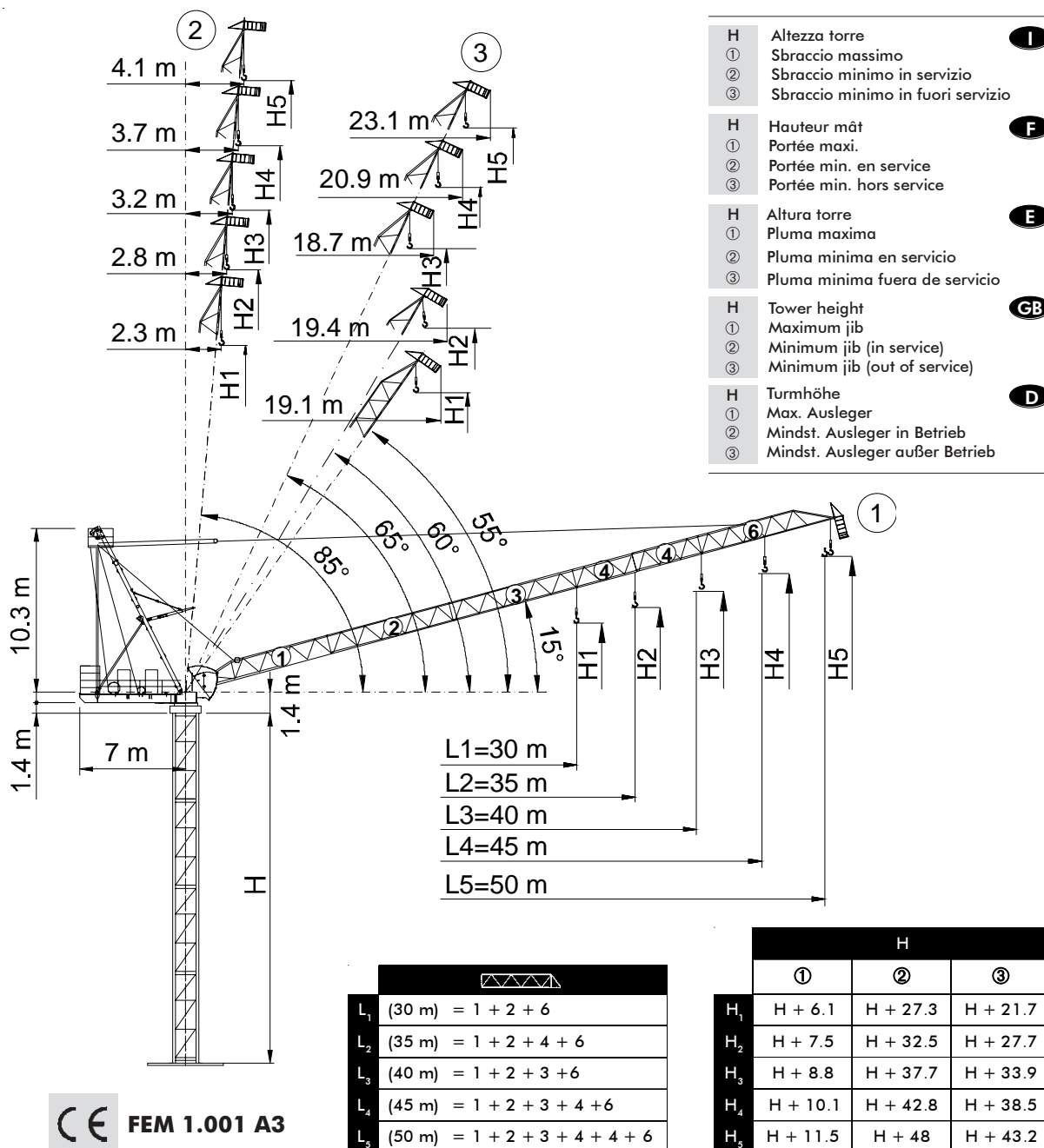


• **Gru a torre a braccio impennabile**  
**Luffing Jib Tower Crane • Grue à tour à flèche relevable**  
 • **Turmdrehkran mit Steilstellung-Ausleger**  
 • **Grúa torre de pluma abatible**



**CE FEM 1.001 A3**

In vigore dal: 01 gennaio 2007. Le specifiche del prodotto ed i prezzi sono soggetti a modifica senza alcun obbligo di preavviso. Le fotografie e/o disegni nel presente documento hanno uno scopo meramente illustrativo. Per il corretto utilizzo di ciascuna attrezzatura, si rimanda allo specifico manuale d'istruzioni. L'inosservanza di quanto previsto nel manuale d'istruzione nell'utilizzo dell'attrezzatura, così come un comportamento irresponsabile potrebbero cagionare gravi lesioni o il decesso. Le nostre attrezzature sono coperte solo ed esclusivamente dalla garanzia *standard* scritta prevista per ogni specifico prodotto, con esclusione di qualsivoglia ulteriore garanzia, sia tacita che espressa, da parte di Terex. I prodotti e servizi elencati possono essere marchi di fabbrica, di servizi o ragioni sociali appartenenti a Terex Corporation e/o alle sue affiliate operative sia negli USA che in altri paesi e tutti i diritti s'intendono riservati. "TEREX" è un marchio appartenente a Terex Corporation e registrato sia negli USA che in altri paesi. Copyright © 2007 Terex Corporation.

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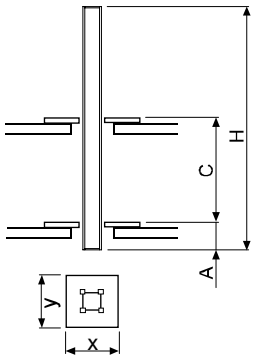
**Diagramma di portata** (I)      **Courbes de charges** (F)      **Curvas de cargas** (E)  
**Load Diagram** (GB)      **Lastkurven** (D)

## CTL 140-8

|     |          | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   |
|-----|----------|------|------|------|------|------|------|------|------|
| 4 t | - 32.8 m | 4.00 | 4.00 | 4.00 | 4.00 | 3.60 | 2.85 | 2.27 | 1.80 |
| 4 t | - 33.8 m | 4.00 | 4.00 | 4.00 | 4.00 | 3.78 | 3.00 | 2.40 | *    |
| 6 t | - 26.1 m | 6.00 | 6.00 | 6.00 | 4.92 | 3.88 | 3.10 | 2.50 |      |
| 8 t | - 20.8 m | 8.00 | 8.00 | 6.25 | 4.81 | 3.78 | 3.00 | 2.40 |      |
| 4 t | - 34.8 m | 4.00 | 4.00 | 4.00 | 4.00 | 3.97 | 3.20 | *    |      |
| 6 t | - 26.7 m | 6.00 | 6.00 | 6.00 | 5.11 | 4.07 | 3.30 |      |      |
| 8 t | - 21.2 m | 8.00 | 8.00 | 6.45 | 5.01 | 3.97 | 3.20 |      |      |
| 4 t | - 35.0 m | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 |      |      |      |
| 6 t | - 27.4 m | 6.00 | 6.00 | 6.00 | 5.33 | 4.30 |      |      |      |
| 8 t | - 21.7 m | 8.00 | 8.00 | 6.68 | 5.23 | 4.20 |      |      |      |
| 4 t | - 30.0 m | 4.00 | 4.00 | 4.00 | 4.00 |      |      |      |      |
| 6 t | - 28.0 m | 6.00 | 6.00 | 6.00 | 5.50 |      |      |      |      |
| 8 t | - 22.0 m | 8.00 | 8.00 | 6.84 | 5.40 |      |      |      |      |

\* = + 200 kg [L<sub>3</sub> - L<sub>4</sub> 45 m - 40 m] (i)

**Altre installazioni** (I)      **Autres implantations** (F)      **Otras implantaciones** (E)  
**Other configurations** (GB)      **Aufstellmöglichkeiten** (D)

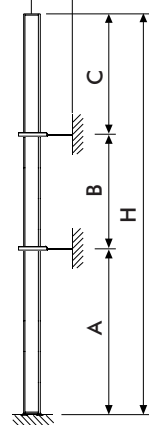


(i)

Gru climbing  
 Bottom climbing crane  
 Télescopage sur dalles  
 Kletterkran im Gebäude  
 Grúa trepadora

(I)  
 (GB)  
 (F)  
 (D)  
 (E)

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



(i)

Gru ancorata  
 Crane tied to the structure  
 Grue ancrée  
 Geankerter Kran  
 Grúa anclada

(I)  
 (GB)  
 (F)  
 (D)  
 (E)

|                  |                  | TS 16 CL       |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |   |
|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|
|                  |                  | [m]            |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |   |
|                  |                  | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> |   |
| C <sub>min</sub> | H <sub>max</sub> | 11             | 12             | 11             | 12             | 13             | 11             | 12             | 13             | -              | 12             | 13             | -              | -              | 12             | 13             | -              | -              | 12             | 13             | -              | - |
| A <sub>min</sub> | x                | 2.2            |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |   |
| y                |                  | (i)            |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |   |

|                  |                  | TS 21 CL       |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |
|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
|                  |                  | [m]            |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |
|                  |                  | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> |  |
| C <sub>min</sub> | H <sub>max</sub> |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |
| A <sub>min</sub> | x                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |
| y                |                  |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |

|                      |                  | TS 16 R1         |                  |                | TS 21 R2         |                  |                |
|----------------------|------------------|------------------|------------------|----------------|------------------|------------------|----------------|
|                      |                  | [m]              |                  |                |                  |                  |                |
|                      |                  | L <sub>1-2</sub> | L <sub>3-4</sub> | L <sub>5</sub> | L <sub>1-2</sub> | L <sub>3-4</sub> | L <sub>5</sub> |
| A <sub>min/max</sub> | H <sub>max</sub> | 24/30            | 24/27            | 24/25          | 24/36            | 24/33            | 24/30          |
| B <sub>min/max</sub> | C <sub>max</sub> | 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 <sub>max</sub>     | H <sub>max</sub> | 30               | 27               | 25             | 36               | 33               | 30             |
|                      |                  | (i)              |                  |                |                  |                  |                |

Torre **I**

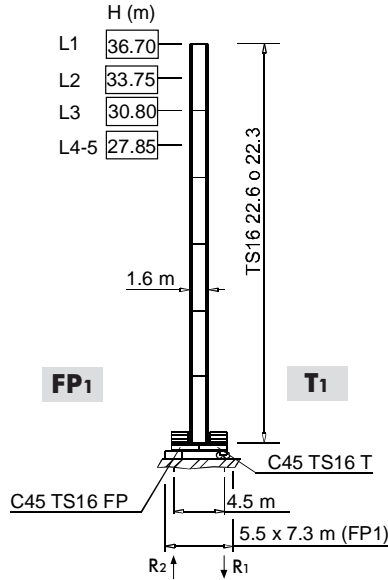
Tower **GB**

Tour **F**

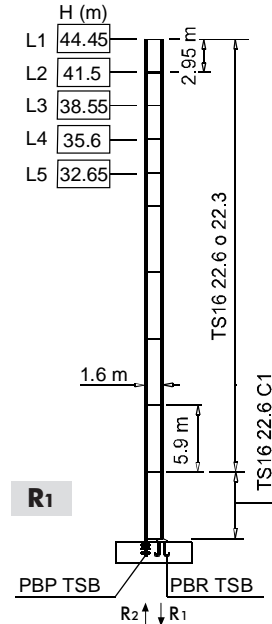
Turm **D**

Torre **E**

**TS16**

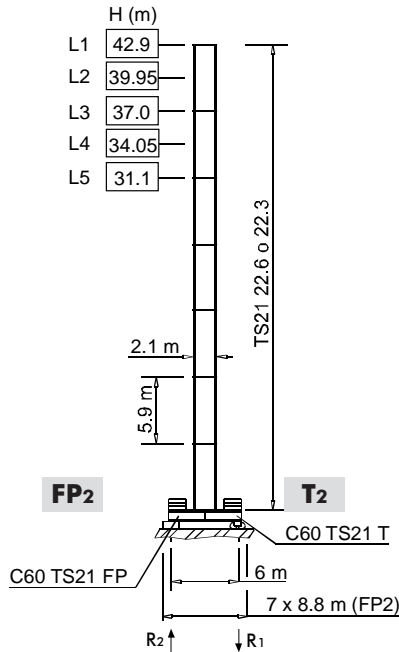


|    |            |           |
|----|------------|-----------|
| R1 | 890 kN ●   | 1100 kN ◄ |
| R2 | 0          | 0         |
|    | 40 t (FP1) |           |

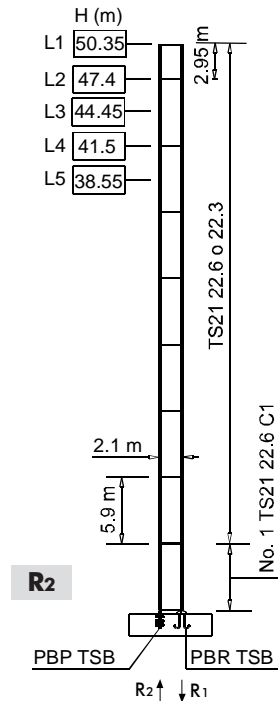


|    |           |           |
|----|-----------|-----------|
| R1 | 1600 kN ● | 2200 kN ◄ |
| R2 | 1200 kN ● | 1950 kN ◄ |
|    | 40 t      |           |

**TS21**



|    |            |           |
|----|------------|-----------|
| R1 | 750 kN ●   | 1000 kN ◄ |
| R2 | 0          | 0         |
|    | 46 t (FP2) |           |



|    |           |           |
|----|-----------|-----------|
| R1 | 1350 kN ● | 2150 kN ◄ |
| R2 | 950 kN ●  | 1850 kN ◄ |
|    | 45 t      |           |

**Meccanismi**  
**Mechanisms**






**Mécanismes**  
**Antriebe**













**Mecanismos**











|  |  |  |
|---|---|---|
| 79 * kVA  | 400 V - 50 Hz / 460 V - 60 Hz   | 2000/14/CE modificata   |

\* Gru senza traslazione / Crane without travelling equipment / Grue sans translation / Krane ohne Schienenfahren / Grúa sin traslación

|  |                               | m/min   | t        | kW   |  |             |
|--|-------------------------------|---|----------|------|---|-------------|
|  | <b>37 AFC 40 R00 (VECTOR)</b> |    | 0 ⇒ 3    | 4    | 37  | 580 m (R00) |
|  |                               |   | 0 ⇒ 11   | 4    |   |             |
|  |                               |   | 0 ⇒ 44   | 4    |   |             |
|  |                               |   | 0 ⇒ 80   | 2.1  |   |             |
|  |                               |   | 0 ⇒ 116  | 1.3  |   |             |
|  |                               |    | 0 ⇒ 2    | 6    |   |             |
|  |                               |   | 0 ⇒ 7.3  | 6    |   |             |
|  |                               |   | 0 ⇒ 29.3 | 6    |   |             |
|  |                               |   | 0 ⇒ 53.3 | 3.15 |   |             |
|  |                               |   | 0 ⇒ 77.3 | 1.95 |   |             |
|  |                               |  | 0 ⇒ 1.5  | 8    |   |             |
|  |                               |   | 0 ⇒ 5.5  | 8    |   |             |
|  |                               |   | 0 ⇒ 22   | 8    |   |             |
|  |                               |   | 0 ⇒ 40   | 4.2  |   |             |
|  |                               |   | 0 ⇒ 58   | 2.6  |   |             |

|   |   |                 |             |
|---|---|-----------------|-------------|
|  | <b>LFC 37 R00 (VECTOR)</b>  | 1.5 min         | 37 kW       |
|  | <b>SCC 2 2 100S</b>   | 0 ⇒ 0.75 r.p.m. | 2 × 5.81 kW |
|  | <b>TAD 2RG 4M3</b>  | 0 ⇒ 24 m/min    | 4 × 3 kW    |
|  |  |                 |             |

|  |                                |          |                          |           |                                    |          |  |          |                                   |          |
|--|--------------------------------|----------|--------------------------|-----------|------------------------------------|----------|--|----------|-----------------------------------|----------|
|  | Sollevamento                   | <b>I</b> | Hoisting                 | <b>GB</b> | Levage                             | <b>F</b> | Heben                                    | <b>D</b> | Elevación                         | <b>E</b> |
|  | Brandeggio                     |          | Luffing                  |           | Relevage                           |          | Ausleger-Einziehen                       |          | Elevación de pluma                |          |
|  | Rotazione                      |          | Slewing                  |           | Orientation                        |          | Schwenken                                |          | Orientación                       |          |
|  | Traslazione                    |          | Travelling               |           | Translation                        |          | Schienenfahren                           |          | Traslación                        |          |
|  | Direttiva sul livello acustico |          | Directive on noise level |           | Directive sur le niveau acoustique |          | Richtlinie für den Schall-Leistungspegel |          | Directiva sobre el nivel acustico |          |
|  | Consultateci                   |          | Consult us               |           | Nous consulter                     |          | Auf Anfrage                              |          | Consultarnos                      |          |
|  | Potenza totale richiesta       |          | Power requirements       |           | Puissance totale nécessaire        |          | Geforderte Stromstärke                   |          | Potencia necesaria                |          |
|  | Alimentazione                  |          | Power supply             |           | Alimentation                       |          | Stromversorgung                          |          | Alimentación                      |          |

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