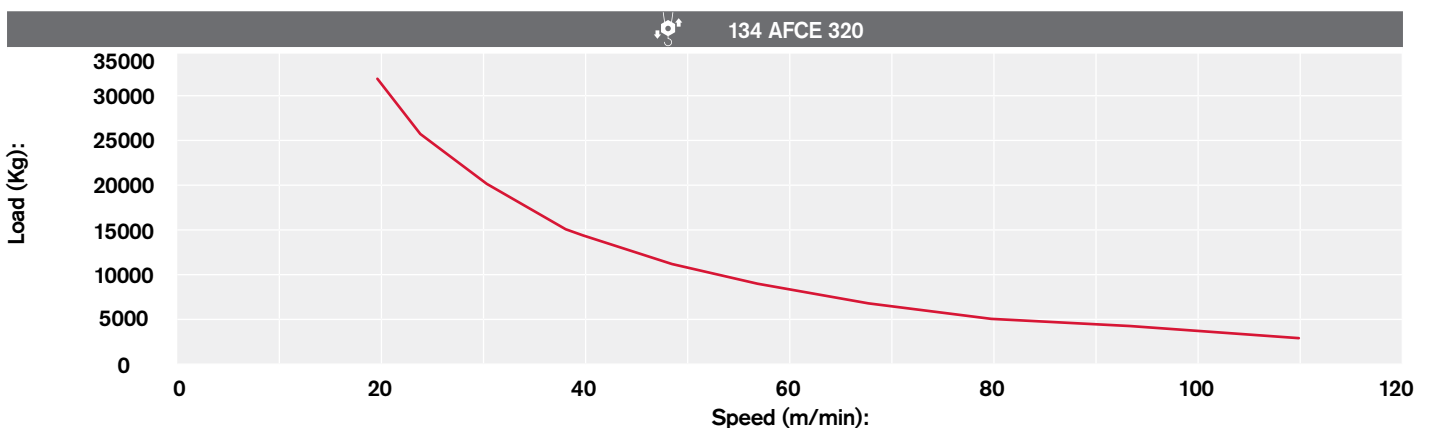
|   |              |  |   |   |
|---|--------------|--|---|---|
|  | 134 AFCE 320 |  206*→320 kVA |  400V - 50Hz / 480V - 60Hz |  2000/14/CE modificata |
|---|--------------|--|---|---|

\*  - kVA +







Hoisting · Sollevamento · Heben · Levage · Elevación · Elevação · Подъем (50Hz)

|   |              |   | t    | m/min   | kW  |  |
|---|--------------|---|------|---------|-----|---|
|  | 134 AFCE 320 |    | 16   | 0 → 43  | 134 | 1197 m  |
|   |              |   | 10   | 0 → 67  |     |   |
|   |              |   | 8    | 0 → 82  |     |   |
|   |              |   | 6    | 0 → 107 |     |   |
|   |              |   | 4    | 0 → 151 |     |   |
|   |              |   | 2,4  | 0 → 226 |     |   |
|   |              |    | 32   | 0 → 21  |     |   |
|   |              |   | 24   | 0 → 28  |     |   |
|   |              |   | 16   | 0 → 40  |     |   |
|   |              |   | 8    | 0 → 70  |     |   |
|   |              |   | 6    | 0 → 87  |     |   |
|   |              |   | 4,25 | 0 → 113 |     |   |
|   |              |  | 45   | 0 → 15  |     |   |
|   |              |   | 32   | 0 → 21  |     |   |
|   |              |   | 26   | 0 → 26  |     |   |
|   |              |   | 12   | 0 → 51  |     |   |
|   |              |   | 9    | 0 → 64  |     |   |
|   |              |   | 7,4  | 0 → 75  |     |   |

Hoisting Speed · Velocità di Sollevamento · Heben Geschwindigkeit · Vitesse de Levage · Velocidad de Elevación · Velocidade de içamento · Скорость подъема



Additional Specifications · Altre movimentazioni · Weitere Leistungsdaten · Spécifications additionnelles · Otras prestaciones · Especificações adicionais · Дополнительные спецификации (50Hz)


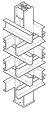








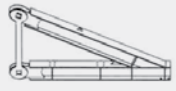


|   |   |                 |           |
|---|---|-----------------|-----------|
|  | 110 LFCE  | 2.2 - 1.7 min   | 110 kW    |
|  | SVF 2 2 22 702-712  | 0 → 0,69 r.p.m. | 2 x 22 kW |
|  |  |                 |           |
|  |  |                 |           |




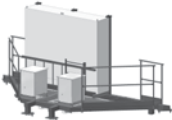

# TRANSPORTATION

Trasporto · Transport · Transport · Transporte · Transporte · Транспортировка

## Packing list

### Undercarriage

| CTL 712-45  | DESCRIPTION · DESCRIZIONE ·<br>BESCHREIBUNG · DESCRIPTION ·<br>DESCRIPCIÓN · DESCRIÇÃO ·<br>ОПИСАНИЕ | LENGTH ·<br>LUNGHEZZA ·<br>LÄNGE ·<br>LONGUEUR ·<br>LONGITUD ·<br>COMPRIMENTO ·<br>ДЛИНА | WIDTH ·<br>LARGHEZZA ·<br>BREITE · LARGEUR ·<br>ANCHURA ·<br>LARGURA ·<br>ШИРИНА | HEIGHT ·<br>ALTEZZA ·<br>HÖHE ·<br>HAUTEUR ·<br>ALTURA · ALTURA ·<br>· ВЫСОТА | QUANTITY ·<br>QUANTITÀ ·<br>MENGE · QUANTITÉ ·<br>· CANTIDAD ·<br>QUANTIDADE ·<br>КОЛИЧЕСТВО | WEIGHT ·<br>PESO ·<br>GEWICHT ·<br>POIDS · PESO ·<br>PESO · BEC |
|---|--|--|--|---|--|---|
|    | EXPEDABLE FOUNDATION<br>ANCHOR HD23 22   | 2,13 m   | 0,60 m   | 0,60 m  | 4  | 452 kg  |
|    | EXPEDABLE FOUNDATION<br>ANCHOR HD23 26   | 2,55 m   | 0,80 m   | 0,80 m  | 4  | 827 kg  |
|    | EXPEDABLE FOUNDATION<br>ANCHOR HD23 26<br>6 SCREWS   | 2,55 m   | 0,80 m   | 0,80 m  | 4  | 960 kg  |
|    | BASE PLATE JIG<br>HD23 22/26   | 2,50 m   | 2,30 m   | 0,24 m  | 1  | 600 kg  |
|  | "I" BALLAST FOR 10x10m<br>UNDERCARRIAGE  | 2,20 m   | 2,20 m   | 1,00 m  | 4  | 11600 kg  |
|  | "E" BALLAST FOR 10x10m<br>UNDERCARRIAGE  | 2,20 m   | 2,20 m   | 1,00 m  | 4  | 11700 kg  |
|  | "S" BALLAST FOR 8x8m<br>UNDERCARRIAGE  | 5,00 m   | 2,20 m   | 0,30 m  | 1  | 5000 kg   |
|  | "SRB" BALLAST FOR 8x8m<br>UNDERCARRIAGE  | 2,50 m   | 1,40 m   | 0,30 m  | 1  | 2500 kg   |
|  | "T" BALLAST FOR 10x10m<br>UNDERCARRIAGE  | 4,80 m   | 2,60 m   | 0,30 m  | 1  | 7400 kg   |
|  | 8x8 m UNDERCARRIAGE STRUT<br>MOUNTING TOWER SECTION  | 2,90 m   | 2,90 m   | 2,90 m  | 1  | 9150 kg   |
|  | 8x8 m<br>UNDERCARRIAGE STRUT   | 4,80 m   | 0,30 m   | 2,25 m  | 4  | 1820 kg   |
|  | 8x8 m<br>UNDERCARRIAGE INTERNAL BEAM   | 4,00 m   | 0,16 m   | 0,33 m  | 4  | 210 kg  |
|  | 8x8 m<br>UNDERCARRIAGE EXTERNAL BEAM   | 5,96 m   | 0,30 m   | 0,33 m  | 4  | 626 kg  |

| CTL 712-45  | DESCRIPTION · DESCRIZIONE ·<br>BESCHREIBUNG · DESCRIPTION ·<br>DESCRIPCIÓN · DESCRIÇÃO ·<br>ОПИСАНИЕ | LENGTH ·<br>LUNGHEZZA ·<br>LANGE ·<br>LONGUEUR ·<br>LONGITUD ·<br>COMPRIENTO ·<br>ДЛИНА | WIDTH ·<br>LARGHEZZA ·<br>BREITE · LARGEUR ·<br>ANCHURA ·<br>LARGURA ·<br>ШИРИНА | HEIGHT ·<br>ALTEZZA ·<br>HÖHE ·<br>HAUTEUR ·<br>ALTURA · ALTURA ·<br>· ВЫСОТА | QUANTITY ·<br>QUANTITÀ ·<br>MENGE · QUANTITÉ ·<br>· CANTIDAD ·<br>QUANTIDADE ·<br>КОЛИЧЕСТВО | WEIGHT ·<br>PESO ·<br>GEWICHT ·<br>POIDS · PESO ·<br>PESO · ВЕС |
|---|--|---|--|---|--|---|
|    | 10×10 m UNDERCARRIAGE STRUT MOUNTING TOWER SECTION   | 3,00 m  | 3,00 m   | 3,10 m  | 1  | 10450 kg  |
|    | 10×10 m LEFT + RIGHT UNDERCARRIAGE STRUT   | 5,70 m  | 2,60 m   | 0,70 m  | 2 left +<br>2 right  | 3825 kg   |
|    | CROSSBEAM FOR TRAVELLING 10×10 m UNDERCARRIAGE   | 7,00 m  | 2,20 m   | 0,40 m  | 2  | 2030 kg   |
|   | 10×10 m UNDERCARRIAGE ELECTRICAL BOX SUPPORT PLATFORM FOR TVF 4RT 4M9 TRAVELLING DRIVE UNIT          | 5,70 m  | 2,20 m   | 2,40 m  | 1  | 1300 kg   |
|  | 10×10 m UNDERCARRIAGE ELECTRICAL BOX SUPPORT PLATFORM FOR TSR 4RG 4M8 TRAVELLING DRIVE UNIT          | 5,60 m  | 2,10 m   | 3,70 m  | 1  | 645 kg  |

## Tower

|   |                          |         |        |        |   |                       |
|---|--------------------------|---------|--------|--------|---|-----------------------|
|  | TOWER SECTION HD23 26.6  | 6,00 m  | 2,34 m | 2,32 m | 1 | 6450 kg*<br>6300 kg** |
|  | TOWER SECTION HD23 22.6  | 6,00 m  | 2,28 m | 2,29 m | 1 | 4730 kg*<br>4675 kg** |
|  | TOWER SECTION HD23 22.3  | 3,00 m  | 2,29 m | 2,28 m | 1 | 2720 kg*<br>2660 kg** |
|  | TOWER SECTION HD23 26.12 | 12,00 m | 2,32 m | 2,55 m | 1 | 15670 kg*             |
|  | TOWER SECTION HD23 26.3  | 3,00 m  | 2,34 m | 2,32 m | 1 | 3658 kg*              |
|  | SLEWING UNIT             | 2,53 m  | 3,10 m | 2,49 m | 1 | 16200 kg              |
|  | RESISTOR PLATFORM        | 3,17 m  | 1,78 m | 1,85 m | 1 | 1190 kg               |

\* inclusive of ladders, platforms and assembly equipment

\*\* with aluminium ladders

# TRANSPORTATION

Trasporto · Transport · Transport · Transporte · Transporte · Транспортировка

## Cab

| CTL 712-45 | DESCRIPTION · DESCRIZIONE ·<br>BESCHREIBUNG · DESCRIPTION ·<br>DESCRIPCIÓN · DESCRIÇÃO ·<br>ОПИСАНИЕ | LENGTH ·<br>LUNGHEZZA ·<br>LÄNGE ·<br>LONGUEUR ·<br>LONGITUD ·<br>COMPRIMENTO ·<br>ДЛИНА | WIDTH ·<br>LARGHEZZA ·<br>BREITE · LARGEUR ·<br>ANCHURA ·<br>LARGURA ·<br>ШИРИНА | HEIGHT ·<br>ALTEZZA ·<br>HÖHE ·<br>HAUTEUR ·<br>ALTURA · ALTURA ·<br>· ВИСОТА | QUANTITY ·<br>QUANTITÀ ·<br>MENGE · QUANTITÉ ·<br>· CANTIDAD ·<br>QUANTIDADE ·<br>КОЛИЧЕСТВО | WEIGHT ·<br>PESO ·<br>GEWICHT ·<br>POIDS · PESO ·<br>PESO · ВЕС |
|------------|--|--|--|---|--|---|
|------------|--|--|--|---|--|---|



CAB  
SUPPORT PLATFORM  
UNIT

6,81 m












2,35 m







2,70 m

1

4600 kg

## Upper Part

|   |   |         |        |        |   |            |
|---|---|---------|--------|--------|---|------------|
|    | UPPER SLEWING SING<br>SUPPORT A-FRAME   | 2,30 m  | 2,37 m | 3,55 m | 1 | 5400 kg    |
|    | COUNTERJIB                              | 8,07 m  | 2,35 m | 1,29 m | 1 | 7180 kg    |
|    | LUFFING WINCH                           | 3,00 m  | 1,82 m | 1,85 m | 1 | 6500 kg*** |
|  | HOIST WINCH                             | 3,52 m  | 2,25 m | 2,29 m | 1 | 8701 kg*   |
|  | SERVICE WINCH                           | 1,32 m  | 0,70 m | 1,16 m | 1 | 350 kg***  |
|  | COUNTERJIB A-FRAME<br>FRAME             | 7,70 m  | 2,30 m | 9,50 m | 1 | 4875 kg    |
|  | COUNTERJIB A-FRAME<br>HEAD              | 3,50 m  | 2,30 m | 8,30 m | 1 | 6615 kg    |
|  | MOBILE SHEAVE BLOCK<br>FOR LUFFING ROPE | 2,32 m  | 0,47 m | 0,38 m | 1 | 575 kg     |
|  | JIB SECTION-01                          | 10,58 m | 2,23 m | 2,11 m | 1 | 4010 kg    |
|  | JIB SECTION-02                          | 10,54 m | 2,10 m | 2,10 m | 1 | 2350 kg    |
|  | JIB SECTION-03                          | 10,54 m | 2,10 m | 2,10 m | 1 | 2265 kg    |

| CTL 712-45  | DESCRIPTION · DESCRIZIONE ·<br>BESCHREIBUNG · DESCRIPTION ·<br>DESCRIPCIÓN · DESCRIÇÃO ·<br>ОПИСАНИЕ | LENGTH ·<br>LUNGHEZZA ·<br>LÄNGE ·<br>LONGUEUR ·<br>LONGITUD ·<br>COMPRIENTO ·<br>ДЛИНА | WIDTH ·<br>LARGHEZZA ·<br>BREITE · LARGEUR ·<br>ANCHURA ·<br>LARGURA ·<br>ШИРИНА | HEIGHT ·<br>ALTEZZA ·<br>HÖHE ·<br>HAUTEUR ·<br>ALTURA · ALTURA ·<br>· ВИСОТА | QUANTITY ·<br>QUANTITÀ ·<br>MENGE · QUANTITÉ ·<br>· CANTIDAD ·<br>QUANTIDADE ·<br>КОЛИЧЕСТВО | WEIGHT ·<br>PESO ·<br>GEWICHT ·<br>POIDS · PESO ·<br>PESO · ВЕС |
|---|--|---|--|---|--|---|
|    | JIB SECTION-04   | 10,54 m   | 2,10 m   | 2,10 m  | 1  | 2570 kg   |
|    | JIB SECTION-05   | 5,40 m  | 2,10 m   | 2,10 m  | 1  | 1540 kg   |
|    | JIB SECTION-06   | 10,54 m   | 2,10 m   | 2,10 m  | 1  | 2040 kg   |
|    | JIB SECTION-07   | 10,54 m   | 2,10 m   | 3,18 m  | 1  | 3900 kg   |
|   | 2-3 FALL HOIST BLOCK   | 3,20 m  | 1,70 m   | 0,90 m  | 1  | 2320 kg   |
|  | 1-FALL HOIST BLOCK   | 1,90 m  | 0,46 m   | 0,46 m  | 1  | 800 kg  |
|   |  |   |  |   |  |   |
|   |  |   |  |   |  |   |
|   |  |   |  |   |  |   |
|   |  |   |  |   |  |   |









# TEREX TOWER CRANES

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