

# ATF 130G-5

130 TON MAX. LIFTING CAPACITY

EUROMOT 3B

# ALL TERRAIN CRANE

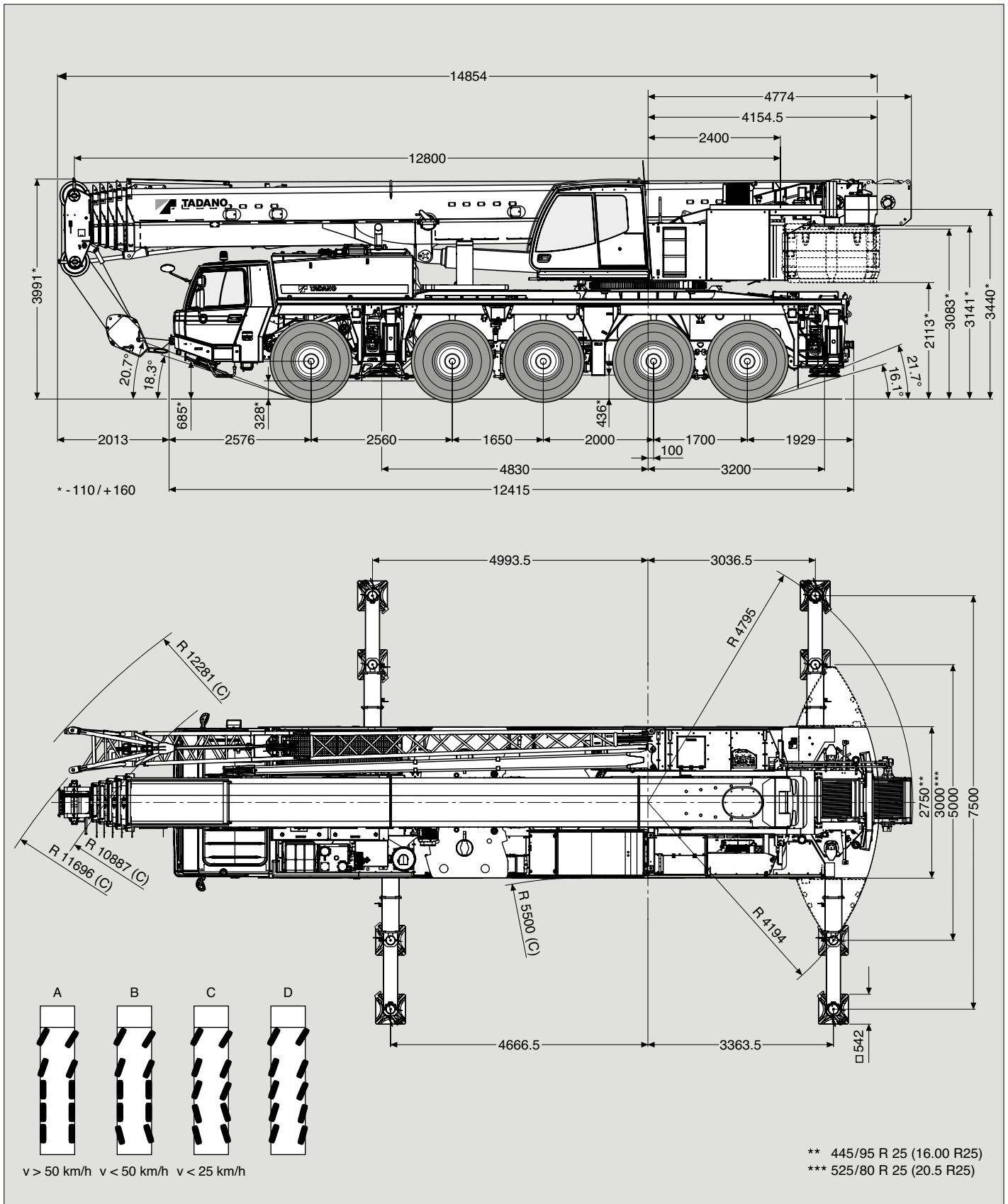


**2 ENGINES**

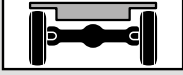
Maße (mm)  
Dimensions (mm)  
Dimensiones (mm)

 445/95 R 25  
(16.00 R 25)

DIN/ISO/EN



Gewichte / Geschwindigkeiten  
Weights / Working speeds  
Poids / Vitesses  
Pesos / Velocidades de trabajo

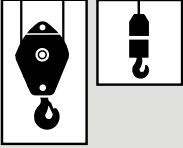
|  | Achse /Axle<br>Essieu / Eje | 1  | 2  | 3  | 4  | 5  | Gesamtgewicht / Total weight<br>Poids total / Peso total |
|----------------------------------------------------------------------------------|-----------------------------|----|----|----|----|----|----------------------------------------------------------|
|                                                                                  | (t)                         | 12 | 12 | 12 | 12 | 12 | 60*                                                      |

\* Incl. 6,3 t Gegengewicht, 3,8 m/ 10,2 m/ 18,0 m Auslegerverlängerung, 63 t Unterflasche, 10 t Hakengeschirr, Antrieb 10 x 8, Bereifung 445/95 R 25 (16.00 R 25).

\* Incl. 6.3 t counterweight, 3.8 m/ 10.2 m/ 18.0 m boom extension, 63 t hook block, 10 t swivel hook, drive 10 x 8, tyres 445/95 R 25 (16.00 R 25).

\* Incl. de 6,3 t contrepoids, 3,8 m/ 10,2 m/ 18,0 m fléchette, 63 t moufle, 10 t élingues, entraînement 10 x 8, pneus 445/95 R 25 (16.00 R 25).

\* Incl. contrapeso de 6,3 t, 3,8 m/ 10,2 m/ 18,0 m plumin, 63 t gancho, 10 t gancho de bola, tracción 10 x 8, neumáticos 445/95 R 25 (16.00 R 25).

|  | Traglast / Lifting capacity / Force<br>de levage / Capacidad de elevación | Rollen / Sheaves<br>Pulies / Poleas | Stränge / Parts of line<br>Brins / Ramales de cable | Gewicht / Weight<br>Poid / Peso |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------|---------------------------------|
|                                                                                  | 123.6 t (Typ / Type / Typo 125)*                                          | 7                                   | 15                                                  | 1200 kg                         |
|                                                                                  | 75.5 t (Typ / Type / Typo 80)*                                            | 5                                   | 9                                                   | 800 kg                          |
|                                                                                  | 59 t (Typ / Type / Typo 63)*                                              | 3                                   | 7                                                   | 600 kg                          |
|                                                                                  | 59 t (Typ / Type / Typo 63)                                               | 3                                   | 7                                                   | 600 kg                          |
|                                                                                  | 17.1 t (Typ / Type / Typo 25)                                             | 1                                   | 2                                                   | 375 kg                          |
|                                                                                  | 8.7 t (Typ / Type / Typo 10)                                              | –                                   | 1                                                   | 300 kg                          |

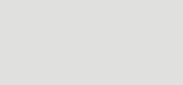
\* Doppelhaken

\* Rams horn

\* Moufle avec crochet marin

\* Gancho doble



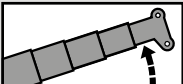
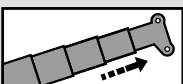
|  | 1 | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | R1 | R2 |  |
|------------------------------------------------------------------------------------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|---------------------------------------------------------------------------------------|
| <b>445/95 R 25</b><br>(16.00 R 25)                                                 | 3 | 3 | 4  | 6  | 7  | 9  | 12 | 15 | 20 | 25 | 32 | 41 | 3  | 4  | 69%*                                                                                  |
| <b>km/h</b>                                                                        | 6 | 8 | 10 | 13 | 16 | 21 | 27 | 35 | 45 | 58 | 74 | 85 | 6  | 8  | 52%                                                                                   |
| <b>385/95 R 25</b><br>(14.00 R 25)                                                 | 2 | 3 | 4  | 5  | 6  | 8  | 11 | 14 | 18 | 23 | 29 | 38 | 3  | 3  | 79%*                                                                                  |
| <b>km/h</b>                                                                        | 6 | 7 | 9  | 12 | 15 | 19 | 25 | 32 | 41 | 53 | 68 | 85 | 6  | 8  | 58%                                                                                   |

\* Mit Geländeübersetzung

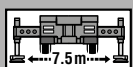
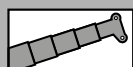
\* Avec mode tout terrain

\* Off road range

\* Con transmisión todo terreno

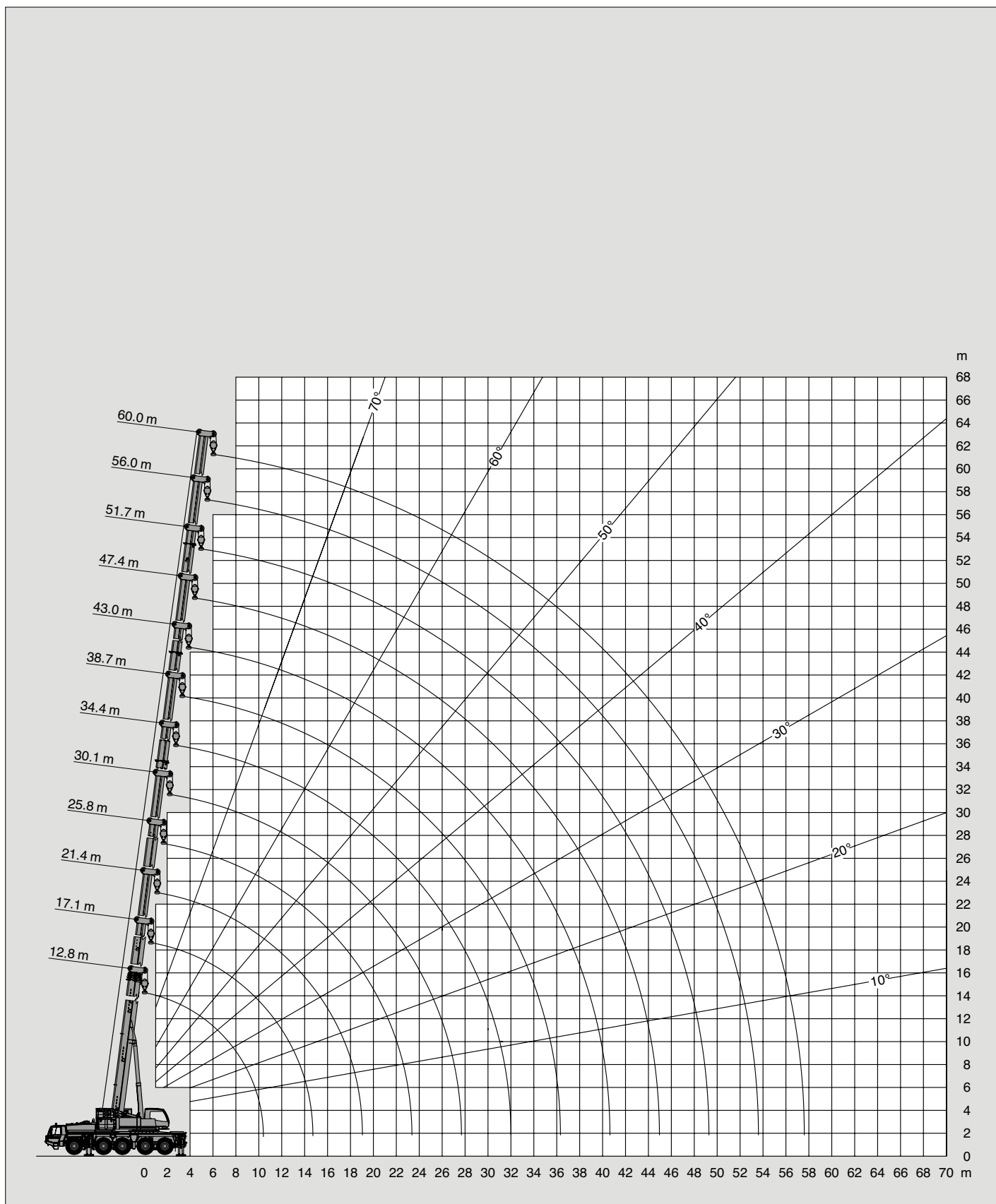
|  | Stufenlos<br>Infinitely variable<br>Progressivement variable<br>Infinitamente variable | Seil<br>Rope<br>Câble<br>Cable | Max. Seilzug<br>Max. single line pull<br>Effort maxi au brin simple<br>Trio máximo por ramal |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------|
|  | 0 - 130 m/min<br>für einfachen Strang<br>single line<br>au brin simple<br>ramal simple | 21 mm / 250 m                  | 85 kN                                                                                        |
|  | 0 - 130 m/min<br>für einfachen Strang<br>single line<br>au brin simple<br>ramal simple | 21 mm / 250 m                  | 85 kN                                                                                        |
|  | 0 - 1.6 min <sup>-1</sup>                                                              |                                |                                                                                              |
|  | -1.0° – + 82.7°<br>ca. 42 s<br>approx. 42 s<br>env. 42 s<br>aproximadamente 42 s       |                                |                                                                                              |
|  | 12.8 m – 60.0 m<br>ca. 380 s<br>approx. 380 s<br>env. 380 s<br>aproximadamente 380 s   |                                |                                                                                              |

Hubhöhen  
Lifting heights  
Hauteurs de levage  
Alturas de elevación



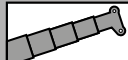
42.3t

DIN/ISO/EN





Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

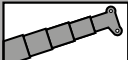
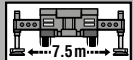
|                                                                                  |                                                                                   |                                                                                   |              |                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-------------------|
|  |  |  | <b>42.3t</b> | <b>DIN/ISO/EN</b> |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-------------------|

|  m | 12.8 m* | 12.8 m  | 17.1 m | 21.4 m | 25.8 m | 30.1 m | 34.4 m | 38.7 m | 43.0 m | 47.4 m | 51.7 m | 56.0 m | 60.0 m |
|------------------------------------------------------------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2.7                                                                                | 130.0** |         |        |        |        |        |        |        |        |        |        |        |        |
| 3.0                                                                                | 111.2** | 104.7** | 90.0   | 90.0   |        |        |        |        |        |        |        |        |        |
| 3.5                                                                                | 99.7    | 95.7    | 90.0   | 90.0   | 70.0   |        |        |        |        |        |        |        |        |
| 4.0                                                                                | 91.4    | 88.1    | 88.0   | 87.6   | 70.0   |        |        |        |        |        |        |        |        |
| 4.5                                                                                | 83.3    | 81.5    | 81.4   | 81.0   | 70.0   | 54.3   |        |        |        |        |        |        |        |
| 5.0                                                                                | 75.8    | 75.8    | 75.7   | 75.3   | 70.0   | 51.3   | 44.0   |        |        |        |        |        |        |
| 6.0                                                                                | 66.3    | 66.2    | 66.1   | 65.6   | 66.0   | 50.0   | 42.3   | 32.8   |        |        |        |        |        |
| 7.0                                                                                | 58.8    | 58.1    | 58.3   | 57.5   | 58.1   | 49.3   | 38.4   | 32.8   | 27.1   |        |        |        |        |
| 8.0                                                                                | 52.7    | 51.2    | 51.6   | 51.4   | 51.1   | 46.0   | 38.0   | 32.8   | 27.1   | 21.4   |        |        |        |
| 9.0                                                                                | 47.7    | 45.4    | 45.8   | 45.8   | 45.3   | 43.1   | 35.8   | 30.3   | 27.1   | 21.4   | 16.6   |        |        |
| 10.0                                                                               | 42.1    | 40.6    | 41.0   | 41.0   | 40.5   | 40.6   | 33.7   | 28.1   | 26.5   | 21.4   | 16.6   | 13.2   |        |
| 11.0                                                                               |         |         | 37.0   | 37.0   | 36.5   | 37.2   | 31.8   | 26.2   | 24.7   | 21.4   | 16.6   | 13.2   | 10.6   |
| 12.0                                                                               |         |         | 33.6   | 33.6   | 33.5   | 33.8   | 30.1   | 24.5   | 23.1   | 21.3   | 16.6   | 13.2   | 10.6   |
| 14.0                                                                               |         |         | 28.2   | 28.1   | 28.7   | 28.3   | 27.2   | 21.6   | 20.4   | 19.2   | 16.6   | 13.2   | 10.6   |
| 16.0                                                                               |         |         |        | 22.9   | 23.5   | 23.1   | 23.9   | 19.3   | 18.2   | 17.4   | 15.8   | 13.2   | 10.6   |
| 18.0                                                                               |         |         |        | 19.2   | 19.7   | 20.6   | 20.0   | 17.4   | 16.7   | 15.7   | 14.5   | 12.8   | 10.6   |
| 20.0                                                                               |         |         |        |        | 17.4   | 17.6   | 17.0   | 15.8   | 15.2   | 14.1   | 13.5   | 12.0   | 10.5   |
| 22.0                                                                               |         |         |        |        | 15.5   | 15.3   | 14.7   | 14.1   | 13.9   | 12.7   | 12.2   | 11.2   | 9.7    |
| 24.0                                                                               |         |         |        |        |        | 13.4   | 12.8   | 12.9   | 12.7   | 11.5   | 11.0   | 10.4   | 9.0    |
| 26.0                                                                               |         |         |        |        |        | 11.8   | 11.3   | 11.8   | 11.3   | 10.5   | 10.0   | 9.8    | 8.2    |
| 28.0                                                                               |         |         |        |        |        |        | 10.6   | 10.5   | 10.0   | 9.6    | 9.2    | 9.0    | 7.5    |
| 30.0                                                                               |         |         |        |        |        |        | 9.8    | 9.4    | 8.8    | 8.6    | 8.4    | 8.3    | 6.9    |
| 32.0                                                                               |         |         |        |        |        |        |        | 8.4    | 8.0    | 7.9    | 7.8    | 7.6    | 6.3    |
| 34.0                                                                               |         |         |        |        |        |        |        | 7.6    | 7.5    | 7.4    | 7.1    | 7.1    | 5.8    |
| 36.0                                                                               |         |         |        |        |        |        |        |        | 7.1    | 6.7    | 6.5    | 6.6    | 5.4    |
| 38.0                                                                               |         |         |        |        |        |        |        |        | 6.5    | 6.0    | 6.1    | 6.0    | 5.0    |
| 40.0                                                                               |         |         |        |        |        |        |        |        | 5.9    | 5.4    | 5.7    | 5.4    | 4.6    |
| 42.0                                                                               |         |         |        |        |        |        |        |        |        | 4.9    | 5.2    | 4.8    | 4.3    |
| 44.0                                                                               |         |         |        |        |        |        |        |        |        | 4.5    | 4.8    | 4.3    | 4.0    |
| 46.0                                                                               |         |         |        |        |        |        |        |        |        |        | 4.3    | 3.9    | 3.8    |
| 48.0                                                                               |         |         |        |        |        |        |        |        |        |        | 3.9    | 3.5    | 3.4    |
| 50.0                                                                               |         |         |        |        |        |        |        |        |        |        |        | 3.1    | 3.1    |
| 52.0                                                                               |         |         |        |        |        |        |        |        |        |        |        | 2.8    | 2.8    |
| 54.0                                                                               |         |         |        |        |        |        |        |        |        |        |        |        | 2.4    |
| 56.0                                                                               |         |         |        |        |        |        |        |        |        |        |        |        | 2.2    |

\* Nach hinten / \* Over rear / \* A l'arrière / \* Sobre la parte trasera

\*\* Mit Zusatzhubausrüstung / \*\* With additional lifting equipment / \*\* Avec équipement supplémentaire / \*\* Con equipo adicional

Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

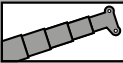
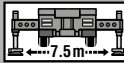
|                                                                                  |                                                                                   |                                                                                   |              |                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-------------------|
|  |  |  | <b>31.7t</b> | <b>DIN/ISO/EN</b> |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-------------------|

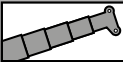
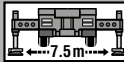
|  m | 12.8 m* | 12.8 m  | 17.1 m | 21.4 m | 25.8 m | 30.1 m | 34.4 m | 38.7 m | 43.0 m | 47.4 m | 51.7 m | 56.0 m | 60.0 m |
|------------------------------------------------------------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2.7                                                                                | 130.0** |         |        |        |        |        |        |        |        |        |        |        |        |
| 3.0                                                                                | 108.3** | 103.8** | 90.0   | 90.0   |        |        |        |        |        |        |        |        |        |
| 3.5                                                                                | 98.1    | 94.8    | 90.0   | 90.0   | 70.0   |        |        |        |        |        |        |        |        |
| 4.0                                                                                | 89.2    | 87.3    | 87.2   | 86.8   | 70.0   |        |        |        |        |        |        |        |        |
| 4.5                                                                                | 82.0    | 80.8    | 80.6   | 80.3   | 70.0   | 54.3   |        |        |        |        |        |        |        |
| 5.0                                                                                | 75.1    | 74.9    | 74.8   | 74.3   | 70.0   | 51.3   | 44.0   |        |        |        |        |        |        |
| 6.0                                                                                | 65.7    | 64.5    | 64.4   | 63.8   | 64.5   | 50.0   | 42.3   | 32.8   |        |        |        |        |        |
| 7.0                                                                                | 58.3    | 55.7    | 56.0   | 55.8   | 55.6   | 49.3   | 38.4   | 32.8   | 27.1   |        |        |        |        |
| 8.0                                                                                | 52.2    | 48.7    | 49.0   | 49.1   | 48.6   | 46.0   | 38.0   | 32.8   | 27.1   | 21.4   |        |        |        |
| 9.0                                                                                | 46.9    | 43.1    | 43.4   | 43.5   | 42.9   | 43.1   | 35.8   | 30.3   | 27.1   | 21.4   | 16.6   |        |        |
| 10.0                                                                               | 39.4    | 38.5    | 38.7   | 38.8   | 38.3   | 39.0   | 33.7   | 28.1   | 26.5   | 21.4   | 16.6   | 13.2   |        |
| 11.0                                                                               |         |         | 34.1   | 34.1   | 34.8   | 34.4   | 31.8   | 26.2   | 24.7   | 21.4   | 16.6   | 13.2   | 10.6   |
| 12.0                                                                               |         |         | 29.6   | 29.7   | 30.4   | 29.9   | 30.1   | 24.5   | 23.1   | 21.3   | 16.6   | 13.2   | 10.6   |
| 14.0                                                                               |         |         | 23.3   | 23.2   | 23.8   | 24.9   | 24.3   | 21.6   | 20.4   | 19.2   | 16.6   | 13.2   | 10.6   |
| 16.0                                                                               |         |         |        | 19.9   | 20.5   | 20.3   | 19.7   | 19.1   | 18.2   | 17.4   | 15.8   | 13.2   | 10.6   |
| 18.0                                                                               |         |         |        | 17.1   | 17.2   | 17.0   | 16.4   | 15.9   | 16.4   | 15.7   | 14.5   | 12.8   | 10.6   |
| 20.0                                                                               |         |         |        |        | 14.7   | 14.4   | 13.9   | 14.5   | 13.9   | 13.6   | 13.5   | 12.0   | 10.5   |
| 22.0                                                                               |         |         |        |        | 12.7   | 12.4   | 12.6   | 12.4   | 11.9   | 11.8   | 11.9   | 11.2   | 9.7    |
| 24.0                                                                               |         |         |        |        |        | 10.8   | 11.2   | 10.8   | 10.6   | 10.6   | 10.3   | 10.4   | 9.0    |
| 26.0                                                                               |         |         |        |        |        | 9.5    | 9.8    | 9.5    | 9.7    | 9.3    | 9.4    | 9.3    | 8.2    |
| 28.0                                                                               |         |         |        |        |        |        | 8.8    | 8.3    | 8.6    | 8.2    | 8.6    | 8.1    | 7.5    |
| 30.0                                                                               |         |         |        |        |        |        | 7.8    | 7.4    | 7.6    | 7.3    | 7.6    | 7.1    | 6.9    |
| 32.0                                                                               |         |         |        |        |        |        |        | 6.5    | 6.8    | 6.7    | 6.7    | 6.2    | 6.2    |
| 34.0                                                                               |         |         |        |        |        |        |        | 5.8    | 6.2    | 6.2    | 5.9    | 5.5    | 5.5    |
| 36.0                                                                               |         |         |        |        |        |        |        |        | 5.8    | 5.5    | 5.2    | 4.8    | 4.8    |
| 38.0                                                                               |         |         |        |        |        |        |        |        | 5.3    | 4.9    | 4.6    | 4.2    | 4.2    |
| 40.0                                                                               |         |         |        |        |        |        |        |        | 4.8    | 4.4    | 4.1    | 3.7    | 3.7    |
| 42.0                                                                               |         |         |        |        |        |        |        |        |        | 4.0    | 3.7    | 3.2    | 3.2    |
| 44.0                                                                               |         |         |        |        |        |        |        |        |        | 3.6    | 3.2    | 2.8    | 2.8    |
| 46.0                                                                               |         |         |        |        |        |        |        |        |        |        | 2.9    | 2.4    | 2.4    |
| 48.0                                                                               |         |         |        |        |        |        |        |        |        |        | 2.6    | 2.1    | 2.1    |
| 50.0                                                                               |         |         |        |        |        |        |        |        |        |        |        | 1.8    | 1.8    |
| 52.0                                                                               |         |         |        |        |        |        |        |        |        |        |        | 1.4    | 1.5    |
| 54.0                                                                               |         |         |        |        |        |        |        |        |        |        |        |        | 1.2    |
| 56.0                                                                               |         |         |        |        |        |        |        |        |        |        |        |        | 1.0    |

\* Nach hinten / \* Over rear / \* A l'arrière / \* Sobre la parte trasera

\*\* Mit Zusatzhubausrüstung / \*\* With additional lifting equipment / \*\* Avec équipement supplémentaire / \*\* Con equipo adicional

Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

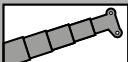
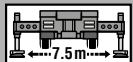
|    <b>21.7t</b> |         |         |        |        |        |        |        |        |        |        |        |        | DIN/ISO/EN |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|
|  m                                                                                                                                                                                | 12.8 m* | 12.8 m  | 17.1 m | 21.4 m | 25.8 m | 30.1 m | 34.4 m | 38.7 m | 43.0 m | 47.4 m | 51.7 m | 56.0 m | 60.0 m     |
| 2.7                                                                                                                                                                                                                                                               | 120.0** |         |        |        |        |        |        |        |        |        |        |        |            |
| 3.0                                                                                                                                                                                                                                                               | 107.0** | 102.9** | 90.0   | 90.0   |        |        |        |        |        |        |        |        |            |
| 3.5                                                                                                                                                                                                                                                               | 97.0    | 94.0    | 90.0   | 90.0   | 70.0   |        |        |        |        |        |        |        |            |
| 4.0                                                                                                                                                                                                                                                               | 88.5    | 86.5    | 86.4   | 86.0   | 70.0   |        |        |        |        |        |        |        |            |
| 4.5                                                                                                                                                                                                                                                               | 80.4    | 79.4    | 79.3   | 78.8   | 70.0   | 54.3   |        |        |        |        |        |        |            |
| 5.0                                                                                                                                                                                                                                                               | 74.4    | 72.9    | 72.8   | 72.2   | 70.0   | 51.3   | 44.0   |        |        |        |        |        |            |
| 6.0                                                                                                                                                                                                                                                               | 65.1    | 61.6    | 62.0   | 61.2   | 61.5   | 50.0   | 42.3   | 32.8   |        |        |        |        |            |
| 7.0                                                                                                                                                                                                                                                               | 57.7    | 52.9    | 53.3   | 53.4   | 52.8   | 49.3   | 38.4   | 32.8   | 27.1   |        |        |        |            |
| 8.0                                                                                                                                                                                                                                                               | 47.5    | 46.1    | 46.4   | 46.5   | 45.7   | 44.4   | 38.0   | 32.8   | 27.1   | 21.4   |        |        |            |
| 9.0                                                                                                                                                                                                                                                               | 38.6    | 38.6    | 39.0   | 39.1   | 39.9   | 38.2   | 35.8   | 30.3   | 27.1   | 21.4   | 16.6   |        |            |
| 10.0                                                                                                                                                                                                                                                              | 32.2    | 32.2    | 32.6   | 32.7   | 33.4   | 32.9   | 32.9   | 28.1   | 26.5   | 21.4   | 16.6   | 13.2   |            |
| 11.0                                                                                                                                                                                                                                                              |         |         | 27.8   | 27.8   | 28.6   | 29.8   | 29.1   | 26.2   | 24.7   | 21.4   | 16.6   | 13.2   | 10.6       |
| 12.0                                                                                                                                                                                                                                                              |         |         | 24.2   | 24.5   | 25.9   | 25.9   | 25.2   | 24.3   | 23.1   | 21.3   | 16.6   | 13.2   | 10.6       |
| 14.0                                                                                                                                                                                                                                                              |         |         | 19.7   | 20.4   | 20.5   | 20.3   | 19.7   | 19.1   | 19.6   | 18.7   | 16.6   | 13.2   | 10.6       |
| 16.0                                                                                                                                                                                                                                                              |         |         |        | 16.6   | 16.7   | 16.4   | 16.0   | 16.5   | 15.9   | 15.5   | 15.5   | 13.2   | 10.6       |
| 18.0                                                                                                                                                                                                                                                              |         |         |        | 13.8   | 13.8   | 13.6   | 14.0   | 13.7   | 13.2   | 13.5   | 13.1   | 12.8   | 10.6       |
| 20.0                                                                                                                                                                                                                                                              |         |         |        |        | 11.7   | 11.5   | 11.8   | 11.5   | 11.8   | 11.3   | 11.6   | 11.3   | 10.5       |
| 22.0                                                                                                                                                                                                                                                              |         |         |        |        | 10.4   | 9.7    | 10.1   | 9.7    | 10.0   | 10.3   | 10.0   | 9.5    | 9.5        |
| 24.0                                                                                                                                                                                                                                                              |         |         |        |        |        | 8.2    | 8.6    | 8.2    | 8.9    | 8.8    | 8.5    | 8.0    | 8.0        |
| 26.0                                                                                                                                                                                                                                                              |         |         |        |        |        | 7.1    | 7.9    | 7.3    | 7.9    | 7.6    | 7.3    | 6.8    | 6.8        |
| 28.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        | 7.1    | 6.8    | 6.9    | 6.6    | 6.3    | 5.8    | 5.8        |
| 30.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        | 6.3    | 6.1    | 6.0    | 5.7    | 5.4    | 5.0    | 5.0        |
| 32.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        |        | 5.4    | 5.3    | 5.0    | 4.7    | 4.2    | 4.2        |
| 34.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        |        | 4.7    | 4.7    | 4.3    | 4.0    | 3.6    | 3.6        |
| 36.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        |        |        | 4.1    | 3.8    | 3.5    | 3.0    | 3.0        |
| 38.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        |        |        | 3.6    | 3.3    | 3.0    | 2.6    | 2.6        |
| 40.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        |        |        | 3.2    | 2.9    | 2.6    | 2.1    | 2.1        |
| 42.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        |        |        |        | 2.5    | 2.2    | 1.7    | 1.7        |
| 44.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        |        |        |        | 2.2    | 1.8    | 1.4    | 1.4        |
| 46.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        |        |        |        |        | 1.6    | 1.1    | 1.1        |
| 48.0                                                                                                                                                                                                                                                              |         |         |        |        |        |        |        |        |        |        | 1.3    |        |            |

|    <b>12.8t</b> |         |         |        |        |        |        |        |        |        |        |        |        | DIN/ISO/EN |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|
|  m                                                                                                                                                                                    | 12.8 m* | 12.8 m  | 17.1 m | 21.4 m | 25.8 m | 30.1 m | 34.4 m | 38.7 m | 43.0 m | 47.4 m | 51.7 m | 56.0 m | 60.0 m     |
| 2.7                                                                                                                                                                                                                                                                     | 120.0** |         |        |        |        |        |        |        |        |        |        |        |            |
| 3.0                                                                                                                                                                                                                                                                     | 106.9** | 102.1** | 90.0   | 90.0   |        |        |        |        |        |        |        |        |            |
| 3.5                                                                                                                                                                                                                                                                     | 96.4    | 93.1    | 90.0   | 90.0   | 70.0   |        |        |        |        |        |        |        |            |
| 4.0                                                                                                                                                                                                                                                                     | 87.1    | 84.8    | 84.7   | 84.2   | 70.0   |        |        |        |        |        |        |        |            |
| 4.5                                                                                                                                                                                                                                                                     | 79.4    | 76.8    | 76.6   | 76.1   | 70.0   | 54.3   |        |        |        |        |        |        |            |
| 5.0                                                                                                                                                                                                                                                                     | 73.8    | 69.8    | 70.2   | 69.2   | 69.8   | 51.3   | 44.0   |        |        |        |        |        |            |
| 6.0                                                                                                                                                                                                                                                                     | 64.6    | 58.7    | 59.1   | 59.2   | 55.7   | 50.0   | 42.3   | 32.8   |        |        |        |        |            |
| 7.0                                                                                                                                                                                                                                                                     | 49.8    | 49.8    | 50.4   | 49.0   | 46.6   | 43.4   | 38.4   | 32.8   | 27.1   |        |        |        |            |
| 8.0                                                                                                                                                                                                                                                                     | 38.6    | 38.6    | 39.1   | 39.2   | 39.1   | 36.7   | 35.5   | 32.7   | 27.1   | 21.4   |        |        |            |
| 9.0                                                                                                                                                                                                                                                                     | 31.1    | 31.1    | 31.6   | 31.7   | 32.5   | 32.6   | 30.2   | 27.9   | 26.7   | 21.4   | 16.6   |        |            |
| 10.0                                                                                                                                                                                                                                                                    | 25.9    | 25.9    | 26.9   | 27.8   | 28.6   | 28.2   | 26.2   | 24.2   | 23.2   | 21.4   | 16.6   | 13.2   |            |
| 11.0                                                                                                                                                                                                                                                                    |         |         | 23.5   | 24.3   | 24.4   | 24.2   | 22.9   | 21.9   | 21.2   | 19.9   | 16.6   | 13.2   | 10.6       |
| 12.0                                                                                                                                                                                                                                                                    |         |         | 20.3   | 21.0   | 21.2   | 20.9   | 20.3   | 20.3   | 18.8   | 18.5   | 16.6   | 13.2   | 10.6       |
| 14.0                                                                                                                                                                                                                                                                    |         |         | 15.6   | 16.4   | 16.5   | 16.2   | 16.7   | 16.3   | 15.7   | 15.1   | 14.3   | 13.2   | 10.6       |
| 16.0                                                                                                                                                                                                                                                                    |         |         |        | 13.0   | 13.3   | 12.9   | 13.3   | 12.9   | 13.3   | 13.3   | 12.6   | 11.7   | 10.6       |
| 18.0                                                                                                                                                                                                                                                                    |         |         |        | 10.5   | 11.3   | 10.3   | 11.2   | 10.6   | 11.4   | 11.0   | 10.6   | 9.8    | 9.6        |
| 20.0                                                                                                                                                                                                                                                                    |         |         |        |        | 9.3    | 8.7    | 9.6    | 9.5    | 9.4    | 9.1    | 8.8    | 8.3    | 8.1        |
| 22.0                                                                                                                                                                                                                                                                    |         |         |        |        | 7.8    | 7.9    | 8.1    | 7.9    | 7.9    | 7.6    | 7.2    | 6.8    | 6.8        |
| 24.0                                                                                                                                                                                                                                                                    |         |         |        |        |        | 6.7    | 6.9    | 6.7    | 6.7    | 6.3    | 6.0    | 5.6    | 5.6        |
| 26.0                                                                                                                                                                                                                                                                    |         |         |        |        |        | 5.7    | 5.9    | 5.7    | 5.7    | 5.3    | 5.0    | 4.6    | 4.6        |
| 28.0                                                                                                                                                                                                                                                                    |         |         |        |        |        |        | 5.0    | 4.9    | 4.8    | 4.5    | 4.2    | 3.8    | 3.8        |
| 30.0                                                                                                                                                                                                                                                                    |         |         |        |        |        |        | 4.4    | 4.2    | 4.1    | 3.8    | 3.5    | 3.0    | 3.0        |
| 32.0                                                                                                                                                                                                                                                                    |         |         |        |        |        |        |        | 3.6    | 3.5    | 3.2    | 2.9    | 2.4    | 2.4        |
| 34.0                                                                                                                                                                                                                                                                    |         |         |        |        |        |        |        | 3.1    | 3.0    | 2.7    | 2.4    | 1.9    | 1.9        |
| 36.0                                                                                                                                                                                                                                                                    |         |         |        |        |        |        |        |        | 2.6    | 2.2    | 1.9    | 1.5    | 1.5        |
| 38.0                                                                                                                                                                                                                                                                    |         |         |        |        |        |        |        |        | 2.2    | 1.8    | 1.5    | 1.1    | 1.1        |
| 40.0                                                                                                                                                                                                                                                                    |         |         |        |        |        |        |        |        | 1.8    | 1.5    | 1.2    |        |            |
| 42.0                                                                                                                                                                                                                                                                    |         |         |        |        |        |        |        |        |        | 1.2    | 0.9    |        |            |
| 44.0                                                                                                                                                                                                                                                                    |         |         |        |        |        |        |        |        |        | 0.9    |        |        |            |

\* Nach hinten / \* Over rear / \* A l'arrière / \* Sobre la parte trasera

\*\* Mit Zusatzhubausrüstung / \*\* With additional lifting equipment / \*\* Avec équipement supplémentaire / \*\* Con equipo adicional

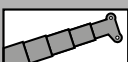
Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

|                                                                                  |                                                                                   |                                                                                   |             |                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-------------------|
|  |  |  | <b>9.4t</b> | <b>DIN/ISO/EN</b> |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-------------------|

|  m | 12.8 m* | 12.8 m  | 17.1 m | 21.4 m | 25.8 m | 30.1 m | 34.4 m | 38.7 m | 43.0 m | 47.4 m | 51.7 m | 56.0 m | 60.0 m |
|------------------------------------------------------------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2.7                                                                                | 120.0** |         |        |        |        |        |        |        |        |        |        |        |        |
| 3.0                                                                                | 106.9** | 101.8** | 90.0   | 90.0   |        |        |        |        |        |        |        |        |        |
| 3.5                                                                                | 96.4    | 92.4    | 90.0   | 90.0   | 70.0   |        |        |        |        |        |        |        |        |
| 4.0                                                                                | 87.0    | 83.6    | 83.5   | 82.9   | 70.0   |        |        |        |        |        |        |        |        |
| 4.5                                                                                | 79.2    | 75.5    | 75.4   | 74.8   | 70.0   | 54.3   |        |        |        |        |        |        |        |
| 5.0                                                                                | 73.6    | 68.6    | 69.0   | 67.9   | 66.4   | 51.3   | 44.0   |        |        |        |        |        |        |
| 6.0                                                                                | 62.7    | 57.5    | 57.9   | 56.4   | 51.2   | 48.8   | 42.3   | 32.8   |        |        |        |        |        |
| 7.0                                                                                | 45.5    | 45.5    | 46.1   | 45.0   | 43.1   | 39.6   | 38.0   | 32.8   | 27.1   |        |        |        |        |
| 8.0                                                                                | 35.2    | 35.2    | 35.7   | 35.8   | 35.4   | 34.8   | 32.0   | 29.4   | 27.1   | 21.4   |        |        |        |
| 9.0                                                                                | 28.3    | 28.3    | 28.7   | 29.9   | 31.3   | 29.5   | 27.2   | 25.0   | 23.9   | 21.4   | 16.6   |        |        |
| 10.0                                                                               | 23.4    | 23.4    | 25.1   | 26.0   | 26.1   | 25.4   | 23.5   | 23.2   | 21.5   | 20.1   | 16.6   | 13.2   |        |
| 11.0                                                                               |         |         | 21.3   | 22.1   | 22.3   | 22.0   | 20.6   | 20.5   | 18.9   | 18.6   | 16.6   | 13.2   | 10.6   |
| 12.0                                                                               |         |         | 18.4   | 19.2   | 19.3   | 19.0   | 19.5   | 18.1   | 17.1   | 16.6   | 15.5   | 13.2   | 10.6   |
| 14.0                                                                               |         |         | 13.8   | 14.6   | 14.8   | 14.5   | 15.0   | 14.6   | 14.4   | 14.3   | 13.5   | 12.5   | 10.6   |
| 16.0                                                                               |         |         |        | 11.5   | 12.3   | 11.3   | 12.5   | 11.8   | 12.4   | 11.8   | 11.1   | 10.3   | 10.0   |
| 18.0                                                                               |         |         |        | 9.2    | 9.9    | 9.7    | 10.2   | 10.1   | 10.0   | 9.7    | 9.3    | 8.5    | 8.3    |
| 20.0                                                                               |         |         |        |        | 8.2    | 8.2    | 8.4    | 8.3    | 8.2    | 7.9    | 7.6    | 7.1    | 7.0    |
| 22.0                                                                               |         |         |        |        | 6.8    | 6.9    | 7.0    | 6.9    | 6.8    | 6.5    | 6.2    | 5.7    | 5.7    |
| 24.0                                                                               |         |         |        |        |        | 5.8    | 5.9    | 5.8    | 5.7    | 5.4    | 5.1    | 4.6    | 4.6    |
| 26.0                                                                               |         |         |        |        |        | 4.9    | 5.0    | 4.8    | 4.8    | 4.5    | 4.2    | 3.7    | 3.7    |
| 28.0                                                                               |         |         |        |        |        |        | 4.2    | 4.1    | 4.0    | 3.7    | 3.4    | 3.0    | 3.0    |
| 30.0                                                                               |         |         |        |        |        |        | 3.6    | 3.4    | 3.4    | 3.1    | 2.8    | 2.3    | 2.3    |
| 32.0                                                                               |         |         |        |        |        |        |        | 2.9    | 2.8    | 2.5    | 2.2    | 1.8    | 1.8    |
| 34.0                                                                               |         |         |        |        |        |        |        | 2.4    | 2.4    | 2.0    | 1.8    | 1.3    | 1.3    |
| 36.0                                                                               |         |         |        |        |        |        |        |        | 2.0    | 1.6    | 1.3    | 0.9    | 0.9    |
| 38.0                                                                               |         |         |        |        |        |        |        |        | 1.6    | 1.3    | 1.0    |        |        |
| 40.0                                                                               |         |         |        |        |        |        |        |        | 1.3    | 0.9    |        |        |        |

\* Nach hinten / \* Over rear / \* A l'arrière / \* Sobre la parte trasera

\*\* Mit Zusatzhubausrüstung / \*\* With additional lifting equipment / \*\* Avec équipement supplémentaire / \*\* Con equipo adicional

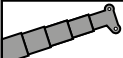
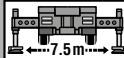
|                                                                                    |                                                                                     |                                                                                     |             |                   |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|-------------------|
|  |  |  | <b>6.3t</b> | <b>DIN/ISO/EN</b> |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|-------------------|

|  m | 12.8 m* | 12.8 m  | 17.1 m | 21.4 m | 25.8 m | 30.1 m | 34.4 m | 38.7 m | 43.0 m | 47.4 m | 51.7 m | 56.0 m | 60.0 m |
|--------------------------------------------------------------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2.7                                                                                  | 120.0** |         |        |        |        |        |        |        |        |        |        |        |        |
| 3.0                                                                                  | 106.9** | 101.6** | 90.0   | 90.0   |        |        |        |        |        |        |        |        |        |
| 3.5                                                                                  | 96.1    | 91.8    | 90.0   | 90.0   | 70.0   |        |        |        |        |        |        |        |        |
| 4.0                                                                                  | 86.7    | 82.4    | 82.2   | 81.7   | 70.0   |        |        |        |        |        |        |        |        |
| 4.5                                                                                  | 79.0    | 74.3    | 74.5   | 73.6   | 70.0   | 54.3   |        |        |        |        |        |        |        |
| 5.0                                                                                  | 73.4    | 67.4    | 67.8   | 67.6   | 61.2   | 51.3   | 44.0   |        |        |        |        |        |        |
| 6.0                                                                                  | 57.5    | 56.4    | 56.5   | 51.9   | 49.1   | 44.9   | 40.7   | 32.8   |        |        |        |        |        |
| 7.0                                                                                  | 41.6    | 41.6    | 42.2   | 40.9   | 39.1   | 38.1   | 34.8   | 31.7   | 27.1   |        |        |        |        |
| 8.0                                                                                  | 32.0    | 32.0    | 32.6   | 32.7   | 33.8   | 31.5   | 28.8   | 26.4   | 25.1   | 21.4   |        |        |        |
| 9.0                                                                                  | 25.7    | 25.7    | 27.6   | 28.5   | 28.4   | 26.6   | 24.4   | 24.1   | 22.2   | 20.7   | 16.6   |        |        |
| 10.0                                                                                 | 21.2    | 21.2    | 22.9   | 23.8   | 23.9   | 22.8   | 21.9   | 20.9   | 19.2   | 18.6   | 16.6   | 13.2   |        |
| 11.0                                                                                 |         |         | 19.4   | 20.2   | 20.3   | 19.9   | 19.8   | 18.3   | 17.9   | 16.7   | 15.5   | 13.2   | 10.6   |
| 12.0                                                                                 |         |         | 16.4   | 17.3   | 17.5   | 17.2   | 17.5   | 16.2   | 16.0   | 15.7   | 14.3   | 13.2   | 10.6   |
| 14.0                                                                                 |         |         | 12.1   | 13.0   | 13.9   | 12.8   | 14.0   | 13.2   | 13.5   | 12.7   | 11.9   | 11.0   | 10.6   |
| 16.0                                                                                 |         |         |        | 10.1   | 10.8   | 10.9   | 11.2   | 11.0   | 11.0   | 10.4   | 9.8    | 8.9    | 8.7    |
| 18.0                                                                                 |         |         |        | 8.0    | 8.7    | 8.8    | 9.0    | 8.8    | 8.8    | 8.4    | 8.1    | 7.4    | 7.2    |
| 20.0                                                                                 |         |         |        |        | 7.1    | 7.2    | 7.3    | 7.2    | 7.2    | 6.8    | 6.5    | 6.0    | 5.9    |
| 22.0                                                                                 |         |         |        |        | 5.8    | 5.9    | 6.1    | 5.9    | 5.9    | 5.5    | 5.2    | 4.8    | 4.8    |
| 24.0                                                                                 |         |         |        |        |        | 4.9    | 5.0    | 4.9    | 4.9    | 4.5    | 4.2    | 3.7    | 3.8    |
| 26.0                                                                                 |         |         |        |        |        | 4.1    | 4.2    | 4.1    | 4.0    | 3.7    | 3.4    | 2.9    | 2.9    |
| 28.0                                                                                 |         |         |        |        |        |        | 3.5    | 3.4    | 3.3    | 3.0    | 2.7    | 2.2    | 2.2    |
| 30.0                                                                                 |         |         |        |        |        |        | 3.0    | 2.8    | 2.7    | 2.4    | 2.1    | 1.6    | 1.6    |
| 32.0                                                                                 |         |         |        |        |        |        |        | 2.3    | 2.2    | 1.9    | 1.6    | 1.2    | 1.2    |
| 34.0                                                                                 |         |         |        |        |        |        |        | 1.9    | 1.8    | 1.5    | 1.2    |        |        |
| 36.0                                                                                 |         |         |        |        |        |        |        |        | 1.4    | 1.1    |        |        |        |
| 38.0                                                                                 |         |         |        |        |        |        |        |        | 1.1    |        |        |        |        |

\* Nach hinten / \* Over rear / \* A l'arrière / \* Sobre la parte trasera

\*\* Mit Zusatzhubausrüstung / \*\* With additional lifting equipment / \*\* Avec équipement supplémentaire / \*\* Con equipo adicional

Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

|                                                                                  |                                                                                   |                                                                                   |             |                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-------------------|
|  |  |  | <b>3.9t</b> | <b>DIN/ISO/EN</b> |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-------------------|

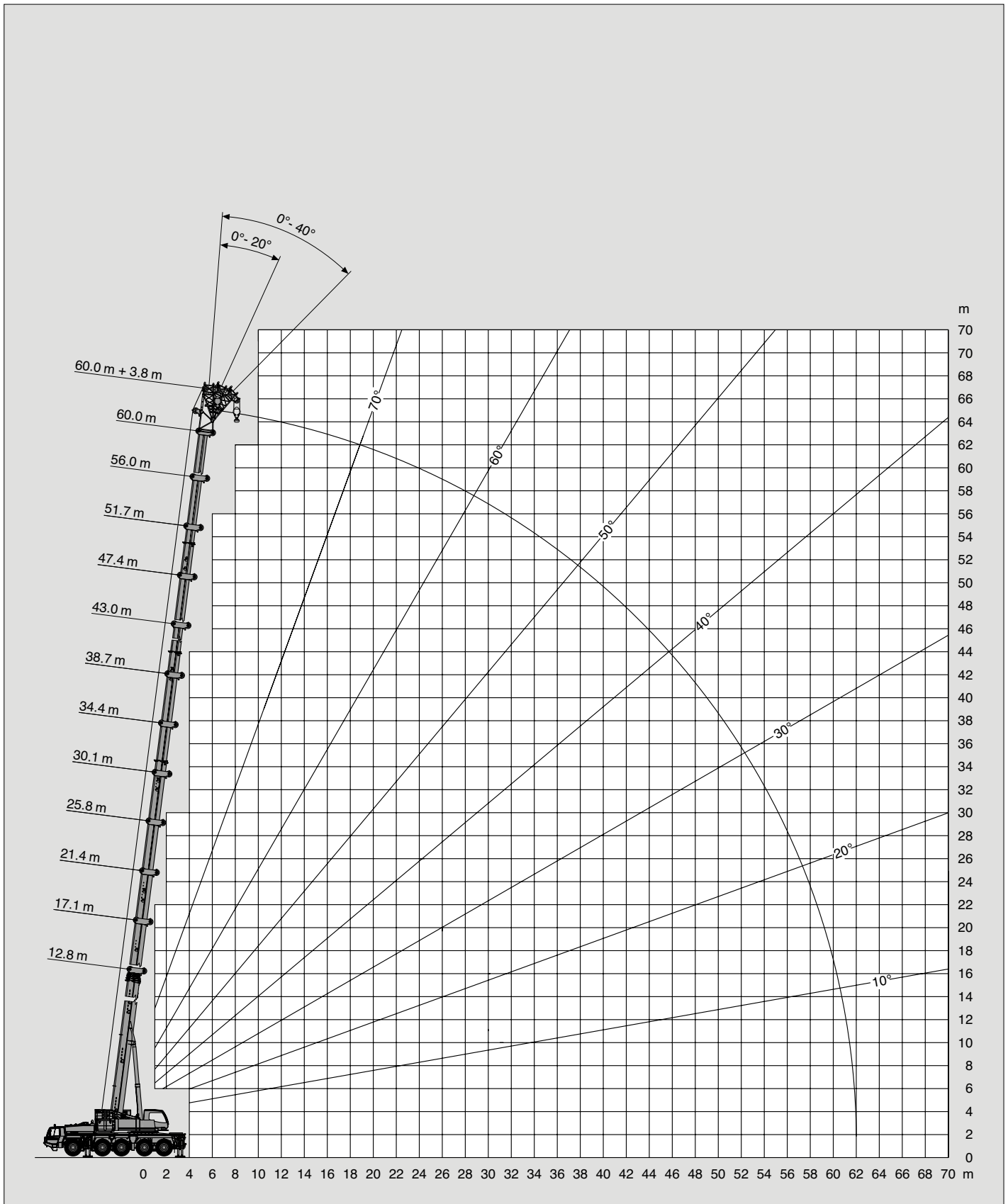
|  m | 12.8 m* | 12.8 m | 17.1 m | 21.4 m | 25.8 m | 30.1 m | 34.4 m | 38.7 m | 43.0 m | 47.4 m | 51.7 m | 56.0 m | 60.0 m |
|------------------------------------------------------------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2.7                                                                                | 117.5** |        |        |        |        |        |        |        |        |        |        |        |        |
| 3.0                                                                                | 105.5** | 101.0  | 90.0   | 90.0   |        |        |        |        |        |        |        |        |        |
| 3.5                                                                                | 94.5    | 90.8   | 90.0   | 90.0   | 70.0   |        |        |        |        |        |        |        |        |
| 4.0                                                                                | 84.9    | 81.2   | 81.1   | 80.6   | 70.0   |        |        |        |        |        |        |        |        |
| 4.5                                                                                | 77.1    | 73.2   | 73.6   | 72.5   | 66.2   | 54.3   |        |        |        |        |        |        |        |
| 5.0                                                                                | 69.7    | 66.3   | 66.8   | 63.6   | 56.6   | 50.8   | 44.0   |        |        |        |        |        |        |
| 6.0                                                                                | 53.0    | 53.0   | 52.4   | 48.0   | 45.3   | 42.4   | 38.0   | 32.8   |        |        |        |        |        |
| 7.0                                                                                | 38.2    | 38.2   | 38.9   | 37.1   | 37.3   | 34.7   | 31.6   | 28.7   | 27.0   |        |        |        |        |
| 8.0                                                                                | 29.3    | 29.3   | 30.5   | 32.3   | 30.7   | 28.6   | 26.1   | 25.6   | 23.1   | 21.4   |        |        |        |
| 9.0                                                                                | 23.4    | 23.4   | 25.4   | 26.3   | 25.8   | 24.1   | 23.3   | 21.8   | 20.0   | 18.6   | 16.6   |        |        |
| 10.0                                                                               | 19.2    | 19.1   | 21.0   | 21.8   | 22.0   | 20.6   | 20.4   | 18.9   | 18.5   | 17.0   | 15.8   | 13.2   |        |
| 11.0                                                                               |         |        | 17.4   | 18.4   | 18.5   | 17.9   | 17.8   | 16.5   | 16.9   | 15.7   | 14.3   | 13.2   | 10.6   |
| 12.0                                                                               |         |        | 14.6   | 15.5   | 16.5   | 15.4   | 15.7   | 14.9   | 15.1   | 14.1   | 13.2   | 12.2   | 10.6   |
| 14.0                                                                               |         |        | 10.6   | 11.6   | 12.4   | 12.3   | 12.7   | 12.6   | 12.1   | 11.3   | 10.6   | 9.7    | 9.4    |
| 16.0                                                                               |         |        |        | 8.8    | 9.6    | 9.7    | 9.9    | 9.8    | 9.8    | 9.2    | 8.6    | 7.8    | 7.6    |
| 18.0                                                                               |         |        |        | 6.9    | 7.6    | 7.7    | 7.9    | 7.8    | 7.8    | 7.4    | 7.1    | 6.3    | 6.2    |
| 20.0                                                                               |         |        |        |        | 6.1    | 6.2    | 6.4    | 6.3    | 6.2    | 5.9    | 5.6    | 5.1    | 5.0    |
| 22.0                                                                               |         |        |        |        | 5.0    | 5.1    | 5.2    | 5.1    | 5.0    | 4.7    | 4.4    | 3.9    | 3.9    |
| 24.0                                                                               |         |        |        |        |        | 4.1    | 4.3    | 4.2    | 4.1    | 3.8    | 3.5    | 3.0    | 3.0    |
| 26.0                                                                               |         |        |        |        |        | 3.4    | 3.5    | 3.4    | 3.3    | 3.0    | 2.7    | 2.2    | 2.2    |
| 28.0                                                                               |         |        |        |        |        |        | 2.9    | 2.7    | 2.7    | 2.4    | 2.1    | 1.6    | 1.6    |
| 30.0                                                                               |         |        |        |        |        |        | 2.4    | 2.2    | 2.2    | 1.8    | 1.5    | 1.1    | 1.1    |
| 32.0                                                                               |         |        |        |        |        |        |        | 1.8    | 1.7    | 1.4    | 1.1    |        |        |
| 34.0                                                                               |         |        |        |        |        |        |        | 1.4    | 1.3    | 1.0    |        |        |        |

\* Nach hinten / \* Over rear / \* A l'arrière / \* Sobre la parte trasera

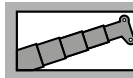
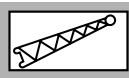
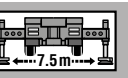
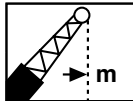
\*\* Mit Zusatzhubausrüstung / \*\* With additional lifting equipment / \*\* Avec équipement supplémentaire / \*\* Con equipo adicional

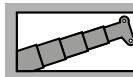
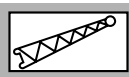
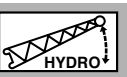
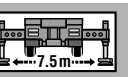
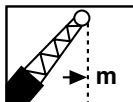


Hubhöhen  
Lifting heights  
Hauteurs de levage  
Alturas de elevación



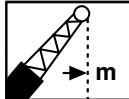
Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

|      <b>42.3t</b> <div>DIN/ISO/EN</div> |                |      |      |                |      |      |                |     |     |                |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|------|----------------|------|------|----------------|-----|-----|----------------|-----|-----|
|                                                                                                                                                                                                                                                                                                                                                                             | 12.8 m + 3.8 m |      |      | 43.0 m + 3.8 m |      |      | 56.0 m + 3.8 m |     |     | 60.0 m + 3.8 m |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0°             | 20°  | 40°  | 0°             | 20°  | 40°  | 0°             | 20° | 40° | 0°             | 20° | 40° |
| 3.0                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40.0           | 32.7 |      |                |      |      |                |     |     |                |     |     |
| 3.5                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40.0           | 31.3 | 25.2 |                |      |      |                |     |     |                |     |     |
| 4.0                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40.0           | 30.0 | 24.5 |                |      |      |                |     |     |                |     |     |
| 4.5                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 38.9           | 28.9 | 23.8 |                |      |      |                |     |     |                |     |     |
| 5.0                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 36.8           | 27.8 | 23.2 |                |      |      |                |     |     |                |     |     |
| 6.0                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 33.3           | 26.0 | 22.2 |                |      |      |                |     |     |                |     |     |
| 7.0                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30.4           | 24.4 | 21.3 |                |      |      |                |     |     |                |     |     |
| 8.0                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 28.0           | 23.1 | 20.5 | 17.3           |      |      |                |     |     |                |     |     |
| 9.0                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 26.0           | 22.0 | 19.9 | 16.6           | 15.0 | 14.1 |                |     |     |                |     |     |
| 10.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24.3           | 21.0 | 19.5 | 15.8           | 14.4 | 13.6 |                |     |     |                |     |     |
| 11.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 22.9           | 20.2 | 19.2 | 15.2           | 13.9 | 13.1 | 9.0            |     |     |                |     |     |
| 12.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 21.6           | 19.6 |      | 14.6           | 13.4 | 12.7 | 9.0            | 9.0 |     |                |     |     |
| 14.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20.0           |      |      | 13.5           | 12.5 | 11.9 | 9.0            | 8.8 | 8.5 | 7.8            | 7.8 | 7.8 |
| 16.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 12.6           | 11.8 | 11.3 | 8.7            | 8.3 | 8.1 | 7.8            | 7.6 | 7.4 |
| 18.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 11.9           | 11.1 | 10.7 | 8.2            | 7.9 | 7.7 | 7.5            | 7.2 | 7.0 |
| 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 11.3           | 10.6 | 10.3 | 7.7            | 7.5 | 7.3 | 7.1            | 6.9 | 6.7 |
| 22.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 10.7           | 10.1 | 9.8  | 7.3            | 7.1 | 7.0 | 6.7            | 6.5 | 6.4 |
| 24.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 10.0           | 9.7  | 9.5  | 6.9            | 6.8 | 6.7 | 6.4            | 6.2 | 6.1 |
| 26.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 9.3            | 9.2  | 9.2  | 6.5            | 6.4 | 6.3 | 6.1            | 5.9 | 5.9 |
| 28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 8.7            | 8.6  | 8.7  | 6.2            | 6.1 | 6.0 | 5.8            | 5.7 | 5.6 |
| 30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 8.1            | 8.1  | 8.1  | 5.9            | 5.8 | 5.7 | 5.5            | 5.4 | 5.3 |
| 32.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 7.3            | 7.4  | 7.5  | 5.6            | 5.5 | 5.4 | 5.2            | 5.1 | 5.1 |
| 34.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 6.5            | 6.6  | 6.7  | 5.3            | 5.2 | 5.2 | 5.0            | 4.9 | 4.9 |
| 36.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 5.7            | 5.8  |      | 5.1            | 5.0 | 5.0 | 4.7            | 4.7 | 4.6 |
| 38.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 5.0            | 5.1  |      | 4.9            | 4.8 | 4.8 | 4.5            | 4.5 | 4.5 |
| 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 4.4            | 4.5  |      | 4.7            | 4.6 | 4.6 | 4.4            | 4.3 | 4.3 |
| 44.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | 3.4            |      |      | 4.0            | 4.0 | 4.1 | 3.7            | 3.8 | 3.8 |
| 48.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      |                |      |      | 3.1            | 3.2 |     | 3.1            | 3.2 |     |
| 52.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      |                |      |      | 2.4            | 2.4 |     | 2.4            | 2.4 |     |
| 56.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      |                |      |      | 1.8            |     |     | 1.8            | 1.8 |     |
| 60.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      |                |      |      |                |     |     | 1.3            |     |     |

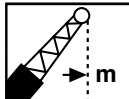
|      <b>31.7t</b> <div>DIN/ISO/EN</div> |                |      |      |                |      |      |                |     |     |                |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|------|----------------|------|------|----------------|-----|-----|----------------|-----|-----|
|                                                                                                                                                                                                                                                                                                                                                                                     | 12.8 m + 3.8 m |      |      | 43.0 m + 3.8 m |      |      | 56.0 m + 3.8 m |     |     | 60.0 m + 3.8 m |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0°             | 20°  | 40°  | 0°             | 20°  | 40°  | 0°             | 20° | 40° | 0°             | 20° | 40° |
| 3.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 40.0           | 32.7 |      |                |      |      |                |     |     |                |     |     |
| 3.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 40.0           | 31.3 | 25.2 |                |      |      |                |     |     |                |     |     |
| 4.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 40.0           | 30.0 | 24.5 |                |      |      |                |     |     |                |     |     |
| 4.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 38.9           | 28.9 | 23.8 |                |      |      |                |     |     |                |     |     |
| 5.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 36.8           | 27.8 | 23.2 |                |      |      |                |     |     |                |     |     |
| 6.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 33.3           | 26.0 | 22.2 |                |      |      |                |     |     |                |     |     |
| 7.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30.4           | 24.4 | 21.3 |                |      |      |                |     |     |                |     |     |
| 8.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28.0           | 23.1 | 20.5 |                |      |      |                |     |     |                |     |     |
| 9.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 26.0           | 22.0 | 19.9 | 16.6           | 15.0 | 14.1 |                |     |     |                |     |     |
| 10.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 24.3           | 21.0 | 19.5 | 15.8           | 14.4 | 13.6 |                |     |     |                |     |     |
| 11.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 22.9           | 20.2 | 19.2 | 15.2           | 13.9 | 13.1 |                |     |     |                |     |     |
| 12.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 21.6           | 19.6 |      | 14.6           | 13.4 | 12.7 | 9.0            | 9.0 |     |                |     |     |
| 14.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20.0           |      |      | 13.5           | 12.5 | 11.9 | 9.0            | 8.8 | 8.5 | 7.8            | 7.8 | 7.8 |
| 16.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 12.6           | 11.8 | 11.3 | 8.7            | 8.3 | 8.1 | 7.8            | 7.6 | 7.4 |
| 18.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 11.9           | 11.1 | 10.7 | 8.2            | 7.9 | 7.7 | 7.5            | 7.2 | 7.0 |
| 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 11.3           | 10.6 | 10.3 | 7.7            | 7.5 | 7.3 | 7.1            | 6.9 | 6.7 |
| 22.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 10.7           | 10.1 | 9.8  | 7.3            | 7.1 | 7.0 | 6.7            | 6.5 | 6.4 |
| 24.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 9.7            | 9.7  | 9.5  | 6.9            | 6.8 | 6.7 | 6.4            | 6.2 | 6.1 |
| 26.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 8.4            | 8.6  | 8.7  | 6.5            | 6.4 | 6.3 | 6.1            | 5.9 | 5.9 |
| 28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 7.2            | 7.3  | 7.5  | 6.2            | 6.1 | 6.0 | 5.8            | 5.7 | 5.6 |
| 30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 6.1            | 6.3  | 6.4  | 5.9            | 5.8 | 5.7 | 5.5            | 5.4 | 5.3 |
| 32.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 5.3            | 5.4  | 5.5  | 5.6            | 5.5 | 5.4 | 5.2            | 5.1 | 5.1 |
| 34.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 4.5            | 4.6  | 4.7  | 5.2            | 5.2 | 5.2 | 5.0            | 4.9 | 4.9 |
| 36.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 3.8            | 3.9  |      | 4.5            | 4.6 | 4.7 | 4.5            | 4.6 | 4.6 |
| 38.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 3.3            | 3.3  |      | 3.9            | 4.0 | 4.1 | 3.9            | 4.0 | 4.1 |
| 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 2.8            | 2.8  |      | 3.4            | 3.5 | 3.5 | 3.4            | 3.5 | 3.5 |
| 44.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      | 1.9            |      |      | 2.5            | 2.6 | 2.6 | 2.5            | 2.6 | 2.6 |
| 48.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      |                |      |      | 1.8            | 1.8 |     | 1.8            | 1.8 |     |
| 52.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |      |      |                |      |      | 1.2            | 1.2 |     | 1.1            | 1.2 |     |

Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

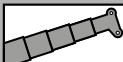
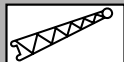


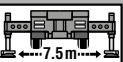
|  m | 43.0 m + 3.8 m |      |      | 56.0 m + 3.8 m |     |     | 60.0 m + 3.8 m |     |     |
|------------------------------------------------------------------------------------|----------------|------|------|----------------|-----|-----|----------------|-----|-----|
|                                                                                    | 0°             | 20°  | 40°  | 0°             | 20° | 40° | 0°             | 20° | 40° |
| 8.0                                                                                |                |      |      |                |     |     |                |     |     |
| 9.0                                                                                | 16.6           | 15.0 | 14.1 |                |     |     |                |     |     |
| 10.0                                                                               | 15.8           | 14.4 | 13.6 |                |     |     |                |     |     |
| 11.0                                                                               | 15.2           | 13.9 | 13.1 |                |     |     |                |     |     |
| 12.0                                                                               | 14.6           | 13.4 | 12.7 | 9.0            | 9.0 |     |                |     |     |
| 14.0                                                                               | 13.5           | 12.5 | 11.9 | 9.0            | 8.8 | 8.5 | 7.8            | 7.8 | 7.8 |
| 16.0                                                                               | 12.6           | 11.8 | 11.3 | 8.7            | 8.3 | 8.1 | 7.8            | 7.6 | 7.4 |
| 18.0                                                                               | 11.9           | 11.1 | 10.7 | 8.2            | 7.9 | 7.7 | 7.5            | 7.2 | 7.0 |
| 20.0                                                                               | 10.3           | 10.6 | 10.3 | 7.7            | 7.5 | 7.3 | 7.1            | 6.9 | 6.7 |
| 22.0                                                                               | 8.5            | 8.7  | 9.0  | 7.3            | 7.1 | 7.0 | 6.7            | 6.5 | 6.4 |
| 24.0                                                                               | 7.0            | 7.2  | 7.4  | 6.9            | 6.8 | 6.7 | 6.4            | 6.2 | 6.1 |
| 26.0                                                                               | 5.8            | 6.0  | 6.2  | 6.5            | 6.4 | 6.3 | 6.1            | 5.9 | 5.9 |
| 28.0                                                                               | 4.8            | 5.0  | 5.1  | 5.5            | 5.7 | 5.8 | 5.5            | 5.7 | 5.6 |
| 30.0                                                                               | 4.0            | 4.1  | 4.2  | 4.7            | 4.8 | 4.9 | 4.7            | 4.8 | 4.9 |
| 32.0                                                                               | 3.2            | 3.4  | 3.5  | 3.9            | 4.1 | 4.2 | 3.9            | 4.1 | 4.2 |
| 34.0                                                                               | 2.6            | 2.7  | 2.8  | 3.3            | 3.4 | 3.5 | 3.3            | 3.4 | 3.5 |
| 36.0                                                                               | 2.1            | 2.2  |      | 2.8            | 2.8 | 2.9 | 2.7            | 2.8 | 2.9 |
| 38.0                                                                               | 1.6            | 1.7  |      | 2.2            | 2.4 | 2.4 | 2.2            | 2.3 | 2.4 |
| 40.0                                                                               | 1.2            | 1.2  |      | 1.8            | 1.9 | 2.0 | 1.8            | 1.9 | 1.9 |
| 44.0                                                                               |                |      |      | 1.1            | 1.2 | 1.2 | 1.1            | 1.1 | 1.2 |



|  m | 43.0 m + 3.8 m |      |      | 56.0 m + 3.8 m |     |     | 60.0 m + 3.8 m |     |     |
|--------------------------------------------------------------------------------------|----------------|------|------|----------------|-----|-----|----------------|-----|-----|
|                                                                                      | 0°             | 20°  | 40°  | 0°             | 20° | 40° | 0°             | 20° | 40° |
| 8.0                                                                                  |                |      |      |                |     |     |                |     |     |
| 9.0                                                                                  | 16.6           | 15.0 | 14.1 |                |     |     |                |     |     |
| 10.0                                                                                 | 15.8           | 14.4 | 13.6 |                |     |     |                |     |     |
| 11.0                                                                                 | 15.2           | 13.9 | 13.1 |                |     |     |                |     |     |
| 12.0                                                                                 | 14.6           | 13.4 | 12.7 | 9.0            | 9.0 |     |                |     |     |
| 14.0                                                                                 | 13.5           | 12.5 | 11.9 | 9.0            | 8.8 | 8.5 | 7.8            | 7.8 | 7.8 |
| 16.0                                                                                 | 11.3           | 11.6 | 11.3 | 8.7            | 8.3 | 8.1 | 7.8            | 7.6 | 7.4 |
| 18.0                                                                                 | 9.2            | 9.5  | 9.8  | 8.2            | 7.9 | 7.7 | 7.5            | 7.2 | 7.0 |
| 20.0                                                                                 | 7.3            | 7.5  | 7.8  | 7.7            | 7.5 | 7.3 | 7.1            | 6.9 | 6.7 |
| 22.0                                                                                 | 5.8            | 6.0  | 6.3  | 6.5            | 6.8 | 6.9 | 6.4            | 6.5 | 6.4 |
| 24.0                                                                                 | 4.6            | 4.8  | 5.0  | 5.3            | 5.5 | 5.7 | 5.3            | 5.5 | 5.7 |
| 26.0                                                                                 | 3.6            | 3.8  | 4.0  | 4.3            | 4.5 | 4.6 | 4.3            | 4.5 | 4.6 |
| 28.0                                                                                 | 2.8            | 2.9  | 3.1  | 3.5            | 3.7 | 3.8 | 3.5            | 3.6 | 3.8 |
| 30.0                                                                                 | 2.1            | 2.2  | 2.4  | 2.8            | 2.9 | 3.0 | 2.8            | 2.9 | 3.0 |
| 32.0                                                                                 | 1.5            | 1.6  | 1.7  | 2.2            | 2.3 | 2.4 | 2.2            | 2.3 | 2.4 |
| 34.0                                                                                 | 1.0            | 1.1  | 1.2  | 1.7            | 1.8 | 1.9 | 1.6            | 1.8 | 1.8 |
| 36.0                                                                                 |                |      |      | 1.2            | 1.3 | 1.4 | 1.2            | 1.3 | 1.4 |
| 38.0                                                                                 |                |      |      |                | 0.9 | 1.0 |                | 0.9 | 1.0 |

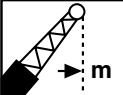
Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

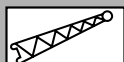
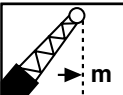



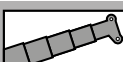
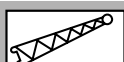
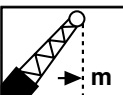



9.4t

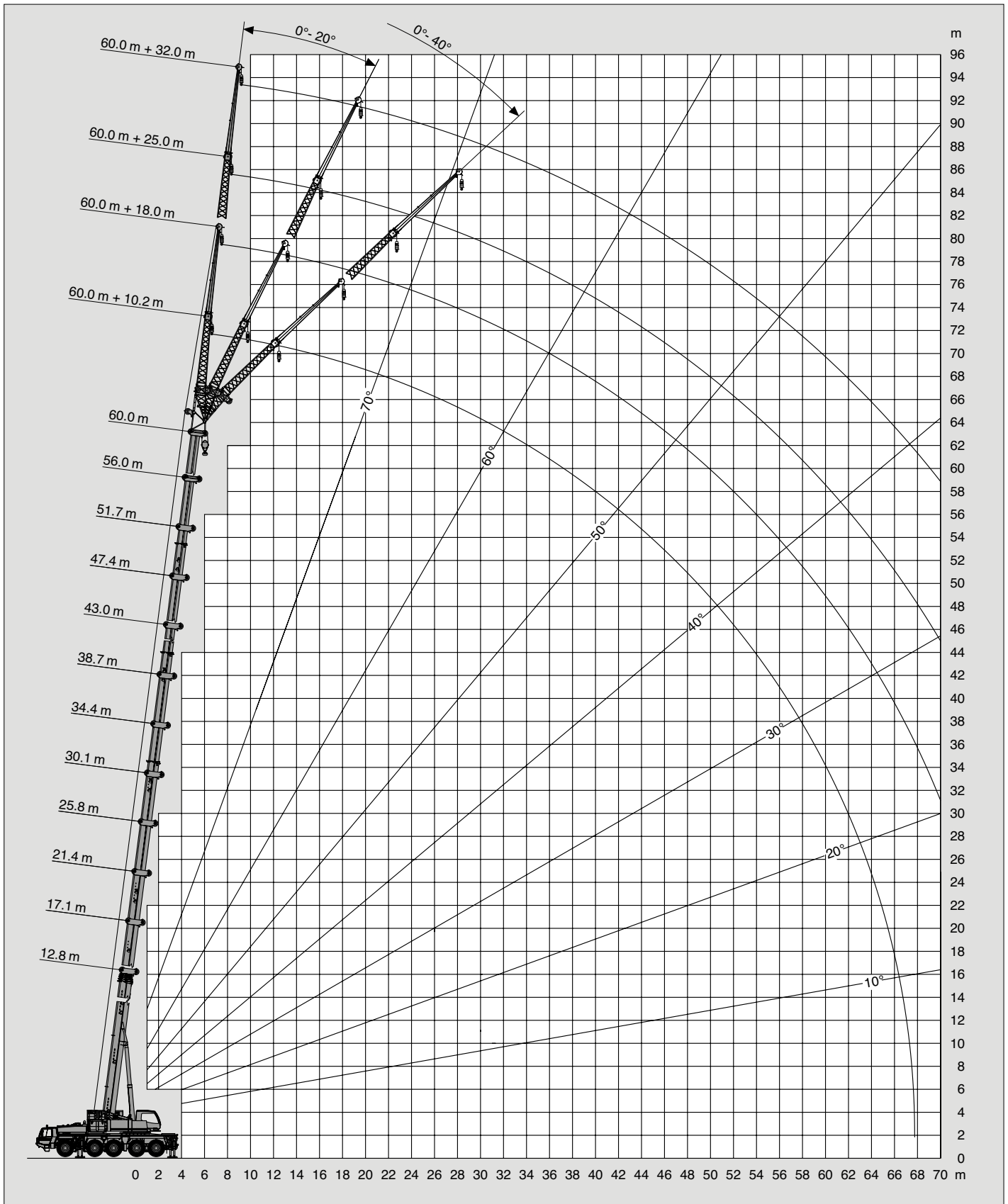
DIN/ISO/EN

|  | 43.0 m + 3.8 m |      |      | 56.0 m + 3.8 m |     |     | 60.0 m + 3.8 m |     |     |
|----------------------------------------------------------------------------------|----------------|------|------|----------------|-----|-----|----------------|-----|-----|
|                                                                                  | 0°             | 20°  | 40°  | 0°             | 20° | 40° | 0°             | 20° | 40° |
| 9.0                                                                              | 16.6           | 15.0 | 14.1 |                |     |     |                |     |     |
| 10.0                                                                             | 15.8           | 14.4 | 13.6 |                |     |     |                |     |     |
| 11.0                                                                             | 15.2           | 13.9 | 13.1 |                |     |     |                |     |     |
| 12.0                                                                             | 14.6           | 13.4 | 12.7 | 9.0            | 9.0 |     |                |     |     |
| 14.0                                                                             | 12.2           | 12.5 | 11.9 | 9.0            | 8.8 | 8.5 | 7.8            | 7.8 | 7.8 |
| 16.0                                                                             | 9.8            | 10.1 | 10.4 | 8.7            | 8.3 | 8.1 | 7.8            | 7.6 | 7.4 |
| 18.0                                                                             | 7.8            | 8.2  | 8.5  | 8.0            | 7.9 | 7.7 | 7.5            | 7.2 | 7.0 |
| 20.0                                                                             | 6.1            | 6.4  | 6.6  | 6.6            | 6.8 | 7.0 | 6.4            | 6.7 | 6.7 |
| 22.0                                                                             | 4.7            | 5.0  | 5.2  | 5.5            | 5.7 | 5.9 | 5.3            | 5.5 | 5.7 |
| 24.0                                                                             | 3.6            | 3.8  | 4.0  | 4.4            | 4.6 | 4.7 | 4.4            | 4.6 | 4.7 |
| 26.0                                                                             | 2.7            | 2.9  | 3.1  | 3.5            | 3.6 | 3.8 | 3.4            | 3.6 | 3.8 |
| 28.0                                                                             | 2.0            | 2.1  | 2.3  | 2.7            | 2.9 | 3.0 | 2.7            | 2.9 | 3.0 |
| 30.0                                                                             | 1.4            | 1.5  | 1.6  | 2.1            | 2.2 | 2.3 | 2.0            | 2.2 | 2.3 |
| 32.0                                                                             |                | 0.9  | 1.1  | 1.5            | 1.6 | 1.7 | 1.5            | 1.6 | 1.7 |
| 34.0                                                                             |                |      |      | 1.0            | 1.2 | 1.2 | 1.0            | 1.1 | 1.2 |

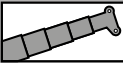
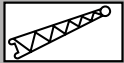
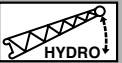
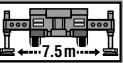
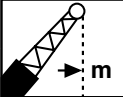
|                                                                                    |                                                                                   |                                                                                   |                                                                                   |                                                                                   |             |                   |                |     |     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-------------------|----------------|-----|-----|
|    |  |  |  |  | <b>6.3t</b> | <b>DIN/ISO/EN</b> |                |     |     |
|  | 43.0 m + 3.8 m                                                                    |                                                                                   |                                                                                   | 56.0 m + 3.8 m                                                                    |             |                   | 60.0 m + 3.8 m |     |     |
|                                                                                    | 0°                                                                                | 20°                                                                               | 40°                                                                               | 0°                                                                                | 20°         | 40°               | 0°             | 20° | 40° |
|                                                                                    | 9.0                                                                               | 16.6                                                                              | 15.0                                                                              | 14.1                                                                              |             |                   |                |     |     |
|                                                                                    | 10.0                                                                              | 15.8                                                                              | 14.4                                                                              | 13.6                                                                              |             |                   |                |     |     |
|                                                                                    | 11.0                                                                              | 15.2                                                                              | 13.9                                                                              | 13.1                                                                              |             |                   |                |     |     |
|                                                                                    | 12.0                                                                              | 13.6                                                                              | 13.4                                                                              | 12.7                                                                              | 9.0         | 9.0               |                |     |     |
|                                                                                    | 14.0                                                                              | 10.6                                                                              | 11.0                                                                              | 11.4                                                                              | 9.0         | 8.8               | 8.5            | 7.8 | 7.8 |
|                                                                                    | 16.0                                                                              | 8.4                                                                               | 8.7                                                                               | 9.1                                                                               | 8.4         | 8.3               | 8.1            | 7.8 | 7.6 |
|                                                                                    | 18.0                                                                              | 6.6                                                                               | 6.9                                                                               | 7.2                                                                               | 6.8         | 7.1               | 7.3            | 6.6 | 6.9 |
|                                                                                    | 20.0                                                                              | 5.0                                                                               | 5.3                                                                               | 5.6                                                                               | 5.6         | 5.8               | 6.0            | 5.4 | 5.6 |
|                                                                                    | 22.0                                                                              | 3.8                                                                               | 4.0                                                                               | 4.2                                                                               | 4.5         | 4.7               | 4.9            | 4.4 | 4.6 |
|                                                                                    | 24.0                                                                              | 2.8                                                                               | 3.0                                                                               | 3.2                                                                               | 3.5         | 3.7               | 3.9            | 3.5 | 3.7 |
|                                                                                    | 26.0                                                                              | 1.9                                                                               | 2.1                                                                               | 2.3                                                                               | 2.7         | 2.9               | 3.0            | 2.7 | 2.8 |
|                                                                                    | 28.0                                                                              | 1.3                                                                               | 1.4                                                                               | 1.6                                                                               | 2.0         | 2.2               | 2.3            | 2.0 | 2.1 |
|                                                                                    | 30.0                                                                              |                                                                                   |                                                                                   | 1.0                                                                               | 1.4         | 1.5               | 1.6            | 1.4 | 1.5 |
|                                                                                    | 32.0                                                                              |                                                                                   |                                                                                   |                                                                                   |             | 1.0               | 1.1            |     |     |
| 34.0                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |             |                   |                |     |     |

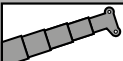
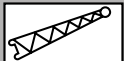
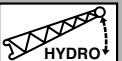
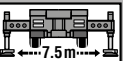
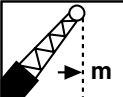
|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |             |                   |                |     |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|-------------------|----------------|-----|-----|
|  |  |  |  |  | <b>3.9t</b> | <b>DIN/ISO/EN</b> |                |     |     |
|  | 43.0 m + 3.8 m                                                                      |                                                                                     |                                                                                     | 56.0 m + 3.8 m                                                                      |             |                   | 60.0 m + 3.8 m |     |     |
|                                                                                    | 0°                                                                                  | 20°                                                                                 | 40°                                                                                 | 0°                                                                                  | 20°         | 40°               | 0°             | 20° | 40° |
|                                                                                    | 9.0                                                                                 | 16.6                                                                                | 15.0                                                                                | 14.1                                                                                |             |                   |                |     |     |
|                                                                                    | 10.0                                                                                | 15.8                                                                                | 14.4                                                                                | 13.6                                                                                |             |                   |                |     |     |
|                                                                                    | 11.0                                                                                | 13.6                                                                                | 13.9                                                                                | 13.1                                                                                |             |                   |                |     |     |
|                                                                                    | 12.0                                                                                | 11.9                                                                                | 12.4                                                                                | 12.7                                                                                | 9.0         | 9.0               |                |     |     |
|                                                                                    | 14.0                                                                                | 9.2                                                                                 | 9.6                                                                                 | 10.0                                                                                | 9.0         | 8.8               | 8.5            | 7.8 | 7.8 |
|                                                                                    | 16.0                                                                                | 7.1                                                                                 | 7.5                                                                                 | 7.8                                                                                 | 7.2         | 7.5               | 7.8            | 7.0 | 7.3 |
|                                                                                    | 18.0                                                                                | 5.5                                                                                 | 5.8                                                                                 | 6.1                                                                                 | 5.8         | 6.0               | 6.3            | 5.6 | 5.8 |
|                                                                                    | 20.0                                                                                | 4.0                                                                                 | 4.3                                                                                 | 4.6                                                                                 | 4.6         | 4.8               | 5.0            | 4.4 | 4.7 |
|                                                                                    | 22.0                                                                                | 2.9                                                                                 | 3.1                                                                                 | 3.4                                                                                 | 3.6         | 3.9               | 4.0            | 3.5 | 3.7 |
|                                                                                    | 24.0                                                                                | 2.0                                                                                 | 2.2                                                                                 | 2.4                                                                                 | 2.7         | 2.9               | 3.1            | 2.7 | 2.9 |
|                                                                                    | 26.0                                                                                | 1.2                                                                                 | 1.4                                                                                 | 1.6                                                                                 | 2.0         | 2.2               | 2.3            | 2.0 | 2.1 |
|                                                                                    | 28.0                                                                                |                                                                                     |                                                                                     | 0.9                                                                                 | 1.3         | 1.5               | 1.6            |     | 1.5 |
|                                                                                    | 30.0                                                                                |                                                                                     |                                                                                     |                                                                                     |             |                   |                |     |     |
|                                                                                    | 32.0                                                                                |                                                                                     |                                                                                     |                                                                                     |             |                   |                |     |     |
|                                                                                    | 34.0                                                                                |                                                                                     |                                                                                     |                                                                                     |             |                   |                |     |     |

Hubhöhen  
Lifting heights  
Hauteurs de levage  
Alturas de elevación



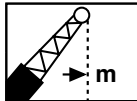
Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

|      <b>42.3t</b> <div>DIN/ISO/EN</div> |                 |      |     |                 |     |     |                 |     |     |                 |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
| <br>m                                                                                                                                                                                                                                                                                                                                                                       | 43.0 m + 10.2 m |      |     | 43.0 m + 18.0 m |     |     | 43.0 m + 25.0 m |     |     | 43.0 m + 32.0 m |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0°              | 20°  | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 8.0                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10.6            |      |     |                 |     |     |                 |     |     |                 |     |     |
| 9.0                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10.6            |      |     |                 |     |     |                 |     |     |                 |     |     |
| 10.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10.6            |      |     | 5.5             |     |     |                 |     |     |                 |     |     |
| 11.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10.6            |      |     | 5.5             |     |     | 3.8             |     |     |                 |     |     |
| 12.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10.6            | 10.1 |     | 5.5             |     |     | 3.8             |     |     | 2.7             |     |     |
| 14.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10.6            | 9.4  | 8.2 | 5.5             |     |     | 3.8             |     |     | 2.7             |     |     |
| 16.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10.5            | 8.9  | 7.7 | 5.5             | 4.1 |     | 3.8             |     |     | 2.7             |     |     |
| 18.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9.9             | 8.3  | 7.4 | 5.4             | 3.9 |     | 3.8             |     |     | 2.7             |     |     |
| 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9.3             | 7.9  | 7.1 | 5.2             | 3.7 | 3.0 | 3.8             | 3.6 |     | 2.7             |     |     |
| 22.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8.8             | 7.5  | 6.8 | 4.9             | 3.6 | 2.9 | 3.8             | 3.5 |     | 2.7             |     |     |
| 24.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8.3             | 7.2  | 6.5 | 4.7             | 3.4 | 2.8 | 3.8             | 3.4 |     | 2.7             | 2.6 |     |
| 26.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7.9             | 6.9  | 6.3 | 4.5             | 3.3 | 2.7 | 3.8             | 3.3 | 2.7 | 2.7             | 2.5 |     |
| 28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7.5             | 6.6  | 6.1 | 4.3             | 3.2 | 2.7 | 3.7             | 3.2 | 2.6 | 2.7             | 2.4 |     |
| 30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7.2             | 6.4  | 5.9 | 4.1             | 3.1 | 2.6 | 3.7             | 3.1 | 2.5 | 2.7             | 2.3 |     |
| 32.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.9             | 6.2  | 5.7 | 3.9             | 3.0 | 2.6 | 3.6             | 3.0 | 2.4 | 2.7             | 2.3 | 1.8 |
| 34.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.7             | 6.0  | 5.6 | 3.8             | 2.9 | 2.5 | 3.5             | 2.9 | 2.4 | 2.7             | 2.2 | 1.7 |
| 36.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.1             | 5.8  | 5.5 | 3.6             | 2.8 | 2.5 | 3.4             | 2.8 | 2.3 | 2.6             | 2.1 | 1.6 |
| 38.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.4             | 5.7  | 5.3 | 3.5             | 2.7 | 2.4 | 3.3             | 2.7 | 2.2 | 2.5             | 2.1 | 1.6 |
| 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4.8             | 5.1  | 5.3 | 3.4             | 2.7 | 2.4 | 3.2             | 2.6 | 2.2 | 2.4             | 2.0 | 1.5 |
| 44.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.8             | 4.0  |     | 3.2             | 2.6 | 2.4 | 3.1             | 2.5 | 2.1 | 2.3             | 1.8 | 1.5 |
| 48.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.0             | 3.1  |     | 3.0             | 2.5 | 2.4 | 2.9             | 2.3 | 2.0 | 2.2             | 1.7 | 1.4 |
| 52.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |      |     | 2.8             | 2.5 |     | 2.6             | 2.2 | 2.0 | 2.0             | 1.6 | 1.3 |
| 56.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |      |     | 2.2             |     |     | 2.4             | 2.1 |     | 1.8             | 1.5 | 1.3 |
| 60.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |      |     |                 |     |     | 1.8             | 2.0 |     | 1.6             | 1.4 | 1.3 |
| 64.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |      |     |                 |     |     | 1.4             |     |     | 1.5             | 1.3 |     |
| 68.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |      |     |                 |     |     |                 |     |     | 1.2             | 1.3 |     |

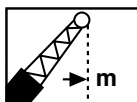
|      <b>42.3t</b> <div>DIN/ISO/EN</div> |                 |     |     |                 |     |     |                 |     |     |                 |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
| <br>m                                                                                                                                                                                                                                                                                                                                                                               | 56.0 m + 10.2 m |     |     | 56.0 m + 18.0 m |     |     | 56.0 m + 25.0 m |     |     | 56.0 m + 32.0 m |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6.4             |     |     |                 |     |     |                 |     |     |                 |     |     |
| 14.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6.4             |     |     | 3.9             |     |     | 2.9             |     |     |                 |     |     |
| 16.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6.4             | 6.4 |     | 3.9             |     |     | 2.9             |     |     | 2.1             |     |     |
| 18.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6.4             | 6.1 | 5.7 | 3.9             |     |     | 2.9             |     |     | 2.1             |     |     |
| 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6.4             | 5.8 | 5.4 | 3.9             | 3.5 |     | 2.9             |     |     | 2.1             |     |     |
| 22.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6.2             | 5.5 | 5.2 | 3.9             | 3.4 |     | 2.9             |     |     | 2.1             |     |     |
| 24.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.9             | 5.3 | 5.0 | 3.9             | 3.3 | 2.7 | 2.9             | 2.9 |     | 2.1             |     |     |
| 26.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.6             | 5.1 | 4.8 | 3.9             | 3.2 | 2.6 | 2.9             | 2.9 |     | 2.1             |     |     |
| 28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.4             | 4.9 | 4.6 | 3.9             | 3.0 | 2.5 | 2.9             | 2.9 |     | 2.1             |     |     |
| 30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.2             | 4.7 | 4.5 | 3.9             | 3.0 | 2.5 | 2.9             | 2.8 | 2.5 | 2.1             | 2.0 |     |
| 32.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.9             | 4.6 | 4.3 | 3.8             | 2.9 | 2.4 | 2.9             | 2.7 | 2.4 | 2.1             | 2.0 |     |
| 34.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.7             | 4.4 | 4.2 | 3.7             | 2.8 | 2.4 | 2.9             | 2.6 | 2.4 | 2.1             | 1.9 |     |
| 36.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.6             | 4.3 | 4.1 | 3.6             | 2.7 | 2.3 | 2.8             | 2.5 | 2.3 | 2.1             | 1.9 |     |
| 38.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.4             | 4.1 | 4.0 | 3.4             | 2.6 | 2.3 | 2.7             | 2.4 | 2.2 | 2.1             | 1.8 | 1.6 |
| 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.2             | 4.0 | 3.9 | 3.3             | 2.6 | 2.3 | 2.6             | 2.3 | 2.2 | 2.1             | 1.8 | 1.6 |
| 44.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.8             | 3.8 | 3.7 | 3.1             | 2.5 | 2.2 | 2.5             | 2.2 | 2.0 | 2.0             | 1.7 | 1.5 |
| 48.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.3             | 3.5 | 3.5 | 3.0             | 2.4 | 2.1 | 2.3             | 2.0 | 1.9 | 1.8             | 1.6 | 1.4 |
| 52.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.6             | 2.8 |     | 2.8             | 2.3 | 2.1 | 2.2             | 1.9 | 1.8 | 1.7             | 1.5 | 1.4 |
| 56.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.0             | 2.2 |     | 2.3             | 2.3 | 2.1 | 2.0             | 1.8 | 1.7 | 1.6             | 1.4 | 1.3 |
| 60.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.5             | 1.6 |     | 1.8             | 2.0 |     | 1.9             | 1.7 | 1.6 | 1.5             | 1.3 | 1.2 |
| 64.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |     |     | 1.3             | 1.5 |     | 1.4             | 1.7 | 1.6 | 1.4             | 1.2 | 1.1 |
| 68.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |     |     | 0.9             | 1.0 |     | 1.0             | 1.3 |     | 1.2             | 1.2 | 1.1 |
| 72.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |     |     |                 |     |     |                 | 0.9 |     |                 | 1.1 | 1.0 |

Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación



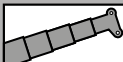
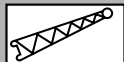
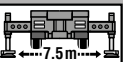
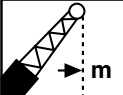
|  m | 60.0 m + 10.2 m |     |     | 60.0 m + 18.0 m |     |     | 60.0 m + 25.0 m |     |     | 60.0 m + 32.0 m |     |     |
|------------------------------------------------------------------------------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
|                                                                                    | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                               | 5.7             |     |     |                 |     |     |                 |     |     |                 |     |     |
| 14.0                                                                               | 5.7             |     |     | 3.6             |     |     |                 |     |     |                 |     |     |
| 16.0                                                                               | 5.7             | 5.7 |     | 3.6             |     |     | 2.7             |     |     |                 |     |     |
| 18.0                                                                               | 5.7             | 5.6 |     | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 20.0                                                                               | 5.7             | 5.4 | 5.0 | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 22.0                                                                               | 5.7             | 5.1 | 4.8 | 3.6             | 3.3 |     | 2.7             |     |     | 2.0             |     |     |
| 24.0                                                                               | 5.4             | 4.9 | 4.6 | 3.6             | 3.2 |     | 2.7             |     |     | 2.0             |     |     |
| 26.0                                                                               | 5.2             | 4.7 | 4.5 | 3.6             | 3.1 | 2.6 | 2.7             | 2.7 |     | 2.0             |     |     |
| 28.0                                                                               | 5.0             | 4.5 | 4.3 | 3.6             | 3.0 | 2.5 | 2.7             | 2.7 |     | 2.0             |     |     |
| 30.0                                                                               | 4.7             | 4.4 | 4.2 | 3.6             | 2.9 | 2.4 | 2.7             | 2.6 |     | 2.0             | 1.9 |     |
| 32.0                                                                               | 4.5             | 4.2 | 4.0 | 3.6             | 2.8 | 2.4 | 2.7             | 2.5 | 2.3 | 2.0             | 1.9 |     |
| 34.0                                                                               | 4.4             | 4.1 | 3.9 | 3.4             | 2.7 | 2.3 | 2.7             | 2.4 | 2.3 | 2.0             | 1.8 |     |
| 36.0                                                                               | 4.2             | 4.0 | 3.8 | 3.3             | 2.7 | 2.3 | 2.6             | 2.3 | 2.2 | 2.0             | 1.8 |     |
| 38.0                                                                               | 4.0             | 3.8 | 3.7 | 3.2             | 2.6 | 2.2 | 2.5             | 2.3 | 2.1 | 2.0             | 1.8 | 1.6 |
| 40.0                                                                               | 3.9             | 3.7 | 3.6 | 3.1             | 2.6 | 2.2 | 2.4             | 2.2 | 2.0 | 1.9             | 1.7 | 1.6 |
| 44.0                                                                               | 3.6             | 3.4 | 3.3 | 2.9             | 2.4 | 2.1 | 2.3             | 2.0 | 1.9 | 1.8             | 1.6 | 1.5 |
| 48.0                                                                               | 3.1             | 3.0 | 3.0 | 2.6             | 2.3 | 2.1 | 2.1             | 1.9 | 1.8 | 1.7             | 1.5 | 1.4 |
| 52.0                                                                               | 2.5             | 2.7 | 2.7 | 2.3             | 2.2 | 2.1 | 1.9             | 1.7 | 1.7 | 1.6             | 1.4 | 1.3 |
| 56.0                                                                               | 1.9             | 2.2 |     | 2.1             | 2.0 | 2.0 | 1.7             | 1.6 | 1.5 | 1.4             | 1.3 | 1.2 |
| 60.0                                                                               | 1.4             | 1.6 |     | 1.7             | 1.8 | 1.8 | 1.5             | 1.4 | 1.4 | 1.3             | 1.2 | 1.1 |
| 64.0                                                                               | 1.0             | 1.1 |     | 1.2             | 1.5 |     | 1.3             | 1.3 | 1.3 | 1.1             | 1.1 | 1.0 |
| 68.0                                                                               |                 |     |     |                 | 1.0 |     | 0.9             | 1.2 | 1.2 | 1.0             | 0.9 | 1.0 |
| 72.0                                                                               |                 |     |     |                 |     |     |                 |     |     |                 |     | 0.9 |

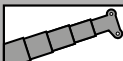
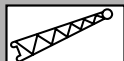
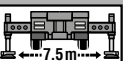
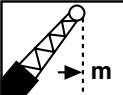


|  m | 43.0 m + 10.2 m |      |     | 43.0 m + 18.0 m |     |     | 43.0 m + 25.0 m |     |     | 43.0 m + 32.0 m |     |     |
|--------------------------------------------------------------------------------------|-----------------|------|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
|                                                                                      | 0°              | 20°  | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 8.0                                                                                  | 10.6            |      |     |                 |     |     |                 |     |     |                 |     |     |
| 9.0                                                                                  | 10.6            |      |     |                 |     |     |                 |     |     |                 |     |     |
| 10.0                                                                                 | 10.6            |      |     | 5.5             |     |     |                 |     |     |                 |     |     |
| 11.0                                                                                 | 10.6            |      |     | 5.5             |     |     | 3.8             |     |     |                 |     |     |
| 12.0                                                                                 | 10.6            | 10.1 |     | 5.5             |     |     | 3.8             |     |     | 2.7             |     |     |
| 14.0                                                                                 | 10.6            | 9.4  | 8.2 | 5.5             |     |     | 3.8             |     |     | 2.7             |     |     |
| 16.0                                                                                 | 10.5            | 8.9  | 7.7 | 5.5             | 4.1 |     | 3.8             |     |     | 2.7             |     |     |
| 18.0                                                                                 | 9.9             | 8.3  | 7.4 | 5.4             | 3.9 |     | 3.8             |     |     | 2.7             |     |     |
| 20.0                                                                                 | 9.3             | 7.9  | 7.1 | 5.2             | 3.7 | 3.0 | 3.8             | 3.6 |     | 2.7             |     |     |
| 22.0                                                                                 | 8.8             | 7.5  | 6.8 | 4.9             | 3.6 | 2.9 | 3.8             | 3.5 |     | 2.7             |     |     |
| 24.0                                                                                 | 8.3             | 7.2  | 6.5 | 4.7             | 3.4 | 2.8 | 3.8             | 3.4 |     | 2.7             | 2.6 |     |
| 26.0                                                                                 | 7.9             | 6.9  | 6.3 | 4.5             | 3.3 | 2.7 | 3.8             | 3.3 | 2.7 | 2.7             | 2.5 |     |
| 28.0                                                                                 | 7.5             | 6.6  | 6.1 | 4.3             | 3.2 | 2.7 | 3.7             | 3.2 | 2.6 | 2.7             | 2.4 |     |
| 30.0                                                                                 | 6.6             | 6.4  | 5.9 | 4.1             | 3.1 | 2.6 | 3.7             | 3.1 | 2.5 | 2.7             | 2.3 |     |
| 32.0                                                                                 | 5.7             | 6.2  | 5.7 | 3.9             | 3.0 | 2.6 | 3.6             | 3.0 | 2.4 | 2.7             | 2.3 | 1.8 |
| 34.0                                                                                 | 4.9             | 5.3  | 5.6 | 3.8             | 2.9 | 2.5 | 3.5             | 2.9 | 2.4 | 2.7             | 2.2 | 1.7 |
| 36.0                                                                                 | 4.3             | 4.6  | 4.9 | 3.6             | 2.8 | 2.5 | 3.4             | 2.8 | 2.3 | 2.6             | 2.1 | 1.6 |
| 38.0                                                                                 | 3.7             | 4.0  | 4.2 | 3.5             | 2.7 | 2.4 | 3.3             | 2.7 | 2.2 | 2.5             | 2.1 | 1.6 |
| 40.0                                                                                 | 3.2             | 3.4  | 3.6 | 3.4             | 2.7 | 2.4 | 3.2             | 2.6 | 2.2 | 2.4             | 2.0 | 1.5 |
| 44.0                                                                                 | 2.3             | 2.5  |     | 2.8             | 2.6 | 2.4 | 2.9             | 2.5 | 2.1 | 2.2             | 1.8 | 1.5 |
| 48.0                                                                                 | 1.6             | 1.7  |     | 2.1             | 2.5 | 2.4 | 2.4             | 2.3 | 2.0 | 1.9             | 1.7 | 1.4 |
| 52.0                                                                                 |                 |      |     | 1.5             | 1.8 |     | 1.7             | 2.2 | 2.0 | 1.7             | 1.6 | 1.3 |
| 56.0                                                                                 |                 |      |     | 1.0             |     |     | 1.2             | 1.6 |     | 1.4             | 1.5 | 1.3 |
| 60.0                                                                                 |                 |      |     |                 |     |     |                 | 1.0 |     | 1.0             | 1.4 | 1.3 |
| 64.0                                                                                 |                 |      |     |                 |     |     |                 |     |     |                 | 0.9 |     |



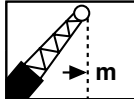
Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

|                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |              |                   |                 |     |     |                 |     |     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-------------------|-----------------|-----|-----|-----------------|-----|-----|
|  |  |  |  |  | <b>31.7t</b> | <b>DIN/ISO/EN</b> |                 |     |     |                 |     |     |
|  | 56.0 m + 10.2 m                                                                   |                                                                                   |                                                                                   | 56.0 m + 18.0 m                                                                   |              |                   | 56.0 m + 25.0 m |     |     | 56.0 m + 32.0 m |     |     |
|                                                                                  | 0°                                                                                | 20°                                                                               | 40°                                                                               | 0°                                                                                | 20°          | 40°               | 0°              | 20° | 40° | 0°              | 20° | 40° |
|                                                                                  | 12.0                                                                              | 6.4                                                                               |                                                                                   |                                                                                   |              |                   |                 |     |     |                 |     |     |
|                                                                                  | 14.0                                                                              | 6.4                                                                               |                                                                                   | 3.9                                                                               |              |                   | 2.9             |     |     |                 |     |     |
|                                                                                  | 16.0                                                                              | 6.4                                                                               | 6.4                                                                               | 3.9                                                                               |              |                   | 2.9             |     |     | 2.1             |     |     |
|                                                                                  | 18.0                                                                              | 6.4                                                                               | 6.1                                                                               | 5.7                                                                               | 3.9          |                   | 2.9             |     |     | 2.1             |     |     |
|                                                                                  | 20.0                                                                              | 6.4                                                                               | 5.8                                                                               | 5.4                                                                               | 3.9          | 3.5               | 2.9             |     |     | 2.1             |     |     |
|                                                                                  | 22.0                                                                              | 6.2                                                                               | 5.5                                                                               | 5.2                                                                               | 3.9          | 3.4               | 2.9             |     |     | 2.1             |     |     |
|                                                                                  | 24.0                                                                              | 5.9                                                                               | 5.3                                                                               | 5.0                                                                               | 3.9          | 3.3               | 2.7             | 2.9 | 2.9 | 2.1             |     |     |
|                                                                                  | 26.0                                                                              | 5.6                                                                               | 5.1                                                                               | 4.8                                                                               | 3.9          | 3.2               | 2.6             | 2.9 | 2.9 | 2.1             |     |     |
|                                                                                  | 28.0                                                                              | 5.4                                                                               | 4.9                                                                               | 4.6                                                                               | 3.9          | 3.0               | 2.5             | 2.9 | 2.9 | 2.1             |     |     |
|                                                                                  | 30.0                                                                              | 5.2                                                                               | 4.7                                                                               | 4.5                                                                               | 3.9          | 3.0               | 2.5             | 2.9 | 2.8 | 2.5             | 2.1 | 2.0 |
|                                                                                  | 32.0                                                                              | 4.9                                                                               | 4.6                                                                               | 4.3                                                                               | 3.8          | 2.9               | 2.4             | 2.9 | 2.7 | 2.4             | 2.1 | 2.0 |
|                                                                                  | 34.0                                                                              | 4.7                                                                               | 4.4                                                                               | 4.2                                                                               | 3.7          | 2.8               | 2.4             | 2.9 | 2.6 | 2.4             | 2.1 | 1.9 |
| 36.0                                                                             | 4.6                                                                               | 4.3                                                                               | 4.1                                                                               | 3.6                                                                               | 2.7          | 2.3               | 2.8             | 2.5 | 2.3 | 2.1             | 1.9 |     |
| 38.0                                                                             | 4.0                                                                               | 4.1                                                                               | 4.0                                                                               | 3.4                                                                               | 2.6          | 2.3               | 2.7             | 2.4 | 2.2 | 2.1             | 1.8 | 1.6 |
| 40.0                                                                             | 3.5                                                                               | 4.0                                                                               | 3.9                                                                               | 3.3                                                                               | 2.6          | 2.3               | 2.6             | 2.3 | 2.2 | 2.1             | 1.8 | 1.6 |
| 44.0                                                                             | 2.6                                                                               | 3.0                                                                               | 3.2                                                                               | 3.0                                                                               | 2.5          | 2.2               | 2.5             | 2.2 | 2.0 | 2.0             | 1.7 | 1.5 |
| 48.0                                                                             | 1.9                                                                               | 2.2                                                                               | 2.4                                                                               | 2.3                                                                               | 2.4          | 2.1               | 2.3             | 2.0 | 1.9 | 1.8             | 1.6 | 1.4 |
| 52.0                                                                             | 1.3                                                                               | 1.6                                                                               |                                                                                   | 1.7                                                                               | 2.0          | 2.1               | 1.8             | 1.9 | 1.8 | 1.7             | 1.5 | 1.4 |
| 56.0                                                                             |                                                                                   | 1.0                                                                               |                                                                                   | 1.2                                                                               | 1.5          | 1.6               | 1.3             | 1.7 | 1.7 | 1.4             | 1.4 | 1.3 |
| 60.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 1.0          |                   |                 | 1.2 | 1.5 | 1.0             | 1.3 | 1.2 |
| 64.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |              |                   |                 |     | 1.0 |                 | 1.0 | 1.1 |
| 68.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |              |                   |                 |     |     |                 |     | 0.9 |

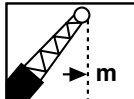
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |     |     |                 |     |     |                 |     |     |                 |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
| <div><div></div><div></div><div><div>HYDRO</div></div><div><div>7.5m</div></div><div><div>360°</div></div><div><div>31.7t</div></div><div><div>DIN/ISO/EN</div></div></div> |                 |     |     |                 |     |     |                 |     |     |                 |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 60.0 m + 10.2 m |     |     | 60.0 m + 18.0 m |     |     | 60.0 m + 25.0 m |     |     | 60.0 m + 32.0 m |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.7             |     |     |                 |     |     |                 |     |     |                 |     |     |
| 14.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.7             |     |     | 3.6             |     |     |                 |     |     |                 |     |     |
| 16.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.7             | 5.7 |     | 3.6             |     |     | 2.7             |     |     |                 |     |     |
| 18.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.7             | 5.6 |     | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.7             | 5.4 | 5.0 | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 22.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.7             | 5.1 | 4.8 | 3.6             | 3.3 |     | 2.7             |     |     | 2.0             |     |     |
| 24.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.4             | 4.9 | 4.6 | 3.6             | 3.2 |     | 2.7             |     |     | 2.0             |     |     |
| 26.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.2             | 4.7 | 4.5 | 3.6             | 3.1 | 2.6 | 2.7             | 2.7 |     | 2.0             |     |     |
| 28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.0             | 4.5 | 4.3 | 3.6             | 3.0 | 2.5 | 2.7             | 2.7 |     | 2.0             |     |     |
| 30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.7             | 4.4 | 4.2 | 3.6             | 2.9 | 2.4 | 2.7             | 2.6 |     | 2.0             | 1.9 |     |
| 32.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.5             | 4.2 | 4.0 | 3.6             | 2.8 | 2.4 | 2.7             | 2.5 | 2.3 | 2.0             | 1.9 |     |
| 34.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.4             | 4.1 | 3.9 | 3.4             | 2.7 | 2.3 | 2.7             | 2.4 | 2.3 | 2.0             | 1.8 |     |
| 36.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.2             | 4.0 | 3.8 | 3.3             | 2.7 | 2.3 | 2.6             | 2.3 | 2.2 | 2.0             | 1.8 |     |
| 38.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.0             | 3.8 | 3.7 | 3.2             | 2.6 | 2.2 | 2.5             | 2.3 | 2.1 | 2.0             | 1.8 | 1.6 |
| 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.5             | 3.7 | 3.6 | 3.1             | 2.6 | 2.2 | 2.4             | 2.2 | 2.0 | 1.9             | 1.7 | 1.6 |
| 44.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.6             | 3.0 | 3.2 | 2.9             | 2.4 | 2.1 | 2.3             | 2.0 | 1.9 | 1.8             | 1.6 | 1.5 |
| 48.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.8             | 2.2 | 2.4 | 2.2             | 2.3 | 2.1 | 2.1             | 1.9 | 1.8 | 1.7             | 1.5 | 1.4 |
| 52.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.2             | 1.6 | 1.7 | 1.6             | 2.0 | 2.1 | 1.7             | 1.7 | 1.7 | 1.6             | 1.4 | 1.3 |
| 56.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 | 1.0 |     | 1.1             | 1.4 | 1.6 | 1.2             | 1.6 | 1.5 | 1.3             | 1.3 | 1.2 |
| 60.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |     |     |                 | 0.9 | 1.1 |                 | 1.2 | 1.4 |                 | 1.2 | 1.1 |
| 64.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |     |     |                 |     |     |                 |     | 0.9 |                 | 1.0 | 1.0 |
| 68.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |     |     |                 |     |     |                 |     |     |                 |     | 0.9 |

Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

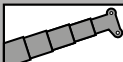
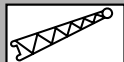
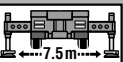
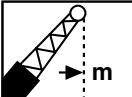


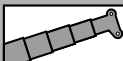
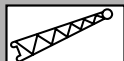
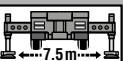
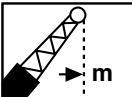
|  m | 43.0 m + 10.2 m |      |     | 43.0 m + 18.0 m |     |     | 43.0 m + 25.0 m |     |     | 43.0 m + 32.0 m |     |     |
|------------------------------------------------------------------------------------|-----------------|------|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
|                                                                                    | 0°              | 20°  | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 8.0                                                                                | 10.6            |      |     |                 |     |     |                 |     |     |                 |     |     |
| 9.0                                                                                | 10.6            |      |     |                 |     |     |                 |     |     |                 |     |     |
| 10.0                                                                               | 10.6            |      |     | 5.5             |     |     |                 |     |     |                 |     |     |
| 11.0                                                                               | 10.6            |      |     | 5.5             |     |     | 3.8             |     |     |                 |     |     |
| 12.0                                                                               | 10.6            | 10.1 |     | 5.5             |     |     | 3.8             |     |     | 2.7             |     |     |
| 14.0                                                                               | 10.6            | 9.4  | 8.2 | 5.5             |     |     | 3.8             |     |     | 2.7             |     |     |
| 16.0                                                                               | 10.5            | 8.9  | 7.7 | 5.5             | 4.1 |     | 3.8             |     |     | 2.7             |     |     |
| 18.0                                                                               | 9.9             | 8.3  | 7.4 | 5.4             | 3.9 |     | 3.8             |     |     | 2.7             |     |     |
| 20.0                                                                               | 9.3             | 7.9  | 7.1 | 5.2             | 3.7 | 3.0 | 3.8             | 3.6 |     | 2.7             |     |     |
| 22.0                                                                               | 8.8             | 7.5  | 6.8 | 4.9             | 3.6 | 2.9 | 3.8             | 3.5 |     | 2.7             |     |     |
| 24.0                                                                               | 7.5             | 7.2  | 6.5 | 4.7             | 3.4 | 2.8 | 3.8             | 3.4 |     | 2.7             | 2.6 |     |
| 26.0                                                                               | 6.3             | 6.9  | 6.3 | 4.5             | 3.3 | 2.7 | 3.8             | 3.3 | 2.7 | 2.7             | 2.5 |     |
| 28.0                                                                               | 5.3             | 5.8  | 6.1 | 4.3             | 3.2 | 2.7 | 3.7             | 3.2 | 2.6 | 2.7             | 2.4 |     |
| 30.0                                                                               | 4.4             | 4.9  | 5.3 | 4.1             | 3.1 | 2.6 | 3.7             | 3.1 | 2.5 | 2.7             | 2.3 |     |
| 32.0                                                                               | 3.7             | 4.1  | 4.5 | 3.9             | 3.0 | 2.6 | 3.6             | 3.0 | 2.4 | 2.7             | 2.3 | 1.8 |
| 34.0                                                                               | 3.1             | 3.5  | 3.7 | 3.7             | 2.9 | 2.5 | 3.5             | 2.9 | 2.4 | 2.7             | 2.2 | 1.7 |
| 36.0                                                                               | 2.5             | 2.9  | 3.1 | 3.1             | 2.8 | 2.5 | 3.4             | 2.8 | 2.3 | 2.6             | 2.1 | 1.6 |
| 38.0                                                                               | 2.0             | 2.3  | 2.5 | 2.6             | 2.7 | 2.4 | 2.9             | 2.7 | 2.2 | 2.5             | 2.1 | 1.6 |
| 40.0                                                                               | 1.6             | 1.9  | 2.0 | 2.2             | 2.7 | 2.4 | 2.4             | 2.6 | 2.2 | 2.4             | 2.0 | 1.5 |
| 44.0                                                                               | 0.9             | 1.1  |     | 1.4             | 1.9 | 2.2 | 1.7             | 2.3 | 2.1 | 1.9             | 1.8 | 1.5 |
| 48.0                                                                               |                 |      |     |                 | 1.2 | 1.4 | 1.1             | 1.6 | 2.0 | 1.3             | 1.7 | 1.4 |
| 52.0                                                                               |                 |      |     |                 |     |     |                 | 1.0 | 1.3 |                 | 1.4 | 1.3 |
| 56.0                                                                               |                 |      |     |                 |     |     |                 |     |     |                 | 0.9 | 1.3 |



|  m | 56.0 m + 10.2 m |     |     | 56.0 m + 18.0 m |     |     | 56.0 m + 25.0 m |     |     | 56.0 m + 32.0 m |     |     |
|--------------------------------------------------------------------------------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
|                                                                                      | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                                 | 6.4             |     |     |                 |     |     |                 |     |     |                 |     |     |
| 14.0                                                                                 | 6.4             |     |     | 3.9             |     |     | 2.9             |     |     |                 |     |     |
| 16.0                                                                                 | 6.4             | 6.4 |     | 3.9             |     |     | 2.9             |     |     | 2.1             |     |     |
| 18.0                                                                                 | 6.4             | 6.1 | 5.7 | 3.9             |     |     | 2.9             |     |     | 2.1             |     |     |
| 20.0                                                                                 | 6.4             | 5.8 | 5.4 | 3.9             | 3.5 |     | 2.9             |     |     | 2.1             |     |     |
| 22.0                                                                                 | 6.2             | 5.5 | 5.2 | 3.9             | 3.4 |     | 2.9             |     |     | 2.1             |     |     |
| 24.0                                                                                 | 5.9             | 5.3 | 5.0 | 3.9             | 3.3 | 2.7 | 2.9             | 2.9 |     | 2.1             |     |     |
| 26.0                                                                                 | 5.6             | 5.1 | 4.8 | 3.9             | 3.2 | 2.6 | 2.9             | 2.9 |     | 2.1             |     |     |
| 28.0                                                                                 | 5.4             | 4.9 | 4.6 | 3.9             | 3.0 | 2.5 | 2.9             | 2.9 |     | 2.1             |     |     |
| 30.0                                                                                 | 4.8             | 4.7 | 4.5 | 3.9             | 3.0 | 2.5 | 2.9             | 2.8 | 2.5 | 2.1             | 2.0 |     |
| 32.0                                                                                 | 4.1             | 4.6 | 4.3 | 3.8             | 2.9 | 2.4 | 2.9             | 2.7 | 2.4 | 2.1             | 2.0 |     |
| 34.0                                                                                 | 3.4             | 4.0 | 4.2 | 3.7             | 2.8 | 2.4 | 2.9             | 2.6 | 2.4 | 2.1             | 1.9 |     |
| 36.0                                                                                 | 2.9             | 3.4 | 3.7 | 3.3             | 2.7 | 2.3 | 2.8             | 2.5 | 2.3 | 2.1             | 1.9 |     |
| 38.0                                                                                 | 2.4             | 2.9 | 3.2 | 2.8             | 2.6 | 2.3 | 2.7             | 2.4 | 2.2 | 2.1             | 1.8 | 1.6 |
| 40.0                                                                                 | 2.0             | 2.4 | 2.6 | 2.4             | 2.6 | 2.3 | 2.5             | 2.3 | 2.2 | 2.1             | 1.8 | 1.6 |
| 44.0                                                                                 | 1.2             | 1.6 | 1.8 | 1.6             | 2.1 | 2.2 | 1.8             | 2.2 | 2.0 | 1.9             | 1.7 | 1.5 |
| 48.0                                                                                 |                 | 1.0 | 1.1 | 1.0             | 1.4 | 1.8 | 1.1             | 1.8 | 1.9 | 1.3             | 1.6 | 1.4 |
| 52.0                                                                                 |                 |     |     |                 | 0.9 | 1.1 |                 | 1.2 | 1.6 |                 | 1.5 | 1.4 |
| 56.0                                                                                 |                 |     |     |                 |     |     |                 |     | 1.0 |                 | 0.9 | 1.3 |
| 60.0                                                                                 |                 |     |     |                 |     |     |                 |     |     |                 |     | 0.9 |

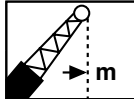
Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

|                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |              |                   |                 |     |     |                 |     |     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-------------------|-----------------|-----|-----|-----------------|-----|-----|
|  |  |  |  |  | <b>21.7t</b> | <b>DIN/ISO/EN</b> |                 |     |     |                 |     |     |
|  | 60.0 m + 10.2 m                                                                   |                                                                                   |                                                                                   | 60.0 m + 18.0 m                                                                   |              |                   | 60.0 m + 25.0 m |     |     | 60.0 m + 32.0 m |     |     |
|                                                                                  | 0°                                                                                | 20°                                                                               | 40°                                                                               | 0°                                                                                | 20°          | 40°               | 0°              | 20° | 40° | 0°              | 20° | 40° |
|                                                                                  | 12.0                                                                              | 5.7                                                                               |                                                                                   |                                                                                   |              |                   |                 |     |     |                 |     |     |
|                                                                                  | 14.0                                                                              | 5.7                                                                               |                                                                                   | 3.6                                                                               |              |                   |                 |     |     |                 |     |     |
|                                                                                  | 16.0                                                                              | 5.7                                                                               | 5.7                                                                               | 3.6                                                                               |              |                   | 2.7             |     |     |                 |     |     |
|                                                                                  | 18.0                                                                              | 5.7                                                                               | 5.6                                                                               | 3.6                                                                               |              |                   | 2.7             |     |     | 2.0             |     |     |
|                                                                                  | 20.0                                                                              | 5.7                                                                               | 5.4                                                                               | 3.6                                                                               |              |                   | 2.7             |     |     | 2.0             |     |     |
|                                                                                  | 22.0                                                                              | 5.7                                                                               | 5.1                                                                               | 4.8                                                                               | 3.6          | 3.3               | 2.7             |     |     | 2.0             |     |     |
|                                                                                  | 24.0                                                                              | 5.4                                                                               | 4.9                                                                               | 4.6                                                                               | 3.6          | 3.2               | 2.7             |     |     | 2.0             |     |     |
|                                                                                  | 26.0                                                                              | 5.2                                                                               | 4.7                                                                               | 4.5                                                                               | 3.6          | 3.1               | 2.6             | 2.7 | 2.7 | 2.0             |     |     |
|                                                                                  | 28.0                                                                              | 5.0                                                                               | 4.5                                                                               | 4.3                                                                               | 3.6          | 3.0               | 2.5             | 2.7 | 2.7 | 2.0             |     |     |
|                                                                                  | 30.0                                                                              | 4.7                                                                               | 4.4                                                                               | 4.2                                                                               | 3.6          | 2.9               | 2.4             | 2.7 | 2.6 | 2.0             | 1.9 |     |
|                                                                                  | 32.0                                                                              | 4.0                                                                               | 4.2                                                                               | 4.0                                                                               | 3.6          | 2.8               | 2.4             | 2.7 | 2.5 | 2.3             | 2.0 | 1.9 |
|                                                                                  | 34.0                                                                              | 3.4                                                                               | 4.0                                                                               | 3.9                                                                               | 3.4          | 2.7               | 2.3             | 2.7 | 2.4 | 2.3             | 2.0 | 1.8 |
| 36.0                                                                             | 2.8                                                                               | 3.4                                                                               | 3.7                                                                               | 3.2                                                                               | 2.7          | 2.3               | 2.6             | 2.3 | 2.2 | 2.0             | 1.8 |     |
| 38.0                                                                             | 2.3                                                                               | 2.9                                                                               | 3.1                                                                               | 2.7                                                                               | 2.6          | 2.2               | 2.5             | 2.3 | 2.1 | 2.0             | 1.8 | 1.6 |
| 40.0                                                                             | 1.9                                                                               | 2.4                                                                               | 2.6                                                                               | 2.3                                                                               | 2.6          | 2.2               | 2.4             | 2.2 | 2.0 | 1.9             | 1.7 | 1.6 |
| 44.0                                                                             | 1.2                                                                               | 1.6                                                                               | 1.8                                                                               | 1.5                                                                               | 2.1          | 2.1               | 1.7             | 2.0 | 1.9 | 1.8             | 1.6 | 1.5 |
| 48.0                                                                             |                                                                                   | 0.9                                                                               | 1.1                                                                               | 0.9                                                                               | 1.4          | 1.7               | 1.0             | 1.7 | 1.8 | 1.2             | 1.5 | 1.4 |
| 52.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |              | 1.1               |                 | 1.1 | 1.5 |                 | 1.4 | 1.3 |
| 56.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |              |                   |                 |     | 0.9 |                 | 0.9 | 1.2 |
| 60.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |              |                   |                 |     |     |                 |     | 0.9 |

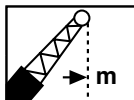
|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |              |                   |                        |            |            |                        |            |            |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|-------------------|------------------------|------------|------------|------------------------|------------|------------|
|  |  |  |  |  | <b>12.8t</b> | <b>DIN/ISO/EN</b> |                        |            |            |                        |            |            |
|  | <b>43.0 m + 10.2 m</b>                                                              |                                                                                     |                                                                                     | <b>43.0 m + 18.0 m</b>                                                              |              |                   | <b>43.0 m + 25.0 m</b> |            |            | <b>43.0 m + 32.0 m</b> |            |            |
|                                                                                    | <b>0°</b>                                                                           | <b>20°</b>                                                                          | <b>40°</b>                                                                          | <b>0°</b>                                                                           | <b>20°</b>   | <b>40°</b>        | <b>0°</b>              | <b>20°</b> | <b>40°</b> | <b>0°</b>              | <b>20°</b> | <b>40°</b> |
| 8.0                                                                                | 10.6                                                                                |                                                                                     |                                                                                     |                                                                                     |              |                   |                        |            |            |                        |            |            |
| 9.0                                                                                | 10.6                                                                                |                                                                                     |                                                                                     |                                                                                     |              |                   |                        |            |            |                        |            |            |
| 10.0                                                                               | 10.6                                                                                |                                                                                     |                                                                                     | 5.5                                                                                 |              |                   |                        |            |            |                        |            |            |
| 11.0                                                                               | 10.6                                                                                |                                                                                     |                                                                                     | 5.5                                                                                 |              |                   | 3.8                    |            |            |                        |            |            |
| 12.0                                                                               | 10.6                                                                                | 10.1                                                                                |                                                                                     | 5.5                                                                                 |              |                   | 3.8                    |            |            | 2.7                    |            |            |
| 14.0                                                                               | 10.6                                                                                | 9.4                                                                                 | 8.2                                                                                 | 5.5                                                                                 |              |                   | 3.8                    |            |            | 2.7                    |            |            |
| 16.0                                                                               | 10.5                                                                                | 8.9                                                                                 | 7.7                                                                                 | 5.5                                                                                 | 4.1          |                   | 3.8                    |            |            | 2.7                    |            |            |
| 18.0                                                                               | 9.3                                                                                 | 8.3                                                                                 | 7.4                                                                                 | 5.4                                                                                 | 3.9          |                   | 3.8                    |            |            | 2.7                    |            |            |
| 20.0                                                                               | 7.7                                                                                 | 7.9                                                                                 | 7.1                                                                                 | 5.2                                                                                 | 3.7          | 3.0               | 3.8                    | 3.6        |            | 2.7                    |            |            |
| 22.0                                                                               | 6.2                                                                                 | 7.0                                                                                 | 6.8                                                                                 | 4.9                                                                                 | 3.6          | 2.9               | 3.8                    | 3.5        |            | 2.7                    |            |            |
| 24.0                                                                               | 5.0                                                                                 | 5.7                                                                                 | 6.3                                                                                 | 4.7                                                                                 | 3.4          | 2.8               | 3.8                    | 3.4        |            | 2.7                    | 2.6        |            |
| 26.0                                                                               | 4.0                                                                                 | 4.7                                                                                 | 5.2                                                                                 | 4.5                                                                                 | 3.3          | 2.7               | 3.8                    | 3.3        | 2.7        | 2.7                    | 2.5        |            |
| 28.0                                                                               | 3.2                                                                                 | 3.8                                                                                 | 4.2                                                                                 | 3.9                                                                                 | 3.2          | 2.7               | 3.7                    | 3.2        | 2.6        | 2.7                    | 2.4        |            |
| 30.0                                                                               | 2.5                                                                                 | 3.0                                                                                 | 3.4                                                                                 | 3.2                                                                                 | 3.1          | 2.6               | 3.5                    | 3.1        | 2.5        | 2.7                    | 2.3        |            |
| 32.0                                                                               | 1.9                                                                                 | 2.4                                                                                 | 2.7                                                                                 | 2.6                                                                                 | 3.0          | 2.6               | 2.9                    | 3.0        | 2.4        | 2.7                    | 2.3        | 1.8        |
| 34.0                                                                               | 1.4                                                                                 | 1.8                                                                                 | 2.1                                                                                 | 2.0                                                                                 | 2.8          | 2.5               | 2.3                    | 2.9        | 2.4        | 2.6                    | 2.2        | 1.7        |
| 36.0                                                                               | 1.0                                                                                 | 1.3                                                                                 | 1.6                                                                                 | 1.6                                                                                 | 2.3          | 2.5               | 1.8                    | 2.8        | 2.3        | 2.1                    | 2.1        | 1.6        |
| 38.0                                                                               |                                                                                     | 0.9                                                                                 | 1.1                                                                                 | 1.2                                                                                 | 1.8          | 2.3               | 1.4                    | 2.3        | 2.2        | 1.7                    | 2.1        | 1.6        |
| 40.0                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 1.4          | 1.8               | 1.1                    | 1.8        | 2.2        | 1.3                    | 2.0        | 1.5        |
| 44.0                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |              | 1.0               |                        | 1.1        | 1.6        |                        | 1.6        | 1.5        |
| 48.0                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |              |                   |                        |            | 0.9        |                        | 0.9        | 1.4        |
| 52.0                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |              |                   |                        |            |            |                        |            | 0.9        |

Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

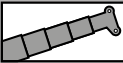
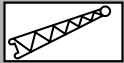
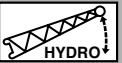
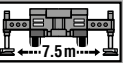
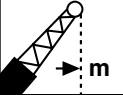


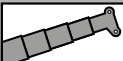
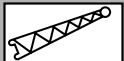
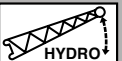
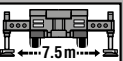
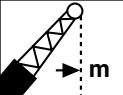
|  | 56.0 m + 10.2 m |     |     | 56.0 m + 18.0 m |     |     | 56.0 m + 25.0 m |     |     | 56.0 m + 32.0 m |     |     |
|----------------------------------------------------------------------------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
|                                                                                  | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                             | 6.4             |     |     |                 |     |     |                 |     |     |                 |     |     |
| 14.0                                                                             | 6.4             |     |     | 3.9             |     |     | 2.9             |     |     |                 |     |     |
| 16.0                                                                             | 6.4             | 6.4 |     | 3.9             |     |     | 2.9             |     |     | 2.1             |     |     |
| 18.0                                                                             | 6.4             | 6.1 | 5.7 | 3.9             |     |     | 2.9             |     |     | 2.1             |     |     |
| 20.0                                                                             | 6.4             | 5.8 | 5.4 | 3.9             | 3.5 |     | 2.9             |     |     | 2.1             |     |     |
| 22.0                                                                             | 6.2             | 5.5 | 5.2 | 3.9             | 3.4 |     | 2.9             |     |     | 2.1             |     |     |
| 24.0                                                                             | 5.4             | 5.3 | 5.0 | 3.9             | 3.3 | 2.7 | 2.9             | 2.9 |     | 2.1             |     |     |
| 26.0                                                                             | 4.4             | 5.1 | 4.8 | 3.9             | 3.2 | 2.6 | 2.9             | 2.9 |     | 2.1             |     |     |
| 28.0                                                                             | 3.6             | 4.4 | 4.6 | 3.9             | 3.0 | 2.5 | 2.9             | 2.9 |     | 2.1             |     |     |
| 30.0                                                                             | 2.9             | 3.6 | 4.0 | 3.4             | 3.0 | 2.5 | 2.9             | 2.8 | 2.5 | 2.1             | 2.0 |     |
| 32.0                                                                             | 2.3             | 3.0 | 3.3 | 2.8             | 2.9 | 2.4 | 2.9             | 2.7 | 2.4 | 2.1             | 2.0 |     |
| 34.0                                                                             | 1.8             | 2.4 | 2.7 | 2.2             | 2.8 | 2.4 | 2.4             | 2.6 | 2.4 | 2.1             | 1.9 |     |
| 36.0                                                                             | 1.3             | 1.9 | 2.2 | 1.8             | 2.5 | 2.3 | 1.9             | 2.5 | 2.3 | 2.1             | 1.9 |     |
| 38.0                                                                             | 0.9             | 1.4 | 1.7 | 1.4             | 2.0 | 2.3 | 1.5             | 2.4 | 2.2 | 1.7             | 1.8 | 1.6 |
| 40.0                                                                             |                 | 1.1 | 1.3 | 1.0             | 1.6 | 2.1 | 1.2             | 2.0 | 2.2 | 1.3             | 1.8 | 1.6 |
| 44.0                                                                             |                 |     |     |                 | 0.9 | 1.3 |                 | 1.2 | 1.8 |                 | 1.6 | 1.5 |
| 48.0                                                                             |                 |     |     |                 |     |     |                 |     | 1.1 |                 |     | 1.4 |



|  | 60.0 m + 10.2 m |     |     | 60.0 m + 18.0 m |     |     | 60.0 m + 25.0 m |     |     | 60.0 m + 32.0 m |     |     |
|------------------------------------------------------------------------------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
|                                                                                    | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                               | 5.7             |     |     |                 |     |     |                 |     |     |                 |     |     |
| 14.0                                                                               | 5.7             |     |     | 3.6             |     |     |                 |     |     |                 |     |     |
| 16.0                                                                               | 5.7             | 5.7 |     | 3.6             |     |     | 2.7             |     |     |                 |     |     |
| 18.0                                                                               | 5.7             | 5.6 |     | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 20.0                                                                               | 5.7             | 5.4 | 5.0 | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 22.0                                                                               | 5.7             | 5.1 | 4.8 | 3.6             | 3.3 |     | 2.7             |     |     | 2.0             |     |     |
| 24.0                                                                               | 5.2             | 4.9 | 4.6 | 3.6             | 3.2 |     | 2.7             |     |     | 2.0             |     |     |
| 26.0                                                                               | 4.4             | 4.7 | 4.5 | 3.6             | 3.1 | 2.6 | 2.7             | 2.7 |     | 2.0             |     |     |
| 28.0                                                                               | 3.6             | 4.3 | 4.3 | 3.6             | 3.0 | 2.5 | 2.7             | 2.7 |     | 2.0             |     |     |
| 30.0                                                                               | 2.8             | 3.6 | 4.0 | 3.3             | 2.9 | 2.4 | 2.7             | 2.6 |     | 2.0             | 1.9 |     |
| 32.0                                                                               | 2.3             | 2.9 | 3.3 | 2.7             | 2.8 | 2.4 | 2.7             | 2.5 | 2.3 | 2.0             | 1.9 |     |
| 34.0                                                                               | 1.7             | 2.4 | 2.7 | 2.2             | 2.7 | 2.3 | 2.3             | 2.4 | 2.3 | 2.0             | 1.8 |     |
| 36.0                                                                               | 1.3             | 1.8 | 2.2 | 1.7             | 2.4 | 2.3 | 1.8             | 2.3 | 2.2 | 2.0             | 1.8 |     |
| 38.0                                                                               | 0.9             | 1.4 | 1.7 | 1.3             | 2.0 | 2.2 | 1.4             | 2.3 | 2.1 | 1.6             | 1.8 | 1.6 |
| 40.0                                                                               |                 | 1.0 | 1.3 |                 | 1.6 | 2.0 |                 | 1.9 | 2.0 |                 | 1.7 | 1.6 |
| 44.0                                                                               |                 |     |     |                 |     | 1.3 |                 | 1.2 | 1.8 |                 | 1.5 | 1.5 |
| 48.0                                                                               |                 |     |     |                 |     |     |                 |     |     |                 |     | 1.4 |

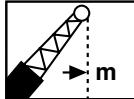
Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

|  |  |  |  |  | <b>9.4t</b> | <b>DIN/ISO/EN</b> |                 |     |     |                 |     |     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-------------------|-----------------|-----|-----|-----------------|-----|-----|
|  | 43.0 m + 10.2 m                                                                   |                                                                                   |                                                                                   | 43.0 m + 18.0 m                                                                   |             |                   | 43.0 m + 25.0 m |     |     | 43.0 m + 32.0 m |     |     |
|                                                                                  | 0°                                                                                | 20°                                                                               | 40°                                                                               | 0°                                                                                | 20°         | 40°               | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 8.0                                                                              | 10.6                                                                              |                                                                                   |                                                                                   |                                                                                   |             |                   |                 |     |     |                 |     |     |
| 9.0                                                                              | 10.6                                                                              |                                                                                   |                                                                                   |                                                                                   |             |                   |                 |     |     |                 |     |     |
| 10.0                                                                             | 10.6                                                                              |                                                                                   |                                                                                   | 5.5                                                                               |             |                   |                 |     |     |                 |     |     |
| 11.0                                                                             | 10.6                                                                              |                                                                                   |                                                                                   | 5.5                                                                               |             |                   | 3.8             |     |     |                 |     |     |
| 12.0                                                                             | 10.6                                                                              | 10.1                                                                              |                                                                                   | 5.5                                                                               |             |                   | 3.8             |     |     | 2.7             |     |     |
| 14.0                                                                             | 10.6                                                                              | 9.4                                                                               | 8.2                                                                               | 5.5                                                                               |             |                   | 3.8             |     |     | 2.7             |     |     |
| 16.0                                                                             | 9.7                                                                               | 8.9                                                                               | 7.7                                                                               | 5.5                                                                               | 4.1         |                   | 3.8             |     |     | 2.7             |     |     |
| 18.0                                                                             | 8.0                                                                               | 8.3                                                                               | 7.4                                                                               | 5.4                                                                               | 3.9         |                   | 3.8             |     |     | 2.7             |     |     |
| 20.0                                                                             | 6.5                                                                               | 7.4                                                                               | 7.1                                                                               | 5.2                                                                               | 3.7         | 3.0               | 3.8             | 3.6 |     | 2.7             |     |     |
| 22.0                                                                             | 5.2                                                                               | 6.0                                                                               | 6.6                                                                               | 4.9                                                                               | 3.6         | 2.9               | 3.8             | 3.5 |     | 2.7             |     |     |
| 24.0                                                                             | 4.1                                                                               | 4.8                                                                               | 5.4                                                                               | 4.7                                                                               | 3.4         | 2.8               | 3.8             | 3.4 |     | 2.7             | 2.6 |     |
| 26.0                                                                             | 3.2                                                                               | 3.8                                                                               | 4.3                                                                               | 3.9                                                                               | 3.3         | 2.7               | 3.8             | 3.3 | 2.7 | 2.7             | 2.5 |     |
| 28.0                                                                             | 2.4                                                                               | 3.0                                                                               | 3.4                                                                               | 3.1                                                                               | 3.2         | 2.7               | 3.4             | 3.2 | 2.6 | 2.7             | 2.4 |     |
| 30.0                                                                             | 1.8                                                                               | 2.3                                                                               | 2.7                                                                               | 2.5                                                                               | 3.1         | 2.6               | 2.7             | 3.1 | 2.5 | 2.7             | 2.3 |     |
| 32.0                                                                             | 1.2                                                                               | 1.7                                                                               | 2.0                                                                               | 1.9                                                                               | 2.7         | 2.6               | 2.2             | 3.0 | 2.4 | 2.4             | 2.3 | 1.8 |
| 34.0                                                                             |                                                                                   | 1.2                                                                               | 1.5                                                                               | 1.4                                                                               | 2.2         | 2.5               | 1.7             | 2.7 | 2.4 | 2.0             | 2.2 | 1.7 |
| 36.0                                                                             |                                                                                   |                                                                                   | 1.0                                                                               | 1.0                                                                               | 1.7         | 2.2               | 1.3             | 2.2 | 2.3 | 1.5             | 2.1 | 1.6 |
| 38.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 1.2         | 1.7               | 0.9             | 1.7 | 2.2 | 1.1             | 2.1 | 1.6 |
| 40.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |             | 1.2               |                 | 1.3 | 2.0 |                 | 1.8 | 1.5 |
| 44.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |             |                   |                 |     | 1.1 |                 | 1.1 | 1.5 |
| 48.0                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |             |                   |                 |     |     |                 |     | 1.1 |

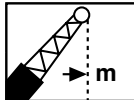
|  |  |  |  |  | <b>9.4t</b> | <b>DIN/ISO/EN</b> |                 |     |     |                 |     |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|-------------------|-----------------|-----|-----|-----------------|-----|-----|
|  | 56.0 m + 10.2 m                                                                     |                                                                                     |                                                                                     | 56.0 m + 18.0 m                                                                     |             |                   | 56.0 m + 25.0 m |     |     | 56.0 m + 32.0 m |     |     |
|                                                                                    | 0°                                                                                  | 20°                                                                                 | 40°                                                                                 | 0°                                                                                  | 20°         | 40°               | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                               | 6.4                                                                                 |                                                                                     |                                                                                     |                                                                                     |             |                   |                 |     |     |                 |     |     |
| 14.0                                                                               | 6.4                                                                                 |                                                                                     |                                                                                     | 3.9                                                                                 |             |                   | 2.9             |     |     |                 |     |     |
| 16.0                                                                               | 6.4                                                                                 | 6.4                                                                                 |                                                                                     | 3.9                                                                                 |             |                   | 2.9             |     |     | 2.1             |     |     |
| 18.0                                                                               | 6.4                                                                                 | 6.1                                                                                 | 5.7                                                                                 | 3.9                                                                                 |             |                   | 2.9             |     |     | 2.1             |     |     |
| 20.0                                                                               | 6.4                                                                                 | 5.8                                                                                 | 5.4                                                                                 | 3.9                                                                                 | 3.5         |                   | 2.9             |     |     | 2.1             |     |     |
| 22.0                                                                               | 5.4                                                                                 | 5.5                                                                                 | 5.2                                                                                 | 3.9                                                                                 | 3.4         |                   | 2.9             |     |     | 2.1             |     |     |
| 24.0                                                                               | 4.5                                                                                 | 5.2                                                                                 | 5.0                                                                                 | 3.9                                                                                 | 3.3         | 2.7               | 2.9             | 2.9 |     | 2.1             |     |     |
| 26.0                                                                               | 3.6                                                                                 | 4.4                                                                                 | 4.8                                                                                 | 3.9                                                                                 | 3.2         | 2.6               | 2.9             | 2.9 |     | 2.1             |     |     |
| 28.0                                                                               | 2.8                                                                                 | 3.6                                                                                 | 4.0                                                                                 | 3.3                                                                                 | 3.0         | 2.5               | 2.9             | 2.9 |     | 2.1             |     |     |
| 30.0                                                                               | 2.2                                                                                 | 2.9                                                                                 | 3.3                                                                                 | 2.7                                                                                 | 3.0         | 2.5               | 2.8             | 2.8 | 2.5 | 2.1             | 2.0 |     |
| 32.0                                                                               | 1.6                                                                                 | 2.3                                                                                 | 2.6                                                                                 | 2.1                                                                                 | 2.9         | 2.4               | 2.3             | 2.7 | 2.4 | 2.1             | 2.0 |     |
| 34.0                                                                               | 1.2                                                                                 | 1.8                                                                                 | 2.1                                                                                 | 1.6                                                                                 | 2.4         | 2.4               | 1.8             | 2.6 | 2.4 | 1.9             | 1.9 |     |
| 36.0                                                                               |                                                                                     | 1.3                                                                                 | 1.6                                                                                 | 1.2                                                                                 | 1.9         | 2.3               | 1.3             | 2.3 | 2.3 | 1.5             | 1.9 |     |
| 38.0                                                                               |                                                                                     | 0.9                                                                                 | 1.2                                                                                 |                                                                                     | 1.5         | 2.0               |                 | 1.8 | 2.2 |                 | 1.8 |     |
| 40.0                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 1.1         | 1.6               |                 | 1.4 | 2.1 |                 | 1.8 |     |
| 44.0                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |             |                   |                 |     | 1.3 |                 |     |     |

Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

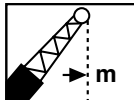


|  | 60.0 m + 10.2 m |     |     | 60.0 m + 18.0 m |     |     | 60.0 m + 25.0 m |     |     | 60.0 m + 32.0 m |     |     |
|----------------------------------------------------------------------------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
|                                                                                  | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                             | 5.7             |     |     |                 |     |     |                 |     |     |                 |     |     |
| 14.0                                                                             | 5.7             |     |     | 3.6             |     |     |                 |     |     |                 |     |     |
| 16.0                                                                             | 5.7             | 5.7 |     | 3.6             |     |     | 2.7             |     |     |                 |     |     |
| 18.0                                                                             | 5.7             | 5.6 |     | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 20.0                                                                             | 5.7             | 5.4 | 5.0 | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 22.0                                                                             | 5.2             | 5.1 | 4.8 | 3.6             | 3.3 |     | 2.7             |     |     | 2.0             |     |     |
| 24.0                                                                             | 4.3             | 4.9 | 4.6 | 3.6             | 3.2 |     | 2.7             |     |     | 2.0             |     |     |
| 26.0                                                                             | 3.5             | 4.2 | 4.5 | 3.6             | 3.1 | 2.6 | 2.7             | 2.7 |     | 2.0             |     |     |
| 28.0                                                                             | 2.8             | 3.5 | 4.0 | 3.1             | 3.0 | 2.5 | 2.7             | 2.7 |     | 2.0             |     |     |
| 30.0                                                                             | 2.1             | 2.8 | 3.3 | 2.6             | 2.9 | 2.4 | 2.6             | 2.6 |     | 2.0             | 1.9 |     |
| 32.0                                                                             | 1.6             | 2.2 | 2.6 | 2.0             | 2.8 | 2.4 | 2.1             | 2.5 | 2.3 | 2.0             | 1.9 |     |
| 34.0                                                                             |                 | 1.7 | 2.0 | 1.5             | 2.3 | 2.3 | 1.7             | 2.4 | 2.3 | 1.8             | 1.8 |     |
| 36.0                                                                             |                 | 1.3 | 1.6 |                 | 1.8 | 2.3 |                 | 2.2 | 2.2 |                 | 1.8 |     |
| 38.0                                                                             |                 |     | 1.1 |                 | 1.4 | 2.0 |                 | 1.8 | 2.1 |                 | 1.8 |     |
| 40.0                                                                             |                 |     |     |                 |     | 1.5 |                 | 1.4 | 2.0 |                 | 1.7 |     |
| 44.0                                                                             |                 |     |     |                 |     |     |                 |     | 1.3 |                 |     |     |



|  | 60.0 m + 10.2 m |     |     | 60.0 m + 18.0 m |     |     | 60.0 m + 25.0 m |     |     | 60.0 m + 32.0 m |     |     |
|------------------------------------------------------------------------------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
|                                                                                    | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                               | 5.7             |     |     |                 |     |     |                 |     |     |                 |     |     |
| 14.0                                                                               | 5.7             |     |     | 3.6             |     |     |                 |     |     |                 |     |     |
| 16.0                                                                               | 5.7             | 5.7 |     | 3.6             |     |     | 2.7             |     |     |                 |     |     |
| 18.0                                                                               | 5.7             | 5.6 |     | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 20.0                                                                               | 5.2             | 5.4 | 5.0 | 3.6             |     |     | 2.7             |     |     | 2.0             |     |     |
| 22.0                                                                               | 4.3             | 5.1 | 4.8 | 3.6             | 3.3 |     | 2.7             |     |     | 2.0             |     |     |
| 24.0                                                                               | 3.4             | 4.2 | 4.6 | 3.6             | 3.2 |     | 2.7             |     |     | 2.0             |     |     |
| 26.0                                                                               | 2.7             | 3.4 | 3.9 | 3.0             | 3.1 | 2.6 | 2.7             | 2.7 |     | 2.0             |     |     |
| 28.0                                                                               | 2.0             | 2.8 | 3.2 | 2.4             | 3.0 | 2.5 | 2.4             | 2.7 |     | 2.0             |     |     |
| 30.0                                                                               | 1.5             | 2.2 | 2.6 | 1.9             | 2.8 | 2.4 | 1.9             | 2.6 |     | 2.0             |     |     |
| 32.0                                                                               |                 | 1.6 | 2.0 |                 | 2.2 | 2.4 |                 | 2.5 | 2.3 |                 |     |     |
| 34.0                                                                               |                 |     | 1.5 |                 | 1.8 | 2.3 |                 | 2.1 | 2.3 |                 |     |     |
| 36.0                                                                               |                 |     |     |                 |     | 1.9 |                 | 1.7 | 2.2 |                 |     |     |
| 38.0                                                                               |                 |     |     |                 |     | 1.4 |                 |     | 2.0 |                 |     |     |
| 40.0                                                                               |                 |     |     |                 |     |     |                 |     | 1.6 |                 |     |     |
| 44.0                                                                               |                 |     |     |                 |     |     |                 |     |     |                 |     |     |



|  | 60.0 m + 10.2 m |     |     | 60.0 m + 18.0 m |     |     | 60.0 m + 25.0 m |     |     | 60.0 m + 32.0 m |     |     |
|------------------------------------------------------------------------------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
|                                                                                    | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° | 0°              | 20° | 40° |
| 12.0                                                                               | 5.7             |     |     |                 |     |     |                 |     |     |                 |     |     |
| 14.0                                                                               | 5.7             |     |     | 3.6             |     |     |                 |     |     |                 |     |     |
| 16.0                                                                               | 5.7             | 5.7 |     | 3.6             |     |     | 2.7             |     |     |                 |     |     |
| 18.0                                                                               | 5.4             | 5.6 |     | 3.6             |     |     | 2.7             |     |     |                 |     |     |
| 20.0                                                                               | 4.3             | 5.2 | 5.0 | 3.6             |     |     | 2.7             |     |     |                 |     |     |
| 22.0                                                                               | 3.4             | 4.2 | 4.8 | 3.6             | 3.3 |     | 2.7             |     |     |                 |     |     |
| 24.0                                                                               | 2.7             | 3.4 | 4.0 | 2.9             | 3.2 |     | 2.7             |     |     |                 |     |     |
| 26.0                                                                               | 2.0             | 2.7 | 3.2 | 2.3             | 3.1 | 2.6 | 2.3             |     |     |                 |     |     |
| 28.0                                                                               |                 | 2.1 | 2.6 |                 | 2.7 | 2.5 |                 |     |     |                 |     |     |
| 30.0                                                                               |                 | 1.6 | 2.0 |                 | 2.1 | 2.4 |                 |     |     |                 |     |     |
| 32.0                                                                               |                 |     |     |                 | 1.7 | 2.4 |                 |     |     |                 |     |     |
| 34.0                                                                               |                 |     |     |                 |     | 1.9 |                 |     |     |                 |     |     |

## Anmerkungen zu den Traglasttabellen Remarks relating to the rating charts Remarques relatives aux tableaux des charges Notas relativas a los graficos de carga

**DIN/ISO/EN**

### Anmerkungen zu den Traglasttabellen

Die Tragfähigkeiten im Festigkeitsbereich basieren auf DIN 15018 Blatt 2 und Blatt 3 und F.E.M.

Die Tragfähigkeiten im Standsicherheitsbereich entsprechen DIN 15019 Teil 2 / ISO 4305 / EN 13000.

In Abhängigkeit der Auslegerlänge sind bei den Traglasttabellen Windgeschwindigkeiten von max. 15 m/s am Teleskopausleger und max. 7 m/s mit der Auslegerverlängerung zulässig.

Die Tragfähigkeiten sind in metrischen Tonnen angegeben.

Das Gewicht des Lasthakens bzw. der Hakenflasche und weiterer Anschlagmittel ist von der Tragfähigkeit abzuziehen.

Die Tragfähigkeiten für den Teleskopausleger gelten nur bei demon- tierter Auslegerverlängerung.

Die Ausladung ist der horizontale Abstand von Mitte Drehkranz bis Mitte freihängender, nicht schwingender Last.

Tragfähigkeitsänderungen vorbehalten.

Obige Angaben dienen nur zur Information. Die Bedienungsanlei- tungen müssen zu Rate gezogen werden, bevor die Maschine in Betrieb genommen wird. Alle hier gemachten Angaben beziehen sich auf die Standard-Ausführung. Jegliche Ausrüstungsverände- rungen können die angegebenen Werte beeinflussen.

### Remarques relatives aux tableaux des charges

Les forces de levage sont conformes aux normes DIN 15018, p. 2 et 3, et F.E.M.

Les forces de levage dans la partie de stabilité au renversement sont conformes aux normes DIN 15019, chap. 2 / ISO 4305 / EN 13000.

Des vitesses de vent sont admissibles entre 7 m/s jusqu'à max 15 m/s en fonction de la longueur de flèche.

Les forces de levage sont données en tonnes métriques.

Le poids du crochet-moufle et de tous les accessoires d'élingage font partie de la charge et sont à déduire des charges indiquées.

Les forces de levage indiquées pour la flèche télescopique s'entendent fléchette déposée.

Comme portée, on entend la distance horizontale du centre de la couronne de rotation au centre de la charge librement suspendue et non oscillante.

Sauf modification de forces de levage.

Les données ci-dessus servent à titre d'information. Avant la mise en marche de la grue il est conseillé d'étudier les instructions de service. Toutes les données indiquées ci-dessus se réfèrent à la machine de base. Tout changement de l'équipement de la grue peut influencer ces valeurs.

### Remarks relating to the rating charts

The lifting capacities in the structural area are based on DIN 15018 parts 2 and 3 and F.E.M.

The lifting capacities in the stability area are based on DIN 15019 part 2 / ISO 4305 / EN 13000.

Maximum admissible wind velocity for working with telescopic boom is 15 m/sec to 7 m/sec depending at boom length and for working with fly jib 7 m/sec.

The lifting capacities are shown in metric tons.

The weight of load handling devices such as hook blocks, slings, etc., must be considered as part of the load and must be deducted from the lifting capacities.

The lifting capacities for the telescopic boom apply to a crane with no boom extensions being stowed or mounted on the crane.

The working radius is the horizontal distance from the centre of rotation to the centre of the freely suspended non-oscillating load.

The lifting capacities are subject to change without prior notice.

The above remarks are for basic information only and the operator's manual must be consulted before operating this crane. All data and performances refer to the standard crane. The addition of optional and other equipment may affect the performance of the crane.

### Notas relativas a los graficos de carga

En cuanto a los datos referentes a resistencia, las capacidades de carga están basados sobre las normas DIN 15018, pág. 2 y 3, y F.E.M.

En cuanto a los datos referentes a estabilidad anti-vuelco, las capacidades de carga están basados sobre las normas DIN 15019, Cap. 2 / ISO 4305 / EN 13000.

En independencia a la longitud de la pluma, están toleradas velocidades de viento de entre 7 m/s y 15 m/s.

Las capacidades de carga indicadas en las tablas corresponden a toneladas métricas.

Hay que deducir los pesos del gancho, eslingas y de otros dispositivos para fijación de cargas de los valores indicados en las tablas.

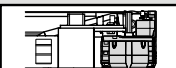
Las capacidades de carga referentes a la pluma telescópica valen solamente si el plumín está desmontada.

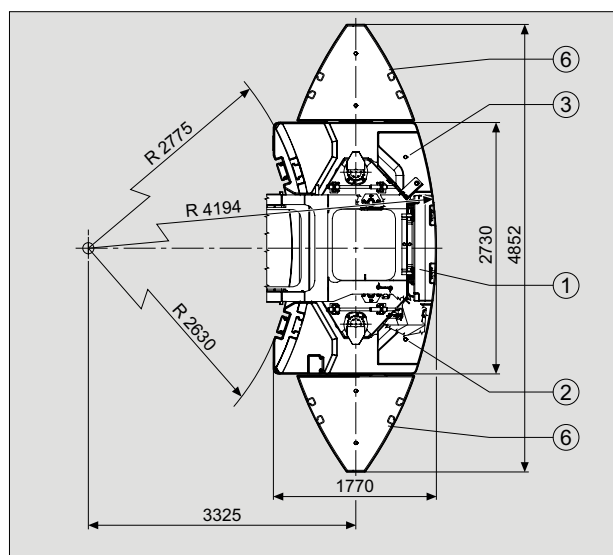
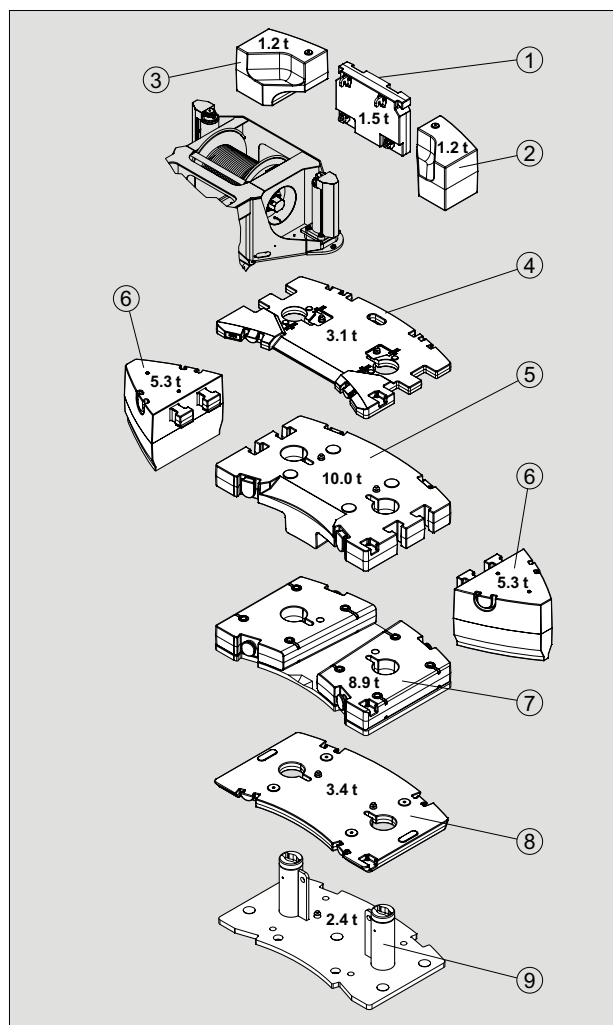
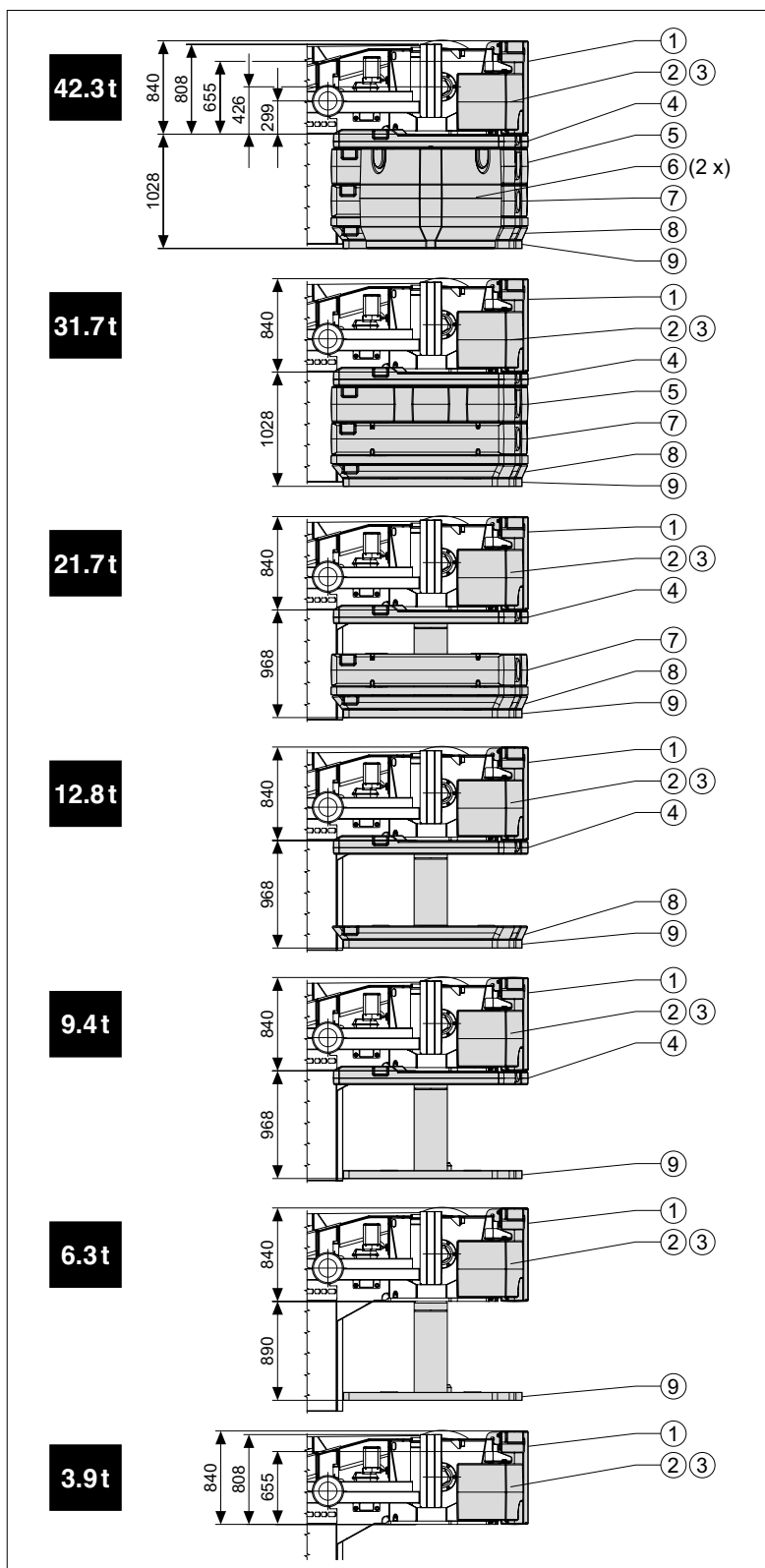
Como alcance se entiende la distancia horizontal desde el centro de la corona de giro hasta el centro de la carga suspendida libremente y no oscilante.

Salvo modificación de capacidades de carga, sin previo aviso.

Los datos arriba indicados sirven solamente para su información. Hay que leer las instrucciones para el uso antes de la puesta en servicio de la máquina. Todos los datos mencionados en las presentes tablas rigen para los modelos standard. Cualquier modificación del equipo montado puede dar lugar a modi-ficaciones de aquellos valores.

Gegengewichtvarianten  
Counterweight versions  
Variations des contrepoids  
Variaciones de contrapeso

|  | Gegengewicht / Counterweight<br>Contrepoids / Contrapeso<br>(t) | 1 x | 1 x | 1 x | 1 x | 1 x  | 2 x | 1 x | 1 x | 1 x |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------|-----|-----|-----|-----|------|-----|-----|-----|-----|
|                                                                                   |                                                                 | ①   | ②   | ③   | ④   | ⑤    | ⑥   | ⑦   | ⑧   | ⑨   |
|                                                                                   |                                                                 | 1.5 | 1.2 | 1.2 | 3.1 | 10.0 | 5.3 | 8.9 | 3.4 | 2.4 |







**Rahmen** Verwindungs- und biegesteife Schweißkonstruktion aus hochfestem Feinkornstahl. Zentralschmieranlage.

**Abstützung** 4-Punkt-Abstützung, hydraulisch, Bedienungsmöglichkeiten an beiden Seiten des Fahrgestelles und in der Oberwagenkabine.  
Abstützbasis 7,5 m (und 5,0 m) x 8,0 m.

**Motor** Mercedes-Benz 8-Zylinder-Dieselmotor OM 502 LA (Euromot III B / EPA Tier 4i), wassergekühlt, Leistung 405 kW (551 PS) bei 1800 min<sup>-1</sup>. Drehmoment 2600 Nm (265 kpm) bei 1300 min<sup>-1</sup>. Motorleistung nach 80 / 1269 / EWG. Kraftstoffbehälter 500 l. AdBlue-Behälter 40 l.

**Getriebe** ZF-AS-Tronic 12 AS 2302, mechanisches Schaltgetriebe mit integriertem Intarder, elektronisch-pneumatisch betätigter Trockenkupplung und vollautomatischer Schaltung mit 12 Vorwärts- und 2 Rückwärtsgängen.  
Power / Economy Modus.

**Verteilergetriebe** 2-stufiges Verteilergetriebe.

**Antrieb** 10 x 6 (10 x 8 Option).

#### Achsen

1. Achse: gelenkt, nicht angetrieben.
2. Achse: gelenkt, angetrieben, Differentialsperre quer.
3. Achse: gelenkt, nicht angetrieben.
4. Achse: gelenkt, angetrieben, Differentialsperre längs und quer.
5. Achse: gelenkt, angetrieben, Differentialsperre quer.

**Achsaufhängung** Hydropneumatische Federung mit Niveauregulierung.

**Bremsen** Druckluft-Zweikreis-Scheibenbremsanlage mit elektrischer Verschleißanzeige und Lufttrockner. Feststellbremse als Federspeicherbremse an der 3., 4. und 5. Achse wirkend. Intarder / Bremsomat Funktion und Konstantdrosselanlage mit Auspuffklappenbremse als Dauerbremse.

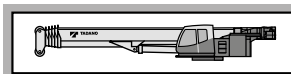
**Räder** 10-fach 445/95 R 25 (16.00 R 25), Breite 2,75 m.

**Lenkung** ZF-Servocom-Zweikreis-Hydraulenlenkung mit Notlenkpumpe. Mechanische Lenkung der 1. und 2. Achse und Mitlenken der 3. und 4. Achse bis zu einer Geschwindigkeit von 25 km/h und der 5. Achse bis zu einer Fahrgeschwindigkeit von 50 km/h.

**Unterwagenkabine** Zwei-Mann-Frontfahrerhaus in Stahl-Kunststoff-Verbund-Konstruktion, Sicherheitsverglasung, luftgefederte Sitze (Fahrersitz mit Heizung) und motorabhängige Wasserheizung, Radio / CD-Player, Kontroll- und Bedienungselemente für den Fahrbetrieb, Tempomat- / Bremsomat-Funktion.

**Elektrische Anlage** 24 Volt-Gleichstrom, 2 Batterien, CAN-Bus System mit integriertem CSS-System zur Eigendiagnose, Abstützfeldbeleuchtung.  
Die elektrische Anlage entspricht der EG-Norm.

**Zusatzausrüstung** (gegen Mehrpreis)  
Anhängerkupplung, motorunabhängige Zusatzheizung mit Motorvorwärmung, Klimaanlage, ABS, 525/80 R 25 (20.5 R 25) Bereifung, Reserverad, Sonderlackierung und Beschriftung.  
Weitere Zusatzausrüstung auf Anfrage.



**Rahmen** Verwindungssteife Schweißkonstruktion mit einer außenverzahnten, einreihigen Kugeldrehverbindung, um 360° unbegrenzt drehbar. Zentralschmieranlage.

**Motor** Mercedes-Benz 4-Zylinder-Dieselmotor OM 924 LA (Euromot III B / EPA Tier 4i), wassergekühlt. Drehzahl ist über Fußpedal stufenlos regelbar, Leistung 127 kW (173 PS) bei 2000 min<sup>-1</sup>.  
Drehmoment 675 Nm (69 kpm) bei 1200 - 1600 min<sup>-1</sup>.  
Motorleistung nach 80 / 1269 / EWG.  
Kraftstoffbehälter 220 l. AdBlue-Behälter 8 l.

**Hydraulik System** Diesel-hydraulisch mit 3-Kreis-Hydraulik, 1 leistungsgeregelte Axialkolbendoppelpumpe (elektrisch verstellbar), 1 Axialkolbenpumpe und 2 Zahnradpumpen, Ölkühler.

**Steuerung** Zwei 4-fach Kreuzsteuerhebel mit elektrischer Vorsteuerung.

**Teleskopausleger** Sechsteiliger Teleskopausleger aus hochfestem Feinkornstahl, bestehend aus einem Grundaussleger und 5 Teleskopteilen, 1 Teleskopzylinder, hydraulisch unter Teillast teleskopierbar. 12,8 m - 60,0 m lang. Rollenkopf mit 6 Seilrollen.

**Wippwerk** Ein Differentialzylinder mit angebautem Senkbremssperrventil, Slow-Stop-Funktion.

**Hubwerk** Axialkolben-Motor, Hubwerkstrommel mit eingebautem Planetengetriebe und federbelasteter Hydro-Lamellenbremse mit integriertem Freilauf beim Heben. Hubseil mit 'Super-Stop' Einrichtung.

**Drehwerk** Axialkolben-Motor, dreistufiges Planetengetriebe mit fußbetätigter oder automatischer Betriebs- und Feststellbremse. Offener Hydraulikkreislauf mit Drehwerk-Freischtaltung. Drehgeschwindigkeit stufenlos von 0 - 1,6 min<sup>-1</sup>.

**Gegengewicht** Standard 42,3 t, teilbar. Die Bedienung erfolgt aus der Oberwagenkabine.

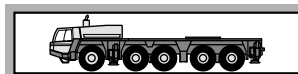
**Oberwagenkabine** Großräumige Krankabine in Stahl-Kunststoffausführung mit Sicherheitsverglasung und getönten Scheiben, kippbarem Arbeitsplatz mit verstellbarem, hydraulisch gedämpftem Fahrersitz mit Heizung, motorunabhängige Zusatzheizung mit Motorvorwärmung, Klimaanlage, Radio / CD-Player, Kontroll- und Bedienungselemente für Kranbetrieb. Abstützbetätigung und Motorbetätigung vom Oberwagen.

**Elektrische Anlage** 24 Volt-Gleichstrom, 2 Batterien.

**Sicherheitseinrichtungen** 'Lift Adjuster' Lastmomentbegrenzung (LMB), Arbeitsbereichsbegrenzung, Hubendschalter, Windenendschalter, Seilwindendrehmelder, Slow-Stop-Funktion für Drehwerk und Wippwerk, Sicherheitsventile gegen Rohr und Schlauchbrüche. Sperrventile an Hydraulik-Zylindern.

**Zusatzausrüstung** (gegen Mehrpreis)  
Auslegerverlängerung 3,8 m / 10,2 m / 18,0 m / 25,0 m / 32,0 m, wahlweise abwinkelbar 0°, 20° und 40° oder hydraulisch 0° - 40°, LMB-Erweiterung für 12,8 t und 21,7 t Gegengewicht, 10 t Hakengeschild, Unterflaschen von 25 t bis 125 t, 2. Hubwerk, Zusatzölkühler, Sonderlackierung und Beschriftung, Stützkraftanzeige.

Weitere Zusatzausrüstung auf Anfrage.



**Frame** Torsion-resistant, welded construction made from high strength, fine-grained steel. Central lubricating system.

**Outriggers** 4 point, double telescopic hydraulic outriggers with controls on both sides of carrier and in superstructure cab. Outrigger base 7.5 m (5.0 m mid extension) x 8.0 m.

**Carrier engine** Mercedes-Benz 8 cylinder model OM 502 LA (Euromot III B / EPA Tier 4i) water-cooled diesel engine. Rated at 405 kW (551 HP) at 1800 min<sup>-1</sup>. Torque 2600 Nm (265 kpm) at 1300 min<sup>-1</sup>. Engine rating according to 80 / 1269 / EWG. Fuel tank 500 l. AdBlue-tank 40 l.

**Transmission** ZF-AS-Tronic 12 AS 2302 mechanical transmission with integrated interarder, electro-pneumatically operated dry-type clutch and automatic gear shifting with 12 forward gears and 2 reverse gears. Power / Economy modes.

**Transfer Case** Two stage.

**Drive** 10 x 6 (10 x 8 option).

## Axes

1<sup>st</sup> axle: steered, not driven.

2<sup>nd</sup> axle: steered, driven, with transverse differential lock.

3<sup>rd</sup> axle: steered, not driven.

4<sup>th</sup> axle: steered, driven, with transverse and longitudinal differential lock.

5<sup>th</sup> axle: steered, driven, with transverse differential lock.

**Suspension** Hydro-pneumatic with levelling adjustment.

**Brake system** Service disc brakes: dual circuit compressed air system with electrically wear control and air dryer. Parking brake: spring loaded type acting on 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> axles. Auxiliary brakes: Intarder / Bremsomat function, engine exhaust brake and constant throttle engine brake system.

**Tyres** (10) 445/95 R 25 (16.00 R 25), width 2.75 m.

**Steering system** ZF-Servocom, dual circuit hydraulic steering with emergency steering pump, mechanical hydraulically-assisted steering of the first and second axle and automatic steering of the 3<sup>rd</sup> and 4<sup>th</sup> axle up to a travel speed of 25 km/h and of the 5<sup>th</sup> axle up to 50 km/h.

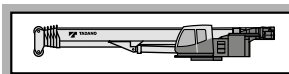
**Carrier cab** Two man full width cab of composite (steel sheet metal and fibre-glass) structure, with safety glass, air-cushioned adjustable seats (driver seat with heater) and engine dependent water heater, radio / CD-player, complete controls and instrumentation for road travel. Cruise control with hill braking feature functions.

**Electrical system** 24 volt DC system, 2 batteries, CAN-Bus system with CSS integrated self-diagnosis system, outrigger area lighting. Electrical system conforms with EEC regulations.

## Optional Equipment (at extra charge)

Towing attachment, engine independent additional heater with engine pre-heat, air conditioning, ABS, 525/80 R 25 (20.5 R 25) tyres, spare wheel, special painting and lettering.

Further optional equipment available upon request.



**Frame** Torsion-resistant, all-welded structure of high strength steel. Connected to carrier by single-row, ball-bearing slewing ring with external gearing for 360° continuous rotation. Central lubricating system.

**Superstructure engine** Mercedes-Benz 4 cylinder model OM 924 LA (Euromot III B / EPA Tier 4i), water cooled diesel engine. RPM infinitely variable via foot pedal, rating 127 kW (173 HP) at 2000 min<sup>-1</sup>. Torque 675 Nm (69 kpm) at 1200 - 1600 min<sup>-1</sup>. Engine rating according to 80 / 1269 / EWG. Fuel tank 220 l. AdBlue-tank 8 l.

**Hydraulic system** Three circuit diesel hydraulic system with 1 power controlled double axial piston pump (electrically adjustable), 1 axial piston pump and 2 gear pumps, oil cooler.

**Controls** Electrical, 2 joy-stick levers for simultaneous operation of crane motions.

**Telescopic boom** 6 sections, made of high tensile, finegrained steel, consisting of 1 base section and 5 telescoping sections extended by means of a single telescopic cylinder. All telescope sections extendable under partial load. 12.8 m to 60.0 m long. Boom head with 6 sheaves.

**Derricking system** 1 double acting hydraulic cylinder with integral brake and holding valve, Slow-Stop-function.

**Main winch** Axial piston motor, winch drum with integrated planetary reduction and hydraulically controlled spring-loaded multiple disc brake and integrated free rotation (no sagging of load when hoisting). Hoist cable with 'Super-Stop' easy reeving system.

**Slewing system** Axial piston motor with three-stage planetary gear equipped with a foot actuated or automatic service and a parking brake. Open circuit with free slewing function. Speed infinitely variable 0 - 1.6 min<sup>-1</sup>.

**Counterweight** Standard 42.3 t divisible, assembled and disassembled by hydraulic cylinders controlled from superstructure cab.

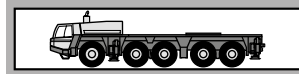
**Superstructure cab** Spacious panoramic cab of composite structure with safety (tinted) glass windows, tiltable cockpit with hydraulically cushioned adjustable seat with heater, engine independent additional heater with engine pre-heat, air conditioning, radio / CD-player, complete controls and instrumentation for crane operation. Outrigger and engine controls from the superstructure.

**Electrical system** 24 volt DC system, 2 batteries.

**Safety devices** 'Lift Adjuster', load moment device (LMD), working area limiter, hoist limit switch, lower limit switch and drum turn indicator, Slow-Stop-function for slewing system and derricking system, safety valves against pipe and hose rupture, holding valves on hydraulic cylinders.

## Optional Equipment (at extra charge)

Boom extension 3.8 m / 10.2 m / 18.0 m / 25.0 m / 32.0 m, offsets 0°, 20° and 40° or hydraulically 0° - 40°, LMD-programme for 12.8 t and 21.7 t counterweight, 10 t swivel hook, selection of hook blocks 25 t - 125 t, auxiliary winch, additional oil cooler, special painting and lettering, outrigger load display. Further optional equipment available upon request.



**Châssis** Construction mécanosoudée, en acier à grain fin très rigide, résistant aux flexions et aux torsions. Graissage centralisé.

**Calage** Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Commande des mouvements sur les deux côtés du porteur et depuis la cabine de la superstructure. Calage 7,5 m (aussi 5,0 m) x 8,0 m.

**Moteur** Mercedes Benz diesel 8 cylindres, modèle OM 502 LA (Euromot III B / EPA Tier 4i), refroidi par eau, de 405 kW (551 CV) à 1800 min<sup>-1</sup>. Couple: 2600 Nm (265 kpm) à 1300 min<sup>-1</sup>. Puissance selon 80 / 1269 / EWG. Capacité du réservoir 500 l. AdBlue-capacité du réservoir 40 l.

**Boîte de vitesse** Boîte mécanique ZF-AS-Tronic, modèle 12 AS 2302 avec embrayage électro-pneumatique réglé à commande et boîte automatique, 12 vitesses AV et 2 vitesses AR. Ralentisseur hydrodynamique, type Intarder directement accouplé à la boîte. Mode max. performance / économique.

**Boîte de transfert** À 2 gammes.

**Entraînement** 10 x 6 (10 x 8 option).

### Essieux

- 1<sup>er</sup> essieu: directeur, non entraîné.
- 2<sup>ème</sup> essieu: directeur, entraîné, blocage de différentiel transversal.
- 3<sup>ème</sup> essieu: directeur, non entraîné.
- 4<sup>ème</sup> essieu: directeur, entraîné, blocage de différentiel longitudinal et transversal.
- 5<sup>ème</sup> essieu: directeur, entraîné, blocage de différentiel transversal.

**Suspension** Hydro-pneumatique, avec réglage de niveau.

**Freins** Servo frein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits avec desiccateur d'air. Indicateur d'usure électronique. Frein de stationnement: ressort accumulé agissant sur les roues des essieux 3, 4 et 5. Freins continus: frein moteur par clapet sur échappement. Ralentisseur hydrodynamique Intarder.

**Pneus** 10 x 445/95 R 25 (16.00 R 25), (largeur 2,75 m).

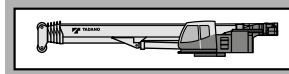
**Direction** Servocom à double circuit, marque ZF avec pompe de direction auxiliaire. Direction mécanique du 1<sup>er</sup> et 2<sup>ème</sup> essieu, à assistance hydraulique, avec pompe de direction auxiliaire direction du 3<sup>ème</sup> et 4<sup>ème</sup> essieu jusqu'à une vitesse de 25 km/h et du 5<sup>ème</sup> essieu jusqu'à une vitesse de 50 km/h.

**Cabine** Cabine bi-place, construction en matière composite fibre de verre et acier. Vitrage en verre de sécurité, siège conducteur chauffant suspendu hydrauliquement. Chauffage à eau chaude relié au moteur, radio / CD-player. Organes de contrôle et de commande pour la conduite. Régulateur de vitesse, système automatique de freinage.

**Système électrique** 24 V courant continu, 2 batteries, connexion circuit électrique avec CAN-Bus. Équipement avec prise diagnostic et avec interprétation de code erreur de système CSS, éclairage des points de calage. Conforme aux normes CE.

**Équipement supplémentaire** (avec supplément de prix) Attache-remorque, chauffage auxiliaire indépendant du moteur avec préchauffage du moteur, climatisation, ABS, pneus 525/80 R 25 (20.5 R 25), roue de secours, peinture spéciale et inscription.

Autres équipements supplémentaires sur demande.



**Plate forme** Construction mécano-soudée résistante à la torsion. Couronne d'orientation à billes à une rangée, à denture extérieure, permettant une rotation illimitée sur 360°. Graissage centralisé.

**Moteur** Mercedes Benz diesel 4 cylindres, modèle OM 924 LA (Euromot III B / EPA Tier 4i), refroidi par eau. Réglage du nombre de tours par pédale, de 127 kW (173 CV) à 2000 min<sup>-1</sup>. Couple: 675 Nm (69 kpm) à 1200 - 1600 min<sup>-1</sup>. Puissance selon 80 / 1269 / EWG. Capacité du réservoir 220 l. AdBlue-capacité du réservoir 8 l.

**Système hydraulique** Diesel-hydraulique à 3 circuits, 1 double pompe à pistons axiaux à régulation de puissance (à réglage électriquement) 1 pompe à pistons axiaux et 2 pompes à engrenages, refroidisseur d'huile.

**Commande** 2 manipulateurs à commande en croix (4 sens), assistés électriquement.

**Flèche télescopique** 1 flèche de base et 5 éléments télescopiques en acier fin, 1 vérin télescopique, hydrauliquement télescopable avec charge partielle. Longueur de 12,8 m à 60,0 m. Tête de flèche avec 6 poulies.

**Mécanisme de relevage** 1 vérin différentiel muni de clapet de freinage de descente, fonction 'Slow-Stop'.

**Mécanisme de levage** Moteur hydraulique, tambour de levage avec boîte planétaire incorporée, frein d'arrêt à disques multiples à ressort, libéré lors du levage. Câble de levage avec dispositif 'Super-Stop'.

**Orientation** Moteur hydraulique avec entraînement planétaire à 3 gammes. Frein de service actionné par l'intermédiaire d'une pédale ou avec frein de stationnement automatique. Circuit ouvert avec déconnexion de l'orientation. Vitesse de rotation 0 à 1,6 min<sup>-1</sup> en continu.

**Contrepoids** Standard 42,3 t divisible, commandé depuis la cabine du grutier.

**Cabine du grutier** Cabine de grue spacieuse, construction en matière combinée acier / synthétique, avec vitrage de sécurité en verre teinté, siège chauffant, réglable et amorti hydrauliquement, inclinable avec instruments de commande, chauffage auxiliaire indépendant du moteur avec préchauffage du moteur, climatisation, radio / CD-player, éléments de commande et de contrôle pour travaux sur chantier. Commande de calage et du moteur de la cabine du grutier.

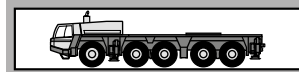
**Système électrique** 24 V courant continu, 2 batteries.

**Dispositifs de sécurité** 'Lift Adjuster', limiteur de charge (CEC), limitation de zone de travail, interrupteur de fin de course de levage et de treuil, indicateur du nombre de tours, fonction 'Slow-Stop' pour dispositif de rotation et mécanisme de relevage, soupapes de sécurité contre ruptures des conduites et flexibles, clapets sur verins hydraulique.

**Équipement supplémentaire** (avec supplément de prix) Fléchette 3,8 m / 10,2 m / 18,0 m / 25,0 m / 32,0 m au choix inclinable 0°, 20° et 40° ou hydrauliquement 0° à 40°, programmation CEC pour contrepoids de 12,8 t et 21,7 t, 10 t élingues, moulles de 25 t à 125 t, 2<sup>ème</sup> treuil de levage, refroidisseur d'huile supplémentaire, peinture spéciale et inscription, indicateur de pression sur les calages.

Autres équipements supplémentaires sur demande.





**Chasis portante** Construcción de acero de alta resistencia soldado, resistente a la torsión y a la flexión. Sistema de engrase central.

**Estabilizadores** Estabilizadores hidráulicos de 4 puntos. Posibilidad de manejo desde ambos lados del chasis portante y desde la cabina de la grúa. Extensión de los estabilizadores: 7,5 m (y 5,0 m) x 8,0 m.

**Motor** Mercedes Benz modelo OM 502 LA (Euromot III B / EPA Tier 4i), 8 cilindros, diesel, refrigerado por agua. Nominal 405 kW (551 CV) a 1800 min<sup>-1</sup>. Par 2600 Nm (265 kpm) a 1300 min<sup>-1</sup>. Potencia del motor según 80 / 1269 / EWG. Depósito de combustible de 500 l. Depósito AdBlue 40 l.

**Transmisión** Transmisión mecánica tipo ZF-AS Tronic modelo 12 AS 2302 con intarder integrado, accionamiento electro - neumático embrague en seco y cambio automático, 12 marchas delanteras y 2 marchas traseras. Modo rendimiento máximo / económico.

**Transmisión** Caja de distribución (transfer) con 2 relaciones de velocidad.

**Tracción** 10 x 6 (10 x 8 opción).

### Ejes

- 1º eje: de dirección, no accionado.
- 2º eje: de dirección, accionado, con bloqueo diferencial transversal.
- 3º eje: de dirección, no accionado.
- 4º eje: de dirección, accionado, con bloqueo diferencial transversal y longitudinal.
- 5º eje: de dirección, accionado, con bloqueo diferencial transversal.

**Suspensión** Suspensión hidroneumática con regulación de nivel.

**Sistemas de frenos** Accionamiento neumático de doble circuito con indicador eléctrico de desgaste de freno y secador de aire. Freno de estacionamiento del tipo muelles cargados, liberados por aire, sobre los ejes 3º, 4º y 5º. Intarder / sistema automático de frenado y freno continuo: Freno de motor diesel en el escape.

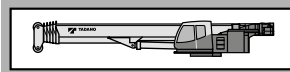
**Neumáticos** 10 x 445/95 R 25 (16.00 R 25), (ancho 2,75 m).

**Dirección** Hidráulica ZF Servocom de doble circuito con bomba auxiliar de dirección. Dirección mecánica del 1º y 2º eje y direccional de 3º y 4º eje hasta una velocidad de 25 km/h y del 5º eje hasta una velocidad de conducción de 50 km/h.

**Cabina** Cabina para dos personas, en construcción de acero y fibra de vidrio. Cristales de seguridad, asiento con suspensión neumática, asiento de conductor calefactado. Calefacción por agua caliente del motor, radio / CD-player. Elementos de control y manejo para circular por carretera. Regulador de velocidad, sistema automático de frenado.

**Sistema eléctrico** Sistema de 24 V c.c. con 2 baterías, conexiones eléctricas integradas en el sistema CAN-Bus, sistema integrado de diagnóstico CSS. Faros de trabajo en los estabilizadores. El sistema eléctrico cumple la normativa CEE.

**Equipo adicional** (con suplemento de precio) Embrague de remolque, calefacción adicional con precalefacción de motor, climatización, ABS, neumáticos 525/80 R 25 (20.5 R 25), rueda de repuesto, pintura especial y rotulación. Otros equipamientos sobre pedido.



**Superestructura** Construida en aceros soldados, resistente a la torsión. Corona de giro con rodamiento de una fila de bolas con dientes externos para giro continuo a 360°. Sistema de engrase central.

**Motor** Mercedes Benz modelo OM 924 LA (Euromot III B / EPA Tier 4i), 4 cilindros, diesel, refrigerado por agua. Las revoluciones aumentan de forma gradual accionado el acelerador. Nominal 127 kW (173 CV) a 2000 min<sup>-1</sup>. Par 675 Nm (69 kpm) a 1200 - 1600 min<sup>-1</sup>. Potencia del motor según 80 / 1269 / EWG. Depósito de combustible de 220 l. Depósito AdBlue 8 l.

**Sistema hidráulico** Sistema hidráulico de 3 circuitos, 1 bomba doble de pistones axiales de caudal variable (regulable eléctricamente) una bomba de pistones axiales y 2 bombas en tandem, enfriador de aceite.

**Mandos** 2 palancas de control de tipo joy-stick para movimientos simultáneos de la grúa (4 direcciones), asistidos eléctricamente.

**Pluma telescópica** 6 secciones, un tramo base y 5 telescópicos de acero de alta resistencia soldado, 1 cilindro hidráulico, los tramos se pueden telescopar hidráulicamente bajo carga. Longitud de 12,8 m a 60,0 m. Cabeza de pluma con 6 poleas.

**Elevación de pluma** Mediante un cilindro hidráulico de doble efecto con válvula de retención integrada, funciones 'Slow-Stop'.

**Cabrestante principal** Motor hidráulico de pistones axiales y caudal fijo. Tambor del cabrestante con reducción planetaria y frenos de disco múltiples accionado, con sistema libre de elevación. Cable de elevación con sistema fácil de guiado y 'Super-Stop'.

**Sistema de giro** Motor hidráulico de pistones axiales con reducción planetaria de tres etapas. Freno de giro controlado por pedal y freno de giro automático de bloqueo. Circuito abierto con mecanismo de giro libre con posibilidad de desconexión. Velocidad de giro gradual de 0 a 1,6 min<sup>-1</sup>.

**Contrapeso** El estándar 42,3 t divisible, se acciona desde la cabina de la grúa.

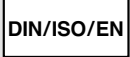
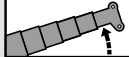
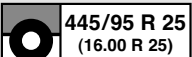
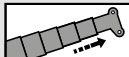
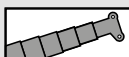
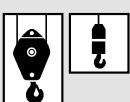
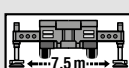
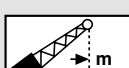
**Cabina de la grúa** Cabina espaciosa y confortable, en construcción de acero y fibra de vidrio, con cristales tintados de seguridad. Asiento de operador regulable amortiguado hidráulicamente, inclinable junto con los instrumentos y mandos, asiento calefactado. Calefacción adicional con precalefacción del motor, climatización, radio / CD-player. Elementos de control y mando para el manejo de la grúa. Accionamiento de los estabilizadores y motor desde la superestructura.

**Sistema eléctrico** Sistema de 24 V c.c. con 2 baterías.

**Medidas de seguridad** 'Lift Adjuster', limitación del momento de carga (LMC), limitación del área de trabajo, interruptor de final de elevación, interruptor de 3 últimas vueltas en cabrestante, indicador de bajada o subida del cable del cabrestante, para las funciones 'Slow-Stop' de giro y abatimiento, válvulas de seguridad para rotura de tubos y latiguillos. Válvulas de retención en los cilindros hidráulicos.

**Equipo adicional** (con suplemento de precio) Plumin de 3,8 m / 10,2 m / 18,0 m / 25,0 m / 32,0 m regulable de 0°, 20° y 40° (o hidráulicamente 0° a 40°), prolongación, programación LMC en el sistema de limitación de cargas, para contrapesos de 12,8 t y 21,7 t, 10 t gancho de bola, gancho de 25 a 125 t, 20 cabrestante, enfriador adicional, pintura especial y rotulación, control carga (gatos de apoyo). Otros equipamientos sobre pedido.

Symbolerklärung  
 Symbols  
 Glossaire des symboles  
 Glosario de símbolos

|                                                                                     |                                                                                                                           |                                                                                       |                                                                                                                         |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|    | Siehe Seite 23<br>As on Page 23<br>Voyez la page 23<br>Véase la pagina 23                                                 |     | Wippwerk<br>Derricking system<br>Mécanisme de relevage<br>Elevación de pluma                                            |
|    | Räder / Größe<br>Tyres / Size<br>Pneus / Largeur<br>Neumáticos / Tamano de ruedas                                         |     | Teleskopieren<br>Boom telescoping<br>Télescopage de flèche<br>Telescopaje de pluma                                      |
|    | Achslast<br>Axle load<br>Charge à l'essieu<br>Carga por eje                                                               |     | Teleskopausleger<br>Telescopic boom<br>Flèche télescopique<br>Pluma telescópica                                         |
|    | Unterflasche / Hakengeschild<br>Hook block / Swivel hook<br>Moufle / Elingues<br>Gancho / Gancho de bola                  |     | Abstützung<br>Outriggers<br>Calage<br>Estabilizadores                                                                   |
|  | Geschwindigkeiten Unterwagen<br>Carrier speeds<br>Vitesses du châssis<br>Velocidades del chasis                           |  | Gegengewicht<br>Counterweight<br>Contrepoids<br>Contrapeso                                                              |
|  | Getriebe / Gang<br>Transmission / Gear<br>Boîte de vitesse / Rapport<br>Transmisión / Marchas                             |   | Ausladung<br>Radius<br>Portée<br>Radio                                                                                  |
|  | Steigfähigkeit<br>Gradeability<br>Abtitude en pente<br>Superacion de pendientes                                           |   | Auslegerverlängerung<br>Boom extension<br>Fléchette<br>Plumín                                                           |
|  | Gelände<br>Off road<br>Tout-terrain<br>Todo terreno                                                                       |   | Auslegerverlängerung hydraulisch<br>Boom extension hydraulically<br>Fléchette hydrauliquement<br>Plumín hidráulicamente |
|  | Straße<br>On road<br>En route<br>En carretera                                                                             |   | Ausladung<br>Radius<br>Portée<br>Radio                                                                                  |
|  | Geschwindigkeiten Oberwagen<br>Superstructure speeds<br>Vitesses du partie tournante<br>Velocidades de la superestructura |   | Gegengewichtvarianten<br>Counterweight versions<br>Variations des contrepoids<br>Variaciones de contrapeso              |
|  | Hubwerk<br>Main winch<br>Mécanisme de levage<br>Cabrestante principal                                                     |   | Unterwagen<br>Carrier<br>Châssis<br>Chasis                                                                              |
|  | 2. Hubwerk<br>Auxiliary winch<br>2 <sup>ème</sup> treuil de levage<br>2 <sup>o</sup> cabrestante                          |   | Oberwagen<br>Superstructure<br>Partie tournante<br>Superestructura                                                      |
|  | Drehwerk<br>Slewing system<br>Orientation<br>Sistema de giro                                                              |                                                                                       |                                                                                                                         |



**TADANO FAUN GmbH**

Faunberg 2 · 91207 Lauf a. d. Pegnitz · Germany  
Phone: +49-9123-185-0 · Fax: +49-9123-3085  
[www.tadanofaun.de](http://www.tadanofaun.de) · [info@tadanofaun.de](mailto:info@tadanofaun.de)

**TADANO LTD.** (International Division)

4-12, Kamezawa 2-chome, Sumida-ku Tokyo 130-0014, Japan  
Phone: 81-3-3621-7750 · Fax: 81-3-3621-7785  
[www.tadano.com](http://www.tadano.com) · [info@tadano.com](mailto:info@tadano.com)