

24

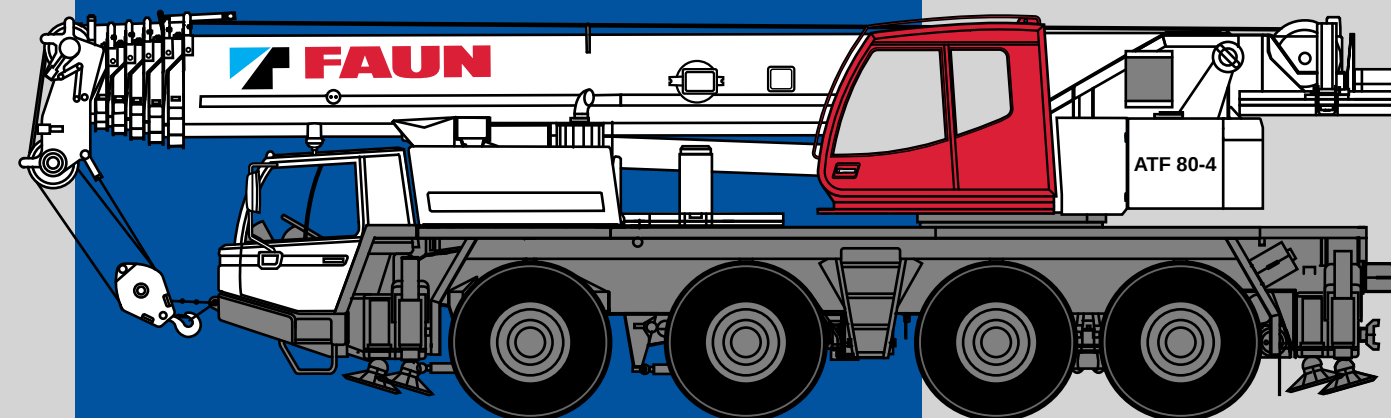
|                                                                                     |                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>SERVICE</b>  →  |
|    | (0) 91 23 95 50                                                                                      |
|                                                                                     | (0) 17 18 11 43 24                                                                                   |
|  | (0) 91 23 18 51 55                                                                                                                                                                      |
|                                                                                     | (0) 91 23 18 52 19                                                                                                                                                                      |
|  | Service + Spare parts                                                                                                                                                                   |
|                                                                                     | e-mail: <a href="mailto:service@tadanofaun.de">service@tadanofaun.de</a>                                                                                                                |
|                                                                                     | e-mail: <a href="mailto:spareparts@tadanofaun.de">spareparts@tadanofaun.de</a>                                                                                                          |
|  |  → ++49                                                                                              |

**TADANO FAUN**

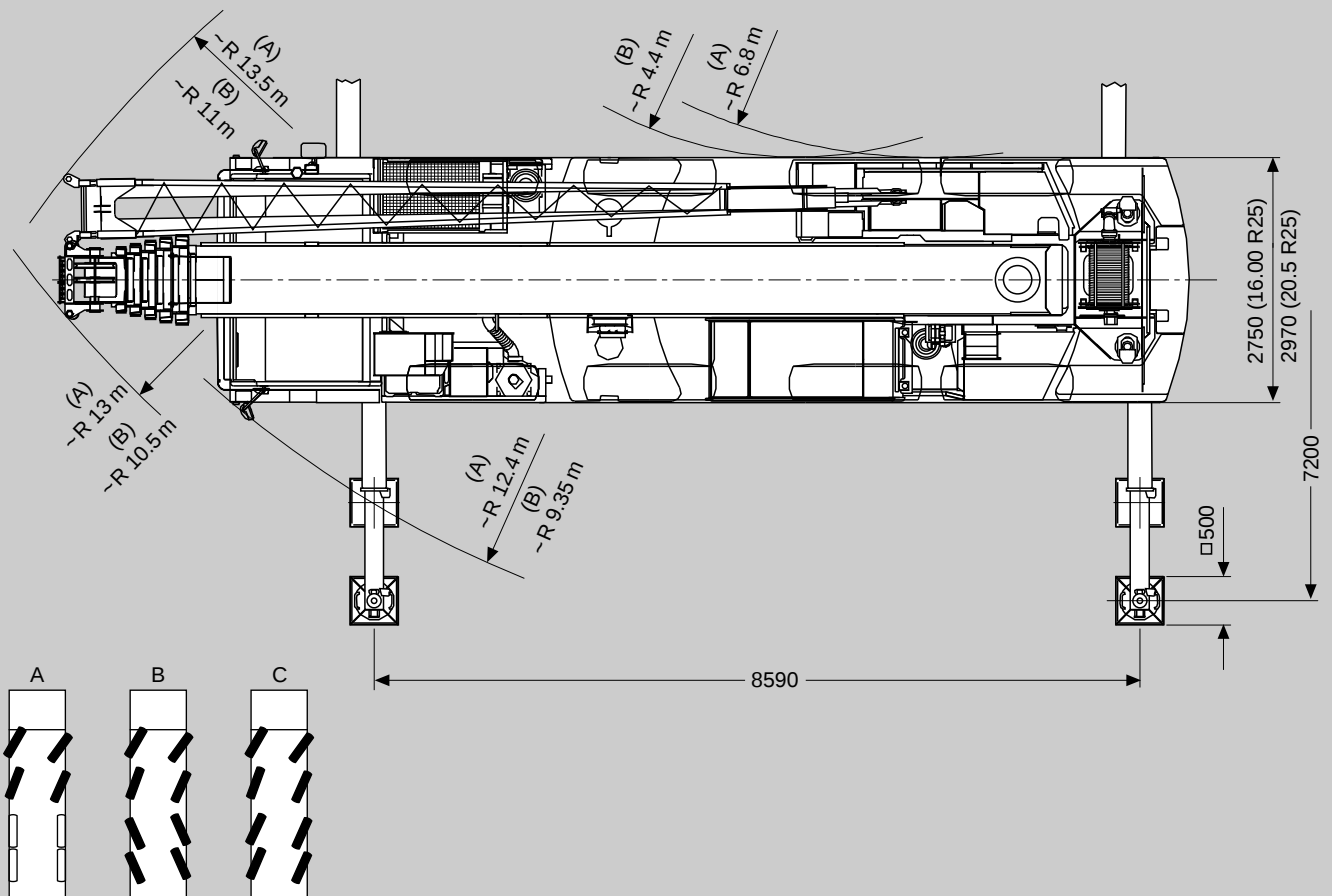
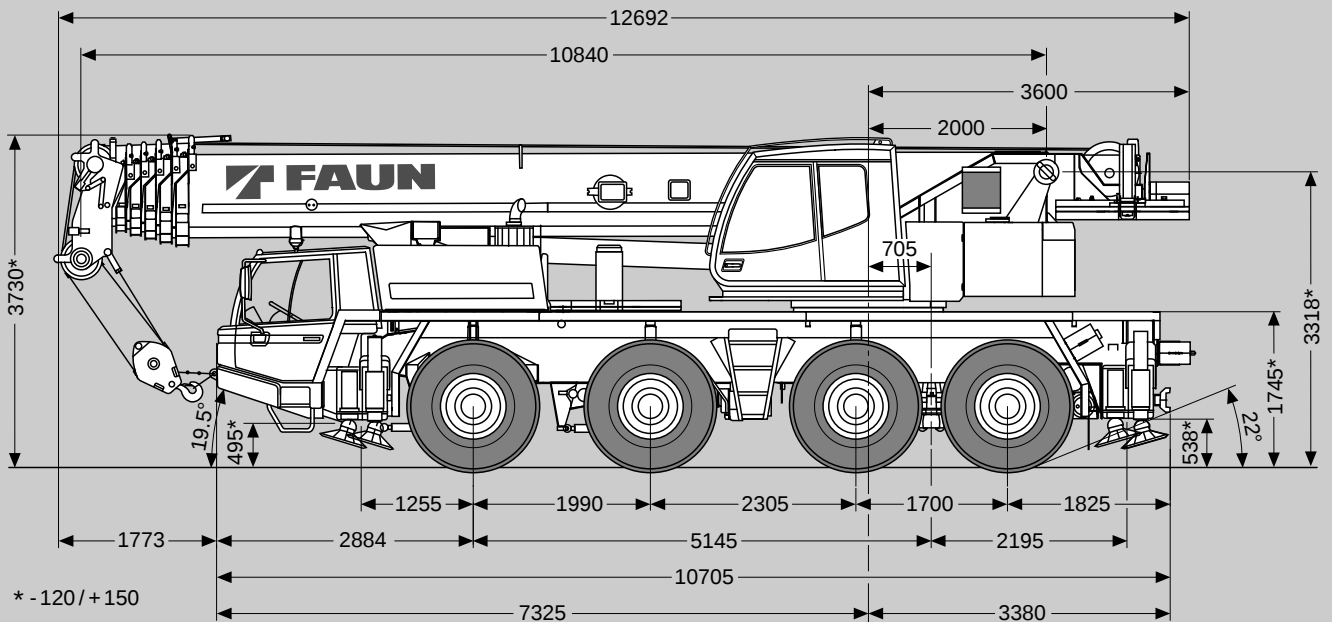
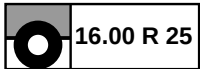
TADANO FAUN GmbH  
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# ALL-TERRAIN ATF 80-4

ISO 9001



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



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

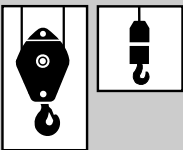
|  | Achse / Axle<br>Essieu / Eje | 1  | 2  | 3  | 4  | Gesamtgewicht / Total weight<br>Poids total / Peso total |
|----------------------------------------------------------------------------------|------------------------------|----|----|----|----|----------------------------------------------------------|
|                                                                                  | (t)                          | 12 | 12 | 12 | 12 | 48*                                                      |

\* Incl. 6,0 t Gegengewicht, Bereifung 16.00 R 25, 9 m / 16 m Gitterspitze, 40 t Hakenflasche, 6 t Hakengeschirr, Antrieb 8 x 8.

\* Incl. 6.0 t counterweight, tyres 16.00 R 25, 9 m / 16 m folding swingaway, 40 t hook block, 6 t swivel hook, drive 8 x 8.

\* Incl. de 6,0 t contrepoids, pneus 16.00 R 25, 9 m / 16 m extension treillis, 40 t moufle, 6 t elingues, entraînement 8 x 8.

\* Incl. contrapeso de 6,0 t, neumáticos 16.00 R 25, 9 m / 16 m plumin articulado, gancho de 40 t, 6 t gancho de bola, tracción 8 x 8.

|  | 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 |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------|---------------------------------|
|                                                                                  | 63 t *                                                                    | 5                                   | 11                                                  | 600 kg                          |
|                                                                                  | 63 t                                                                      | 5                                   | 11                                                  | 600 kg                          |
|                                                                                  | 40 t *                                                                    | 3                                   | 7                                                   | 400 kg                          |
|                                                                                  | 40 t                                                                      | 3                                   | 7                                                   | 400 kg                          |
|                                                                                  | 20 t                                                                      | 1                                   | 3                                                   | 200 kg                          |
|                                                                                  | 6 t                                                                       | –                                   | 1                                                   | 150 kg                          |

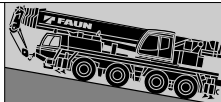
\* Doppelhaken

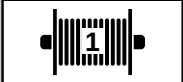
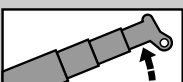
\* Rams horn

\* Moufle avec crochet marin

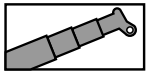
\* Gancho doble



|   | 1 | 2 | 3 | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | R1 | R2 |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|---------------------------------------------------------------------------------------|
| 14.00<br>km/h                                                                                                                                                          | 5 | 6 | 8 | 11 | 13 | 17 | 23 | 29 | 37 | 48 | 61 | 78 | 5  | 7  | 66%                                                                                   |
| 16.00<br>20.5<br>km/h                                                                                                                                                  | 5 | 7 | 9 | 12 | 15 | 19 | 25 | 32 | 41 | 52 | 67 | 80 | 6  | 8  | 59%                                                                                   |

| V+  | 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 - 112 m/min<br>für einfachen Strang<br>single line<br>au brin simple<br>ramal simple | 18 mm / 230 m                  | 68 kN<br>1. Lage<br>1st layer<br>1er brin<br>capa 1                                          |
|      | 0 - 112 m/min<br>für einfachen Strang<br>single line<br>au brin simple<br>ramal simple | 18 mm / 230 m                  | 68 kN<br>1. Lage<br>1st layer<br>1er brin<br>capa 1                                          |
|      | 0 - 2 min <sup>-1</sup>                                                                |                                |                                                                                              |
|      | -2° – +80°<br>ca. 35 s<br>approx. 35 s<br>env. 35 s<br>aproximadamente 35 s            |                                |                                                                                              |
|      | 10.8 m – 48.5 m<br>ca. 280 s<br>approx. 280 s<br>env. 280 s<br>aproximadamente 280 s   |                                |                                                                                              |

Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

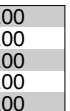
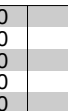
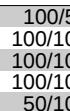
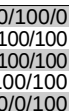
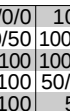
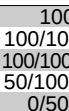
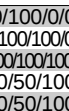
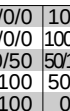
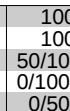
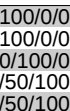
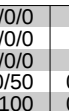
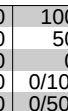
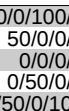
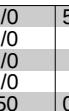
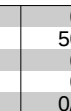
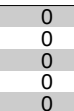
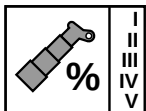


18t

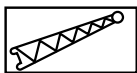
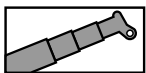
DIN / ISO



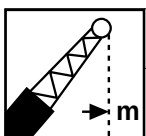
| m    | 10.8 m | 14.6 m | 18.3 m | 22.1 m | 25.9 m | 29.7 m | 33.5 m | 37.3 m | 41.0 m | 44.8 m | 48.5 m |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2.5  | 80.0*  |        |        |        |        |        |        |        |        |        |        |
| 3.0  | 73.0   | 68.0   | 58.0   | 47.0   |        |        |        |        |        |        |        |
| 3.5  | 66.8   | 63.6   | 58.0   | 45.0   |        |        |        |        |        |        |        |
| 4.0  | 59.1   | 59.0   | 55.2   | 42.9   | 34.1   |        |        |        |        |        |        |
| 4.5  | 52.6   | 52.5   | 51.0   | 40.9   | 33.2   |        |        |        |        |        |        |
| 5.0  | 47.0   | 47.0   | 46.1   | 38.9   | 32.4   | 27.0   |        |        |        |        |        |
| 6.0  | 38.6   | 38.6   | 37.8   | 34.8   | 30.6   | 25.4   | 21.0   |        |        |        |        |
| 7.0  | 32.6   | 32.6   | 31.8   | 30.7   | 28.0   | 23.9   | 20.0   | 16.0   | 12.8   |        |        |
| 8.0  | 28.0   | 28.0   | 27.2   | 26.6   | 25.4   | 22.3   | 19.1   | 15.4   | 12.8   | 10.0   |        |
| 9.0  |        | 24.4   | 23.6   | 23.1   | 22.8   | 20.8   | 18.1   | 14.8   | 12.8   | 10.0   | 8.6    |
| 10.0 |        | 21.5   | 20.7   | 20.2   | 20.3   | 19.2   | 17.2   | 14.2   | 12.5   | 10.0   | 8.6    |
| 11.0 |        | 19.1   | 19.3   | 17.9   | 17.9   | 17.7   | 16.2   | 13.6   | 12.1   | 9.8    | 8.6    |
| 12.0 |        | 17.3   | 17.8   | 15.9   | 16.0   | 16.1   | 15.3   | 13.0   | 11.8   | 9.6    | 8.6    |
| 14.0 |        |        | 15.3   | 12.4   | 12.5   | 12.9   | 13.2   | 11.8   | 11.1   | 9.1    | 8.3    |
| 16.0 |        |        | 12.0   | 9.6    | 10.9   | 10.2   | 11.0   | 10.6   | 10.4   | 8.7    | 7.9    |
| 18.0 |        |        |        | 8.6    | 9.6    | 8.9    | 9.7    | 9.5    | 9.1    | 8.2    | 7.6    |
| 20.0 |        |        |        | 6.9    | 8.6    | 8.0    | 8.4    | 8.5    | 8.1    | 8.0    | 7.2    |
| 22.0 |        |        |        |        | 7.5    | 7.2    | 7.1    | 7.7    | 7.2    | 7.2    | 6.8    |
| 24.0 |        |        |        |        |        | 6.5    | 6.1    | 6.7    | 6.5    | 6.1    | 5.8    |
| 26.0 |        |        |        |        |        | 5.8    | 5.6    | 5.8    | 5.7    | 5.3    | 5.0    |
| 28.0 |        |        |        |        |        |        | 5.1    | 5.1    | 4.9    | 4.6    | 4.2    |
| 30.0 |        |        |        |        |        |        | 4.7    | 4.5    | 4.3    | 3.9    | 3.6    |
| 32.0 |        |        |        |        |        |        |        | 4.0    | 3.8    | 3.4    | 3.1    |
| 34.0 |        |        |        |        |        |        |        | 3.5    | 3.3    | 3.0    | 2.7    |
| 36.0 |        |        |        |        |        |        |        |        | 2.9    | 2.6    | 2.3    |
| 38.0 |        |        |        |        |        |        |        |        | 2.6    | 2.2    | 1.9    |
| 40.0 |        |        |        |        |        |        |        |        |        | 1.9    | 1.6    |
| 42.0 |        |        |        |        |        |        |        |        |        | 1.6    | 1.3    |
| 44.0 |        |        |        |        |        |        |        |        |        |        | 1.1    |
| 46.0 |        |        |        |        |        |        |        |        |        |        | 0.8    |



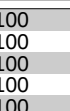
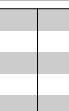
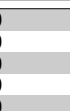
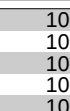
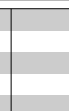
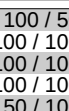
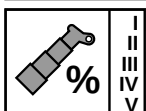
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|-----|---|------|------------|----------|----------|-----------|----------------|-------------|-------------|---------|-----|
| I   | 0 | 0/0  | 50/0/100/0 | 100/0/0  | 100/0/0  | 100/0/0   | 100/100/0/0    | 100/0/0     | 100/100/0   | 100/50  | 100 |
| II  | 0 | 50/0 | 50/0/0/0   | 50/0/0   | 100/0/0  | 100/0/0   | 100/100/100/0  | 100/100/50  | 100/100/100 | 100/100 | 100 |
| III | 0 | 0/0  | 0/0/0/0    | 0/0/0    | 0/100/0  | 50/100/50 | 50/100/100/100 | 100/100/100 | 100/100/100 | 100/100 | 100 |
| IV  | 0 | 0/0  | 0/50/0/0   | 0/100/50 | 0/50/100 | 0/100/100 | 50/0/50/100    | 50/100/100  | 50/100/100  | 100/100 | 100 |
| V   | 0 | 0/50 | 0/50/0/100 | 0/50/100 | 0/50/100 | 0/50/100  | 0/0/50/100     | 0/50/100    | 50/0/100    | 50/100  | 100 |



DIN / ISO

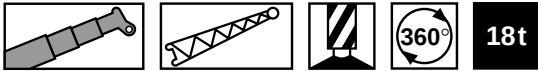


| m    | 44.8 m + 9.0 m |      |      | 48.5 m + 9.0 m |      |      | 48.5 m + 16.0 m |      |      |
|------|----------------|------|------|----------------|------|------|-----------------|------|------|
|      | 5°             | 20°  | 40°  | 5°             | 20°  | 40°  | 5°              | 20°  | 40°  |
| 10.0 | 6.00           |      |      |                |      |      |                 |      |      |
| 11.0 | 5.85           |      |      | 5.50           |      |      |                 |      |      |
| 12.0 | 5.70           | 3.85 |      | 5.50           |      |      |                 |      |      |
| 14.0 | 5.35           | 3.60 | 2.45 | 5.30           | 3.70 |      | 3.10            |      |      |
| 16.0 | 5.05           | 3.40 | 2.35 | 5.10           | 3.50 | 2.40 | 2.95            |      |      |
| 18.0 | 4.75           | 3.20 | 2.30 | 4.90           | 3.30 | 2.35 | 2.75            | 1.70 |      |
| 20.0 | 4.40           | 3.05 | 2.20 | 4.65           | 3.15 | 2.25 | 2.60            | 1.60 |      |
| 22.0 | 4.10           | 2.90 | 2.15 | 4.35           | 3.00 | 2.20 | 2.40            | 1.55 | 1.00 |
| 24.0 | 3.80           | 2.75 | 2.10 | 4.00           | 2.85 | 2.15 | 2.20            | 1.45 | 1.00 |
| 26.0 | 3.55           | 2.65 | 2.05 | 3.75           | 2.75 | 2.10 | 2.05            | 1.40 | 0.95 |
| 28.0 | 3.30           | 2.50 | 2.00 | 3.50           | 2.60 | 2.05 | 1.90            | 1.30 | 0.95 |
| 30.0 | 3.15           | 2.45 | 1.95 | 3.35           | 2.55 | 2.00 | 1.80            | 1.25 | 0.90 |
| 32.0 | 2.95           | 2.35 | 1.95 | 3.10           | 2.45 | 1.95 | 1.65            | 1.20 | 0.90 |
| 34.0 | 2.80           | 2.25 | 1.90 | 2.65           | 2.35 | 1.95 | 1.60            | 1.15 | 0.85 |
| 36.0 | 2.50           | 2.20 | 1.85 | 2.20           | 2.25 | 1.90 | 1.50            | 1.10 | 0.85 |
| 38.0 | 2.15           | 2.10 | 1.85 | 1.85           | 2.00 | 1.90 | 1.40            | 1.05 | 0.85 |
| 40.0 | 1.80           | 1.90 | 1.85 | 1.50           | 1.65 | 1.75 | 1.35            | 1.00 | 0.80 |
| 42.0 | 1.50           | 1.60 | 1.65 | 1.20           | 1.30 | 1.40 | 1.25            | 1.00 | 0.80 |
| 44.0 | 1.25           | 1.30 | 1.30 | 0.95           | 1.05 | 1.10 | 1.20            | 0.95 | 0.80 |
| 46.0 | 1.00           | 1.05 | 1.05 | 0.70           | 0.80 | 0.80 | 1.15            | 0.90 | 0.75 |
| 48.0 | 0.75           | 0.80 | 0.75 |                | 0.55 | 0.55 | 0.95            | 0.85 | 0.75 |
| 50.0 | 0.55           | 0.55 |      |                |      |      | 0.75            | 0.80 | 0.75 |
| 52.0 |                |      |      |                |      |      | 0.55            | 0.60 | 0.70 |

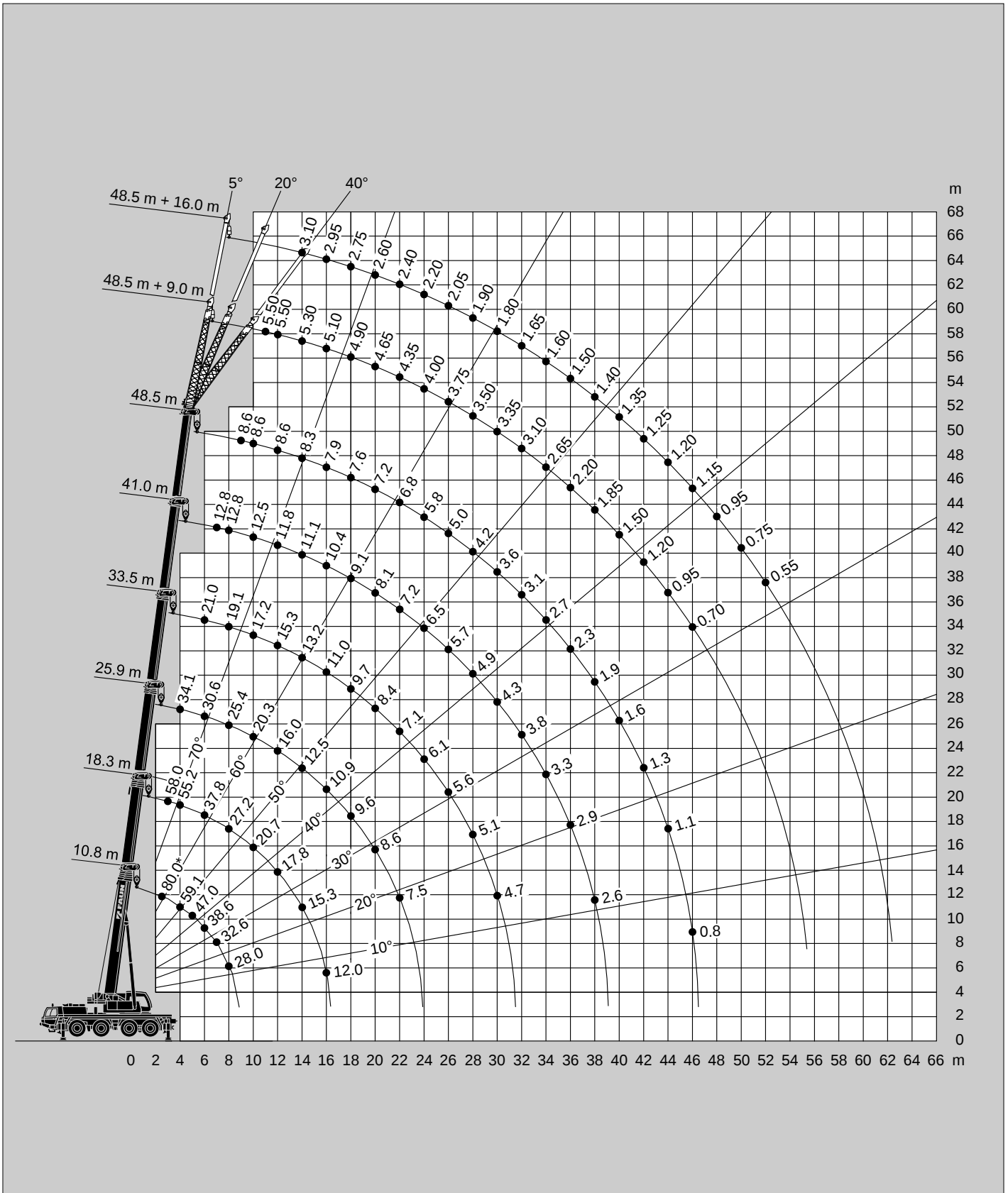


|     |           |  |  |     |  |  |     |  |  |
|-----|-----------|--|--|-----|--|--|-----|--|--|
| I   | 100 / 50  |  |  | 100 |  |  | 100 |  |  |
| II  | 100 / 100 |  |  | 100 |  |  | 100 |  |  |
| III | 100 / 100 |  |  | 100 |  |  | 100 |  |  |
| IV  | 100 / 100 |  |  | 100 |  |  | 100 |  |  |
| V   | 50 / 100  |  |  | 100 |  |  | 100 |  |  |

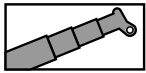
Hubhöhen  
Lifting heights  
Hauteurs de levage  
Alturas de elevación



DIN/ISO



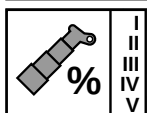
Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

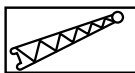
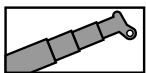


12.7t

DIN / ISO

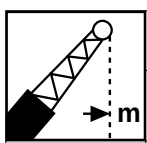
|  m | 10.8 m | 14.6 m | 18.3 m | 22.1 m | 25.9 m | 29.7 m | 33.5 m | 37.3 m | 41.0 m | 44.8 m | 48.5 m |
|------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2.5                                                                                | 80.0*  |        |        |        |        |        |        |        |        |        |        |
| 3.0                                                                                | 73.0   | 68.0   | 58.0   | 47.0   |        |        |        |        |        |        |        |
| 3.5                                                                                | 63.9   | 63.6   | 58.0   | 45.0   |        |        |        |        |        |        |        |
| 4.0                                                                                | 56.1   | 56.0   | 55.0   | 42.9   | 34.1   |        |        |        |        |        |        |
| 4.5                                                                                | 49.6   | 49.5   | 48.6   | 40.9   | 33.2   |        |        |        |        |        |        |
| 5.0                                                                                | 44.3   | 44.3   | 43.4   | 38.9   | 32.4   | 27.0   |        |        |        |        |        |
| 6.0                                                                                | 36.3   | 36.3   | 35.5   | 34.8   | 30.6   | 25.4   | 21.0   |        |        |        |        |
| 7.0                                                                                | 30.6   | 30.6   | 29.8   | 29.2   | 28.0   | 23.9   | 20.0   | 16.0   | 12.8   |        |        |
| 8.0                                                                                | 26.2   | 26.2   | 25.4   | 24.9   | 25.0   | 22.3   | 19.1   | 15.4   | 12.8   | 10.0   |        |
| 9.0                                                                                |        | 22.8   | 22.6   | 21.5   | 21.6   | 20.8   | 18.1   | 14.8   | 12.8   | 10.0   | 8.6    |
| 10.0                                                                               |        | 20.1   | 20.7   | 18.8   | 18.9   | 19.2   | 17.2   | 14.2   | 12.5   | 10.0   | 8.6    |
| 11.0                                                                               |        | 18.5   | 19.1   | 15.9   | 16.1   | 16.5   | 16.2   | 13.6   | 12.1   | 9.8    | 8.6    |
| 12.0                                                                               |        | 16.2   | 16.7   | 13.6   | 14.4   | 14.2   | 14.7   | 13.0   | 11.8   | 9.6    | 8.6    |
| 14.0                                                                               |        |        | 13.1   | 10.8   | 12.4   | 11.6   | 12.7   | 11.5   | 11.1   | 9.1    | 8.3    |
| 16.0                                                                               |        |        | 10.6   | 9.6    | 10.7   | 10.1   | 10.3   | 10.3   | 9.4    | 8.7    | 7.9    |
| 18.0                                                                               |        |        |        | 8.6    | 8.8    | 8.9    | 8.4    | 9.1    | 8.6    | 8.2    | 7.6    |
| 20.0                                                                               |        |        |        | 7.4    | 7.3    | 7.6    | 7.5    | 7.6    | 7.4    | 7.0    | 6.7    |
| 22.0                                                                               |        |        |        |        | 6.2    | 6.7    | 6.7    | 6.5    | 6.3    | 5.9    | 5.6    |
| 24.0                                                                               |        |        |        |        |        | 5.8    | 5.8    | 5.6    | 5.4    | 5.0    | 4.7    |
| 26.0                                                                               |        |        |        |        |        | 5.1    | 5.0    | 4.8    | 4.6    | 4.2    | 3.9    |
| 28.0                                                                               |        |        |        |        |        |        | 4.4    | 4.2    | 4.0    | 3.6    | 3.3    |
| 30.0                                                                               |        |        |        |        |        |        | 3.8    | 3.6    | 3.4    | 3.1    | 2.8    |
| 32.0                                                                               |        |        |        |        |        |        |        | 3.1    | 3.0    | 2.6    | 2.3    |
| 34.0                                                                               |        |        |        |        |        |        |        | 2.7    | 2.6    | 2.2    | 1.9    |
| 36.0                                                                               |        |        |        |        |        |        |        |        | 2.2    | 1.8    | 1.5    |
| 38.0                                                                               |        |        |        |        |        |        |        |        | 1.9    | 1.5    | 1.2    |
| 40.0                                                                               |        |        |        |        |        |        |        |        |        | 1.2    | 0.9    |
| 42.0                                                                               |        |        |        |        |        |        |        |        |        | 1.0    | 0.7    |
| 44.0                                                                               |        |        |        |        |        |        |        |        |        |        | 0.5    |

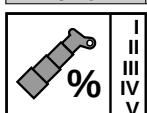
|  % | I | II   | III        | IV       | V        |
|--------------------------------------------------------------------------------------|---|------|------------|----------|----------|
|                                                                                      | 0 | 0/0  | 50/0/100/0 | 100/0/0  | 100/0/0  |
|                                                                                      | 0 | 50/0 | 50/0/0/0   | 50/0/0   | 100/0/0  |
|                                                                                      | 0 | 0/0  | 0/0/0/0    | 0/0/0    | 0/100/0  |
|                                                                                      | 0 | 0/0  | 0/50/0/0   | 0/100/50 | 0/50/100 |
|                                                                                      | 0 | 0/50 | 0/50/0/100 | 0/50/100 | 0/50/100 |



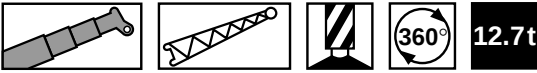
12.7t

DIN / ISO

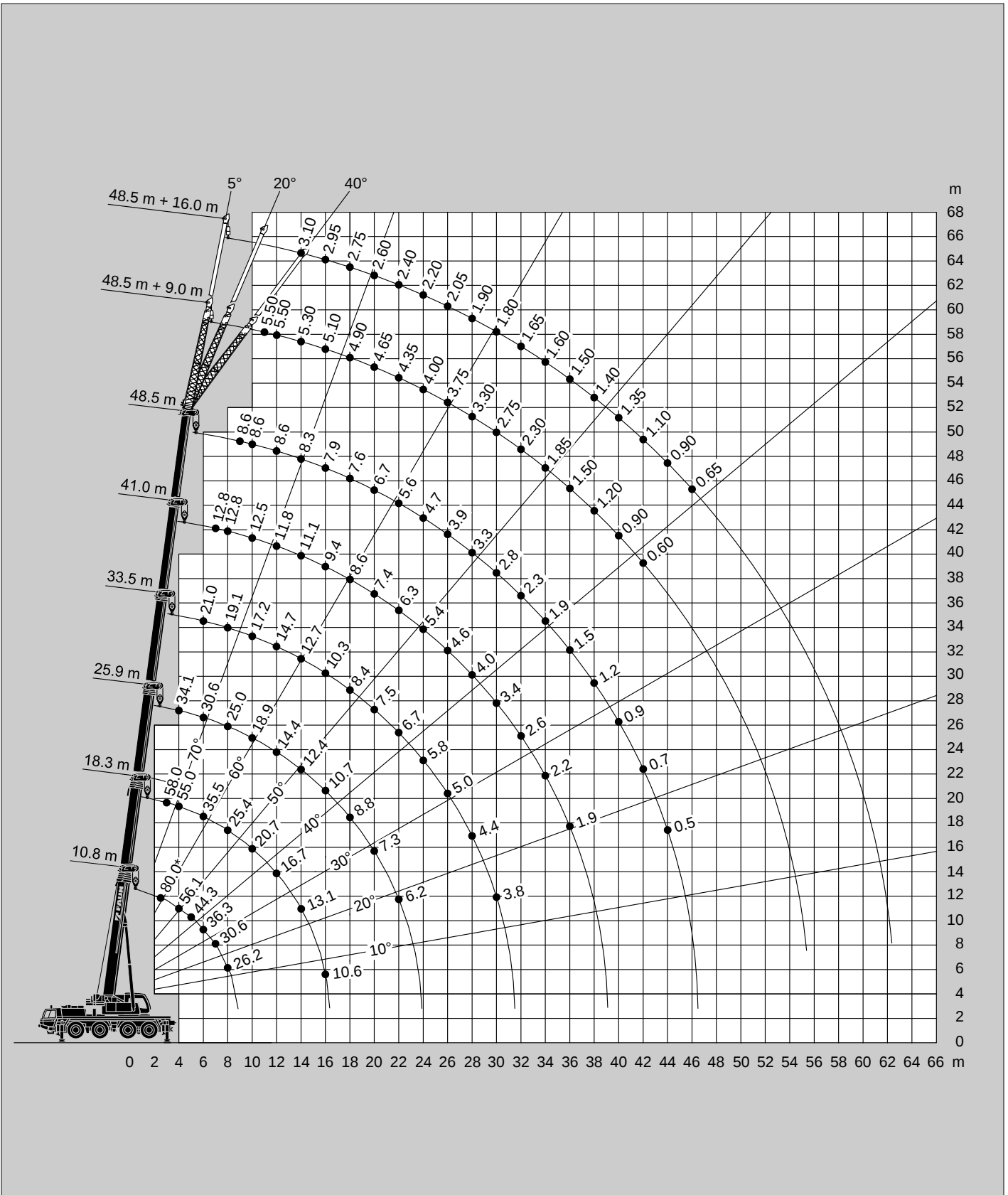
|  m | 44.8 m + 9.0 m |      |      | 48.5 m + 9.0 m |      |      | 48.5 m + 16.0 m |      |      |
|--------------------------------------------------------------------------------------|----------------|------|------|----------------|------|------|-----------------|------|------|
|                                                                                      | 5°             | 20°  | 40°  | 5°             | 20°  | 40°  | 5°              | 20°  | 40°  |
| 10.0                                                                                 | 6.00           |      |      |                |      |      |                 |      |      |
| 11.0                                                                                 | 5.85           |      |      | 5.50           |      |      |                 |      |      |
| 12.0                                                                                 | 5.70           | 3.85 |      | 5.50           |      |      |                 |      |      |
| 14.0                                                                                 | 5.35           | 3.60 | 2.45 | 5.30           | 3.70 |      | 3.10            |      |      |
| 16.0                                                                                 | 5.05           | 3.40 | 2.35 | 5.10           | 3.50 | 2.40 | 2.95            |      |      |
| 18.0                                                                                 | 4.75           | 3.20 | 2.30 | 4.90           | 3.30 | 2.35 | 2.75            | 1.70 |      |
| 20.0                                                                                 | 4.40           | 3.05 | 2.20 | 4.65           | 3.15 | 2.25 | 2.60            | 1.60 |      |
| 22.0                                                                                 | 4.10           | 2.90 | 2.15 | 4.35           | 3.00 | 2.20 | 2.40            | 1.55 | 1.00 |
| 24.0                                                                                 | 3.80           | 2.75 | 2.10 | 4.00           | 2.85 | 2.15 | 2.20            | 1.45 | 1.00 |
| 26.0                                                                                 | 3.55           | 2.65 | 2.05 | 3.75           | 2.75 | 2.10 | 2.05            | 1.40 | 0.95 |
| 28.0                                                                                 | 3.30           | 2.50 | 2.00 | 3.30           | 2.60 | 2.05 | 1.90            | 1.30 | 0.95 |
| 30.0                                                                                 | 3.05           | 2.45 | 1.95 | 2.75           | 2.55 | 2.00 | 1.80            | 1.25 | 0.90 |
| 32.0                                                                                 | 2.60           | 2.35 | 1.95 | 2.30           | 2.45 | 1.95 | 1.65            | 1.20 | 0.90 |
| 34.0                                                                                 | 2.20           | 2.25 | 1.90 | 1.85           | 2.05 | 1.95 | 1.60            | 1.15 | 0.85 |
| 36.0                                                                                 | 1.80           | 1.90 | 1.85 | 1.50           | 1.65 | 1.75 | 1.50            | 1.10 | 0.85 |
| 38.0                                                                                 | 1.50           | 1.60 | 1.65 | 1.20           | 1.30 | 1.40 | 1.40            | 1.05 | 0.85 |
| 40.0                                                                                 | 1.20           | 1.30 | 1.35 | 0.90           | 1.00 | 1.10 | 1.35            | 1.00 | 0.80 |
| 42.0                                                                                 | 0.90           | 1.00 | 1.05 | 0.60           | 0.70 | 0.75 | 1.10            | 1.00 | 0.80 |
| 44.0                                                                                 | 0.70           | 0.75 | 0.75 |                | 0.50 | 0.50 | 0.90            | 0.95 | 0.80 |
| 46.0                                                                                 |                | 0.50 | 0.50 |                |      |      | 0.65            | 0.80 | 0.75 |
| 48.0                                                                                 |                |      |      |                |      |      |                 | 0.60 | 0.65 |
| 50.0                                                                                 |                |      |      |                |      |      |                 |      |      |
| 52.0                                                                                 |                |      |      |                |      |      |                 |      |      |

|  % | I | II        | III | IV | V |
|--------------------------------------------------------------------------------------|---|-----------|-----|----|---|
|                                                                                      |   | 100 / 50  |     |    |   |
|                                                                                      |   | 100 / 100 |     |    |   |
|                                                                                      |   | 100 / 100 |     |    |   |
|                                                                                      |   | 100 / 100 |     |    |   |
|                                                                                      |   | 50 / 100  |     |    |   |

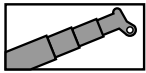
Hubhöhen  
Lifting heights  
Hauteurs de levage  
Alturas de elevación



DIN/ISO



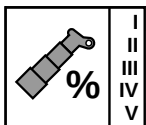
Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación



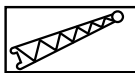
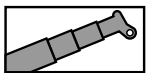
6t

DIN / ISO

| m    | 10.8 m | 14.6 m | 18.3 m | 22.1 m | 25.9 m | 29.7 m | 33.5 m | 37.3 m | 41.0 m | 44.8 m | 48.5 m |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2.5  | 80.0*  |        |        |        |        |        |        |        |        |        |        |
| 3.0  | 69.1   | 68.0   | 58.0   | 47.0   |        |        |        |        |        |        |        |
| 3.5  | 59.4   | 59.4   | 58.0   | 45.0   |        |        |        |        |        |        |        |
| 4.0  | 51.7   | 51.7   | 50.7   | 42.9   | 34.1   |        |        |        |        |        |        |
| 4.5  | 45.7   | 45.7   | 44.8   | 40.9   | 33.2   |        |        |        |        |        |        |
| 5.0  | 40.8   | 40.8   | 39.9   | 38.9   | 32.4   | 27.0   |        |        |        |        |        |
| 6.0  | 33.4   | 33.4   | 32.6   | 32.0   | 30.6   | 25.4   | 21.0   |        |        |        |        |
| 7.0  | 28.1   | 28.1   | 27.5   | 26.7   | 26.7   | 23.9   | 20.0   | 16.0   | 12.8   |        |        |
| 8.0  | 23.8   | 23.9   | 24.8   | 22.3   | 22.6   | 22.3   | 19.1   | 15.4   | 12.8   | 10.0   |        |
| 9.0  |        | 20.8   | 21.4   | 17.9   | 18.8   | 18.5   | 18.1   | 14.8   | 12.8   | 10.0   | 8.6    |
| 10.0 |        | 17.4   | 18.0   | 14.6   | 17.1   | 15.9   | 15.8   | 14.2   | 12.5   | 10.0   | 8.6    |
| 11.0 |        | 14.8   | 15.4   | 13.4   | 15.4   | 14.7   | 15.0   | 13.5   | 12.1   | 9.8    | 8.6    |
| 12.0 |        | 12.9   | 13.4   | 12.4   | 13.5   | 13.4   | 13.0   | 12.4   | 11.8   | 9.6    | 8.6    |
| 14.0 |        |        | 10.4   | 10.8   | 10.5   | 10.7   | 10.7   | 10.8   | 9.7    | 9.1    | 8.3    |
| 16.0 |        |        | 8.5    | 8.8    | 8.3    | 8.9    | 8.9    | 8.6    | 8.4    | 8.0    | 7.7    |
| 18.0 |        |        |        | 7.2    | 7.3    | 7.3    | 7.3    | 7.0    | 6.9    | 6.4    | 6.1    |
| 20.0 |        |        |        | 6.0    | 6.1    | 6.1    | 6.0    | 5.8    | 5.6    | 5.2    | 4.8    |
| 22.0 |        |        |        |        | 5.1    | 5.1    | 5.0    | 4.8    | 4.6    | 4.2    | 3.9    |
| 24.0 |        |        |        |        |        | 4.3    | 4.2    | 4.0    | 3.8    | 3.4    | 3.1    |
| 26.0 |        |        |        |        |        | 3.6    | 3.6    | 3.4    | 3.2    | 2.8    | 2.5    |
| 28.0 |        |        |        |        |        |        | 3.1    | 2.8    | 2.7    | 2.3    | 2.0    |
| 30.0 |        |        |        |        |        |        | 2.6    | 2.4    | 2.2    | 1.8    | 1.5    |
| 32.0 |        |        |        |        |        |        |        | 2.0    | 1.8    | 1.4    | 1.1    |
| 34.0 |        |        |        |        |        |        |        | 1.7    | 1.5    | 1.1    | 0.8    |
| 36.0 |        |        |        |        |        |        |        |        | 1.2    | 0.8    | 0.5    |
| 38.0 |        |        |        |        |        |        |        |        | 0.9    | 0.6    |        |



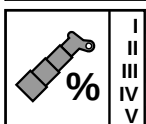
|     |   |      |            |          |          |           |                |             |             |         |     |
|-----|---|------|------------|----------|----------|-----------|----------------|-------------|-------------|---------|-----|
| I   | 0 | 0/0  | 50/0/100/0 | 100/0/0  | 100/0/0  | 100/0/0   | 100/100/0/0    | 100/0/0     | 100/100/0   | 100/50  | 100 |
| II  | 0 | 50/0 | 50/0/0/0   | 50/0/0   | 100/0/0  | 100/0/0   | 100/100/100/0  | 100/100/50  | 100/100/100 | 100/100 | 100 |
| III | 0 | 0/0  | 0/0/0/0    | 0/0/0    | 0/100/0  | 50/100/50 | 50/100/100/100 | 100/100/100 | 100/100/100 | 100/100 | 100 |
| IV  | 0 | 0/0  | 0/50/0/0   | 0/100/50 | 0/50/100 | 0/100/100 | 50/0/50/100    | 50/100/100  | 50/100/100  | 100/100 | 100 |
| V   | 0 | 0/50 | 0/50/0/100 | 0/50/100 | 0/50/100 | 0/50/100  | 0/0/50/100     | 0/50/100    | 50/0/100    | 50/100  | 100 |



6t

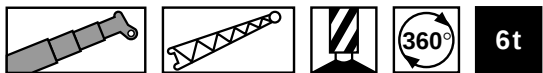
DIN / ISO

| m    | 44.8 m + 9.0 m |      |      | 48.5 m + 9.0 m |      |      | 48.5 m + 16.0 m |      |      |
|------|----------------|------|------|----------------|------|------|-----------------|------|------|
|      | 5°             | 20°  | 40°  | 5°             | 20°  | 40°  | 5°              | 20°  | 40°  |
| 10.0 | 6.00           |      |      |                |      |      |                 |      |      |
| 11.0 | 5.85           |      |      | 5.50           |      |      |                 |      |      |
| 12.0 | 5.70           | 3.85 |      | 5.50           |      |      |                 |      |      |
| 14.0 | 5.35           | 3.60 | 2.45 | 5.30           | 3.70 |      | 3.10            |      |      |
| 16.0 | 5.05           | 3.40 | 2.35 | 5.10           | 3.50 | 2.40 | 2.95            |      |      |
| 18.0 | 4.75           | 3.20 | 2.30 | 4.90           | 3.30 | 2.35 | 2.75            | 1.70 |      |
| 20.0 | 4.40           | 3.05 | 2.20 | 4.65           | 3.15 | 2.25 | 2.60            | 1.60 |      |
| 22.0 | 4.10           | 2.90 | 2.15 | 4.00           | 3.00 | 2.20 | 2.40            | 1.55 | 1.00 |
| 24.0 | 3.55           | 2.75 | 2.10 | 3.20           | 2.85 | 2.15 | 2.20            | 1.45 | 1.00 |
| 26.0 | 2.90           | 2.65 | 2.05 | 2.55           | 2.75 | 2.10 | 2.05            | 1.40 | 0.95 |
| 28.0 | 2.30           | 2.50 | 2.00 | 2.00           | 2.20 | 2.05 | 1.90            | 1.30 | 0.95 |
| 30.0 | 1.85           | 2.05 | 1.95 | 1.55           | 1.75 | 1.95 | 1.80            | 1.25 | 0.90 |
| 32.0 | 1.45           | 1.60 | 1.75 | 1.15           | 1.35 | 1.50 | 1.65            | 1.20 | 0.90 |
| 34.0 | 1.10           | 1.25 | 1.35 | 0.80           | 0.95 | 1.10 | 1.30            | 1.15 | 0.85 |
| 36.0 | 0.75           | 0.90 | 1.00 | 0.50           | 0.65 | 0.75 | 0.95            | 1.10 | 0.85 |
| 38.0 | 0.50           | 0.60 | 0.70 |                |      |      | 0.70            | 0.95 | 0.85 |
| 40.0 |                |      |      |                |      |      |                 | 0.65 | 0.80 |
| 42.0 |                |      |      |                |      |      |                 |      | 0.60 |
| 44.0 |                |      |      |                |      |      |                 |      |      |
| 46.0 |                |      |      |                |      |      |                 |      |      |

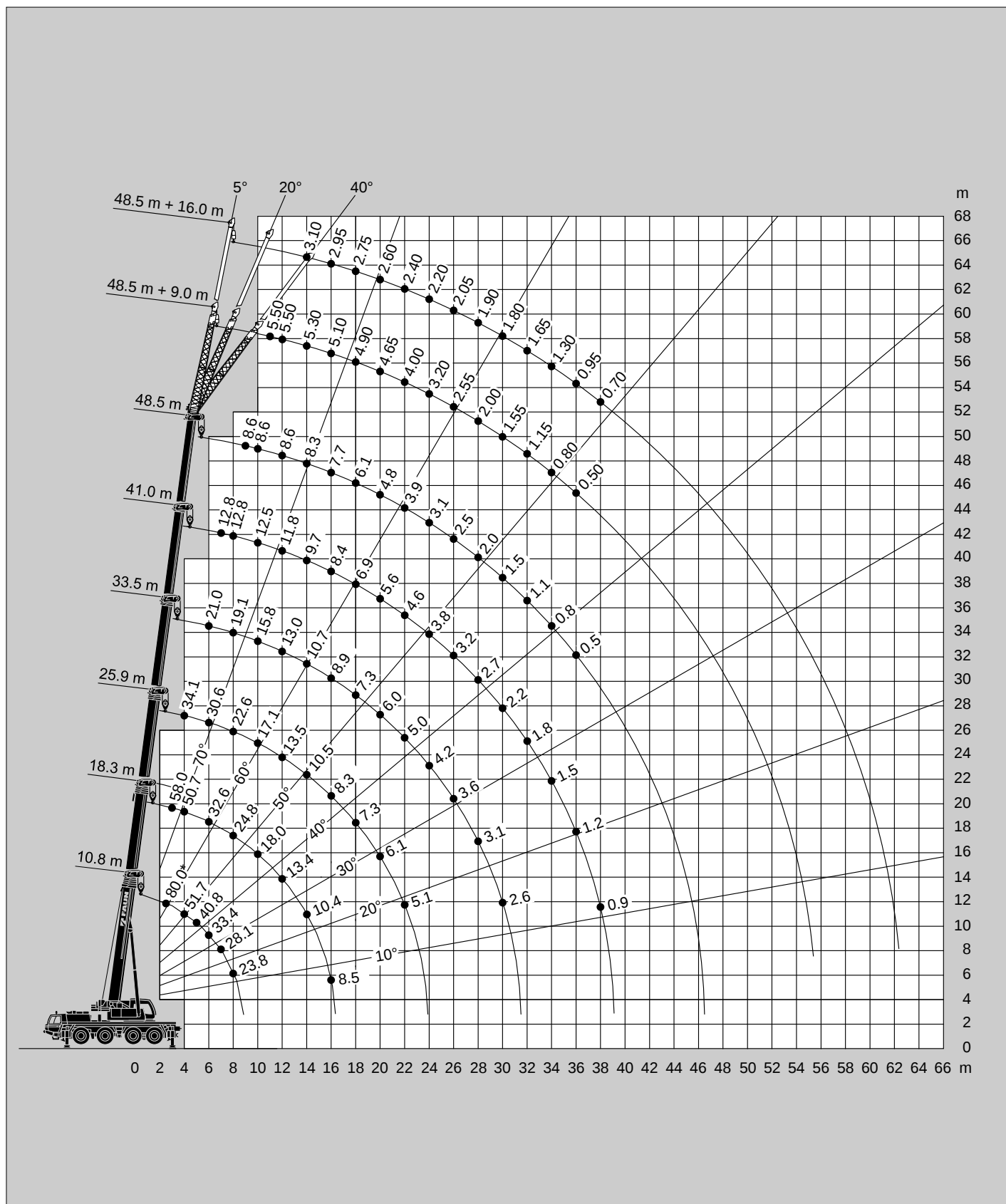


|     |           |     |     |
|-----|-----------|-----|-----|
| I   | 100 / 50  | 100 | 100 |
| II  | 100 / 100 | 100 | 100 |
| III | 100 / 100 | 100 | 100 |
| IV  | 100 / 100 | 100 | 100 |
| V   | 50 / 100  | 100 | 100 |

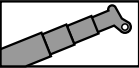
Hubhöhen  
Lifting heights  
Hauteurs de levage  
Alturas de elevación

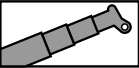


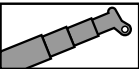
DIN/ISO



Tragfähigkeiten  
Lifting capacities  
Capacités de levage  
Capacidades de elevación

|    |  |  | <b>18t</b> | <b>DIN / ISO</b> |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|------------------|
|  m | 10.8 m                                                                            | 14.6 m                                                                            | 18.3 m     |                  |
| 3.0                                                                                | 19.1                                                                              | 19.6                                                                              | 20.0       |                  |
| 3.5                                                                                | 17.9                                                                              | 18.3                                                                              | 18.6       |                  |
| 4.0                                                                                | 16.8                                                                              | 17.3                                                                              | 17.5       |                  |
| 4.5                                                                                | 15.8                                                                              | 16.2                                                                              | 16.5       |                  |
| 5.0                                                                                | 14.8                                                                              | 15.3                                                                              | 15.6       |                  |
| 6.0                                                                                | 12.4                                                                              | 13.4                                                                              | 14.0       |                  |
| 7.0                                                                                | 9.9                                                                               | 10.9                                                                              | 11.4       |                  |
| 8.0                                                                                | 8.1                                                                               | 9.0                                                                               | 9.6        |                  |
| 9.0                                                                                |                                                                                   | 7.6                                                                               | 8.1        |                  |
| 10.0                                                                               |                                                                                   | 6.5                                                                               | 7.0        |                  |
| 11.0                                                                               |                                                                                   | 5.6                                                                               | 6.1        |                  |
| 12.0                                                                               |                                                                                   | 4.9                                                                               | 5.4        |                  |
| 14.0                                                                               |                                                                                   |                                                                                   | 4.2        |                  |
| 16.0                                                                               |                                                                                   |                                                                                   | 3.3        |                  |
| 18.0                                                                               |                                                                                   |                                                                                   |            |                  |
| 20.0                                                                               |                                                                                   |                                                                                   |            |                  |
| 22.0                                                                               |                                                                                   |                                                                                   |            |                  |

|    |  |  | <b>12.7t</b> | <b>DIN / ISO</b> |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|------------------|
|  m | 10.8 m                                                                             | 14.6 m                                                                              | 18.3 m       |                  |
| 3.0                                                                                 | 17.3                                                                               | 18.0                                                                                | 18.3         |                  |
| 3.5                                                                                 | 15.7                                                                               | 16.4                                                                                | 16.8         |                  |
| 4.0                                                                                 | 14.4                                                                               | 15.1                                                                                | 15.5         |                  |
| 4.5                                                                                 | 13.2                                                                               | 13.9                                                                                | 14.3         |                  |
| 5.0                                                                                 | 12.2                                                                               | 12.9                                                                                | 13.3         |                  |
| 6.0                                                                                 | 10.4                                                                               | 11.2                                                                                | 11.6         |                  |
| 7.0                                                                                 | 9.0                                                                                | 9.8                                                                                 | 10.2         |                  |
| 8.0                                                                                 | 7.8                                                                                | 8.6                                                                                 | 9.0          |                  |
| 9.0                                                                                 |                                                                                    | 7.6                                                                                 | 8.1          |                  |
| 10.0                                                                                |                                                                                    | 6.6                                                                                 | 7.2          |                  |
| 11.0                                                                                |                                                                                    | 5.6                                                                                 | 6.2          |                  |
| 12.0                                                                                |                                                                                    | 4.8                                                                                 | 5.5          |                  |
| 14.0                                                                                |                                                                                    |                                                                                     | 4.2          |                  |
| 16.0                                                                                |                                                                                    |                                                                                     | 3.2          |                  |
| 18.0                                                                                |                                                                                    |                                                                                     |              |                  |
| 20.0                                                                                |                                                                                    |                                                                                     |              |                  |
| 22.0                                                                                |                                                                                    |                                                                                     |              |                  |

|    |  |  | <b>6t</b> | <b>DIN / ISO</b> |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|------------------|
|  m | 10.8 m                                                                              | 14.6 m                                                                              | 18.3 m    |                  |
| 3.0                                                                                  | 20.6                                                                                | 21.0                                                                                | 20.0      |                  |
| 3.5                                                                                  | 16.4                                                                                | 17.6                                                                                | 18.6      |                  |
| 4.0                                                                                  | 13.4                                                                                | 14.5                                                                                | 15.2      |                  |
| 4.5                                                                                  | 11.2                                                                                | 12.3                                                                                | 12.9      |                  |
| 5.0                                                                                  | 9.6                                                                                 | 10.6                                                                                | 11.2      |                  |
| 6.0                                                                                  | 7.2                                                                                 | 8.1                                                                                 | 8.7       |                  |
| 7.0                                                                                  | 5.5                                                                                 | 6.5                                                                                 | 7.0       |                  |
| 8.0                                                                                  | 4.3                                                                                 | 5.2                                                                                 | 5.7       |                  |
| 9.0                                                                                  |                                                                                     | 4.3                                                                                 | 4.8       |                  |
| 10.0                                                                                 |                                                                                     | 3.5                                                                                 | 4.0       |                  |
| 11.0                                                                                 |                                                                                     | 2.9                                                                                 | 3.4       |                  |
| 12.0                                                                                 |                                                                                     | 2.5                                                                                 | 2.9       |                  |
| 14.0                                                                                 |                                                                                     |                                                                                     | 2.1       |                  |
| 16.0                                                                                 |                                                                                     |                                                                                     | 1.5       |                  |
| 18.0                                                                                 |                                                                                     |                                                                                     |           |                  |
| 20.0                                                                                 |                                                                                     |                                                                                     |           |                  |
| 22.0                                                                                 |                                                                                     |                                                                                     |           |                  |

## 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.

Die zulässige Windgeschwindigkeit beträgt maximal 15 m/sec.

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 Spitze.

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.

## 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.

The maximum permissible wind speed for crane operation is  
15 m/sec.

The lifting capacities shown are 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.

## 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.

La grue peut travailler aux vitesses de vent allant jusqu'à 15 m/s.

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.

## 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.

La velocidad anemométrica max. admisible es de 15 m/seg.

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

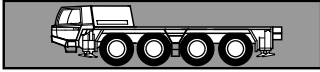
Hay que deducir los pesos del gancho, eslingas y de otros dispositivos  
para fijación de cargas de los valores indicados en las tablas.

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 modificaciones de aquellos  
valores.



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

**Abstützung** 4-Punkt-Abstützung, hydraulisch, Bedienungsmöglichkeiten an beiden Seiten des Fahrgestelles und in der Oberwagenkabine. Abstützbasis 7,2 m (und 5,0 m) x 8,59 m.

**Motor** Mercedes-Benz 6-Zylinder-Dieselmotor OM 501 LA (Euromot 2 / EPA 2), wassergekühlt, Leistung 315 kW (428 PS) bei 1800 min<sup>-1</sup>. Drehmoment 2000 Nm (204 kpm) bei 1080 min<sup>-1</sup>.

**Getriebe** ZF-AS-Tronic 12AS 2302 mechanisches Schaltgetriebe mit 12 Vorwärts- und 2 Rückwärtsgängen.

**Antrieb** 8 x 6

#### Achsen

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

**Achsaufhängung** Hydropneumatische Federung mit Niveauregulierung.

**Bremsen** Druckluft-Zweikreis-Bremsanlage mit ABV System. Feststellbremse als Federspeicherbremse an der 2., 3. und 4. Achse wirkend. Dauerbremse als Konstantdrosselanlage mit Auspuffklappenbremse.

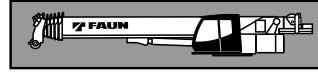
**Räder** 8-fach 16.00 R 25

**Lenkung** ZF-Halbblock-Zweikreis-Hydraulenlenkung. Mechanische Lenkung der 1. und 2. Achse, hydraulisch unterstützt, Notlenkpumpe. Lenkung aller Achsen möglich. Hydrostatische Lenkung aller Achsen aus der Oberwagenkabine.

**Unterwagenkabine** Zwei-Mann-Frontfahrerhaus in Stahl-Kunststoff-Verbund-Konstruktion, Sicherheitsverglasung, luftgefederte Sitze und motorabhängige Warmwasserheizung, Kontroll- und Bedienungselemente für den Fahrbetrieb.

**Elektrische Anlage** 24 Volt-Gleichstrom, 2 Batterien. Die elektrische Anlage entspricht der EG-Norm.

**Zusatzausrüstung** (gegen Mehrpreis) Anhängerkupplung, Zusatzheizung, Motorvorwärmung, Klimaanlage, 8 x 8 Antrieb, Wirbelstrombremse, 14.00 R 25 Bereifung, 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.

**Motor** Mercedes-Benz 4-Zylinder-Dieselmotor OM 904 LA (Euromot 2 / EPA 2), wassergekühlt. Leistung 125 kW (170 PS) bei 2300 min<sup>-1</sup>. Drehmoment 660 Nm (67 kpm) bei 1200 min<sup>-1</sup> (Motorleistung nach DIN 6270B / DIN 6271).

**Hydraulik System** Diesel-hydraulisch mit 3-Kreis-Hydraulik, 1 leistungsgeregelte Axialkolbendoppelpumpe (elektrisch verstellbar und Cross-Sensing) und 1 Zahnrad-Doppelpumpe.

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

**Teleskopausleger** Sechsteiliger, kastenförmiger Teleskopausleger, bestehend aus einem Grundaussleger und 5 Teleskopteilen, hydraulisch unter Teillast teleskopierbar. 10,8 m - 48,5 m lang.

**Wippwerk** Ein Differentialzylinder mit angebautelem Senkbremssperrentil.

**Hubwerk** Axialkolben-Konstant-Motor, Hubwerkstrommel mit eingebautem Planetengetriebe und federbelasteter Hydro-Lamellenbremse mit integriertem Freilauf beim Heben. Hubseil mit "Superstop"-Einrichtung.

**Drehwerk** Konstant-Motor, zweistufiges Planetengetriebe mit fußbetätigter Betriebsbremse und Feststellung. Drehgeschwindigkeit stufenlos von 0 - 2 min<sup>-1</sup>.

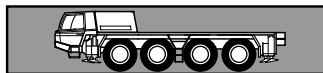
**Gegengewicht** Gesamtgewicht 7 t teilbar. Die Bedienung erfolgt aus der Oberwagenkabine.

**Oberwagenkabine** Großräumige Krankabine in Stahl-Kunststoffausführung mit Sicherheitsverglasung mit getönten Scheiben, kippbarem Arbeitsplatz mit verstellbarem, gefederten, gedämpftem Fahrersitz, motorabhängige und motorunabhängige Warmwasserheizung (mit Motor-Vorwärmung), Kontroll- und Bedienungselemente für Kranbetrieb, Verfahrbarkeit vom Oberwagen und Abstützbetätigung.

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

**Sicherheitseinrichtungen** Lastmomentbegrenzung (LMB), Hubendschalter, Windenendschalter, Seilwindendrehmelder, Sicherheitsventile gegen Rohr- und Schlauchbrüche. Sperrventile an Hydraulik-Zylindern.

**Zusatzausrüstung** (gegen Mehrpreis) Auslegerverlängerung 9,0 m - 16,0 m lang, abwinkelbar (5°, 20° und 40°), Zusatzgegengewicht 11 t, 6 t Hakengeschild, 20 t, 40 t und 63 t Unterflasche, 2. Hubwerk (Seilzug 68 kN 1. Lage), Klimaanlage, Sonderlackierung und Beschriftung. Weitere Zusatzausrüstung auf Anfrage.



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

**Outriggers** 4 point hydraulic outriggers with controls on both sides of carrier and in superstructure cab. Outrigger base 7.2 m (and 5.0 m) x 8.59 m.

**Carrier engine** Mercedes-Benz 6 cylinder model OM 501 LA (Euromot 2/EPA 2), water-cooled diesel engine. Rated at 315 kW (428 HP) at 1800 rpm. Torque 2000 Nm (204 kpm) at 1080 rpm.

**Transmission** ZF-AS-Tronic model 12AS2302 with 12 forward and 2 reverse gears.

**Drive** 8 x 6

#### Axles

1<sup>st</sup> axle: steered, driven, with differential lock, transverse.

2<sup>nd</sup> axle: steered, not driven.

3<sup>rd</sup> axle: steered, driven, with differential locks longitudinal and transverse.

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

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

**Brake system** Service brakes: dual circuit compressed air system with ABS. Parking brake: spring loaded type acting on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> axles. Auxiliary brakes: engine exhaust brake and constant throttle engine brake system.

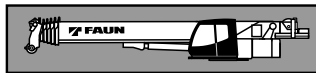
**Tyres** (8) 16.00 R 25.

**Steering system** From carrier cab: ZF semi-block dual circuit hydraulic steering, mechanical steering of front two axles with hydraulic assistance, emergency steering pump. Steering of all axles possible. All axles steered hydrostatically from superstructure cab.

**Carrier cab** Two man full width cab of composite (steel sheet metal and fibre-glass) structure, with safety glass, air-cushioned adjustable seats, engine dependent hot-water heater. Complete controls and instrumentation for road travel.

**Electrical system** 24 volt DC system, 2 batteries, conforms with EEC regulations.

**Optional Equipment** (at extra charge) Towing attachment, additional heater, engine pre-heat, air conditioning, 8 x 8 drive, eddy current retarder brake, 14.00 R 25 tyres, 20.5 R 25 tyres, spare wheel and tyre, 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.

**Superstructure engine** Mercedes-Benz 4 cylinder model OM 904 LA (Euromot 2/EPA 2), water cooled, diesel engine. Rated at 125 kW (170 HP) at 2300 rpm. Torque 660 Nm (67 kpm) at 1200 rpm (engine rating according to DIN 6270B / DIN 6271).

**Hydraulic system** Three circuit diesel hydraulic system with 1 powercontrolled axial piston double pump (electrically adjustable and with "Cross Sensing") and 1 double gear pump.

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

**Telescopic boom** 6 section box type construction of high tensile, fine-grained steel, consisting of 1 base section and 5 telescoping sections. All telescope sections extendable under partial load. 10.8 m to 48.5 m long.

**Derricking system** 1 double acting hydraulic cylinder with integral brake and holding valve.

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

**Slewing system** Constant displacement motor with two-stage planetary reduction with a foot actuated service and a parking brake. Speed infinitely variable 0 - 2 rpm.

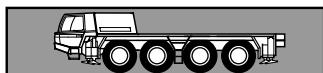
**Counterweight** Standard 7 t divisible, assembled and disassembled by hydraulic cylinders controlled from superstructure cab.

**Superstructure cab** Spacious panoramic cab of composite (steel sheet metal and fibre-glass) structure, with safety (tinted) glass windows, adjustable, cushioned seat together with instrumentation panel and crane controls are reclining, one engine dependent hot-water heater and one engine independent hot-water heater (with engine pre-heat). Complete controls and instrumentation for crane operation, on-site travelling and outriggers.

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

**Safety devices** Load moment device (LMD), hoist limit switch, lower limit switch, drum turn indicator, safety valves against pipe and hose rupture, holding valves on hydraulic cylinders.

**Optional Equipment** (at extra charge) Telescopic boom extension 9.0 m -16.0 m long (offsets 5°, 20° and 40°), additional counterweight 11 t, 6 t headache ball, 20 t, 40 t and 63 t hook block, auxiliary winch (line pull 68 kN 1<sup>st</sup> layer), air conditioning. Special painting and lettering. Further optional equipment available upon request.



**Châssis** Construction mécano-soudée, en acier fin, résistante aux flexions et aux torsions.

**Calage** Calage à 4 points, complètement hydraulique. Commande des stabilisateurs latéralement à gauche et à droite du châssis et à partir de la cabine du grutier. Calage 7,2 m (aussi 5,0 m) x 8,59 m.

**Moteur** Mercedes Benz diesel de 6 cylindres, modèle OM 501 LA (Euromot 2/ EPA 2), refroidi par eau, de 315 kW (428 CV) à 1800 tr./min. Couple: 2000 Nm (204 kpm) à 1080 tr./min.

**Boîte de vitesse** Boîte mécanique ZF-AS-Tronic, modèle 12AS 2302, avec 12 vitesses AV et 2 vitesses AR.

**Entraînement** 8 x 6

## Essieux

1<sup>er</sup> essieu: directeur, entraîné, blocage de différentiel entre-roues

2<sup>ème</sup> essieu: directeur, non entraîné

3<sup>ème</sup> essieu: directeur, entraîné, blocage de différentiel longitudinal et entre-roues

4<sup>ème</sup> essieu: directeur, entraîné, blocage de différentiel entre-roues

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

**Freins** Système à air comprimé, à double circuit, avec système ABS. Frein de stationnement: avec accumulateurs à ressort agissant sur le 2<sup>ème</sup>, 3<sup>ème</sup> et 4<sup>ème</sup> essieu. Frein continu: Frein sur échappement avec étrangleur

**Pneus** 8 x 16.00 R 25

**Direction** Semi-bloc à double circuit, marque ZF. Direction mécanique du 1<sup>er</sup> et 2<sup>ème</sup> essieu, à assistance hydraulique, avec pompe de direction auxiliaire. Direction de tous les essieux possible. Direction hydro-statique de tous les essieux depuis la cabine du grutier.

**Cabine** Cabine bi-place, construction en matière combinée acier / synthétique. Vitrage en verre de sécurité, sièges à suspension pneumatique. Chauffage à eau chaude relié au moteur. Organes de contrôle et de commande pour la conduite.

**Système électrique** 24 V courant continu, 2 batteries, conforme aux normes CE.

**Équipement supplémentaire** (contre supplément de prix) Attache-remorque, chauffage auxiliaire, préchauffage du moteur, climatisation, entraînement 8 x 8, frein électrique, pneus 14.00 R 25, pneus 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°.

**Moteur** Mercedes Benz diesel de 4 cylindres, modèle OM 904 LA (Euromot 2/ EPA 2), refroidi par eau, de 125 kW (170 CV) à 2300 tr./min. Couple: 660 Nm (67 kpm) à 1200 tr./min. (Puissance selon DIN 6270B / DIN 6271).

**Système hydraulique** Diesel-hydraulique à 3 circuits, 1 double pompe à pistons axiaux à régulation de puissance (à réglage électrique et cross-sensing) et 1 pompe à engrenages.

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

**Flèche télescopique** 1 flèche de base et 5 éléments télescopiques, hydrauliquement télescopables aussi sous charge partielle. Flèche en forme de caisson avec une logueur de 10,8 m à 48,5 m.

**Mécanisme de relevage** 1 vérin différentiel muni de clapet de freinage de descente.

**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 2 gammes. Frein de service actionné par l'intermédiaire d'une pédale et frein de stationnement. Vitesse de rotation 0 à 2 tr./min. en continu.

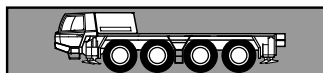
**Contrepoids** Poids total 7 t divisible, commandé depuis la cabine du grutier.

**Cabine du grutier** Cabine de grue spacieuse, construction en matière combinée acier / synthétique, avec vitrage de sécurité en verre teinté, siège réglable et amorti hydrauliquement, inclinable avec instruments de commande, chauffage à eau chaude dépendant et indépendant du moteur (avec préchauffage du moteur), éléments de commande et de contrôle pour travaux sur chantier, conduite et calage de la grue depuis la cabine du grutier.

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

**Dispositifs de sécurité** Limiteur de charge (CEC), interrupteur de fin de course de levage et de treuil, indicateur du nombre de tours, soupapes de sécurité contre ruptures des conduites et flexibles, clapets sur vérins hydrauliques.

**Équipement supplémentaire** (contre supplément de prix) Fléchette de 9,0 m à 16,0 m, inclinable à 5°, 20° et 40°, contre-poids additionnel de 11 t, crochet de 6 t, moufles de 20 t, 40 t et 63 t, 2<sup>ème</sup> treuil de levage (effort au brin simple 68 kN 1<sup>er</sup> brin), climatisation, peinture spéciale et inscription. Autres équipements supplémentaires sur demande.



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

**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: 7,2 m (y 5,0 m) x 8,59 m.

**Motor** Mercedes Benz modelo OM 501 LA (Euromot 2/EPA 2), 6 cilindros, diesel, refrigerado por agua. Nominal 315 kW (428 HP) a 1800 rpm. Par 2000 Nm (204 kpm) a 1080 rpm.

**Transmisión** Transmisión mecánica ZF tipo AS-Tronic, modelo 12AS 2302, con 12 marchas adelante y 2 marchas atrás.

**Tracción** 8 x 6

## Ejes

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

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

**Sistemas de frenos** Accionamiento neumático de doble circuito con sistema anti bloqueo ABS. Freno de estacionamiento del tipo muelles cargados, liberados por aire, sobre los ejes 2º, 3º y 4º. Freno continuo: sistema estrangulador constante y freno tipo estrangulación sobre el escape del motor diesel.

**Neumáticos** 8 x 16.00 R 25

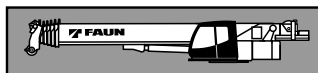
**Dirección** Hidráulica ZF semibloqueo de doble circuito. Giro mecánico sobre los ejes 1º y 2º, asistido hidráulicamente. Bomba hidráulica de emergencia accionada por la transmisión. Dirección de todos los ejes posible. Desde la cabina de la superestructura: dirección hidro-estática de ambos ejes.

**Cabina** Cabina para dos personas, en construcción de acero y fibra de vidrio. Cristales de seguridad, asiento con suspensión neumática, calefacción por agua caliente del motor. Elementos de control e instrumentos para circulación por carretera.

**Sistema eléctrico** Sistema de 24 V c.c. con 2 baterías, de acuerdo con las normas CE.

## Equipo adicional (con suplemento de precio)

Embrague de remolque, calefacción adicional, precalefacción del motor, climatización, tracción 8 x 8, freno eléctrico, neumáticos 14.00 R 25, neumáticos 20.5 R 25, rueda de repuesto, pintura especial e inscripción. Otros equipos adicionales bajo demanda.



**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 de 360°.

**Motor** Mercedes Benz modelo OM 904 LA (Euromot 2/EPA 2), 4 cilindros, diesel, refrigerado por agua. Nominal 125 kW (170 HP) a 2300 rpm. Par 660 Nm (67 kpm) a 1200 rpm. (Potencia del motor según DIN 6270B/DIN 6271)

**Sistema hidráulico** Sistema hidráulico de 3 circuitos, 1 bomba doble de pistones axiales de caudal variable (regulable eléctricamente) y una bomba de engranajes.

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

**Pluma telescópica** 6 secciones del tipo cajón, un tramo base y 5 telescópicos. Los tramos se pueden telescopar hidráulicamente bajo carga. Longitud de 10.8 m a 48,5 m.

**Elevación de pluma** Mediante un cilindro hidráulico de doble efecto con válvula de retención integrada.

**Cabrestante principal** Motor hidráulico de pistones axiales y caudal fijo. Tambor del cabrestante con reducción planetaria y freno de discos múltiples con muelles cargados. Cable de elevación con sistema de enhebrado fácil y "Super-Stop".

**Sistema de giro** Motor hidráulico con reducción planetaria de dos etapas. Freno de servicio controlado por pedal y freno de estacionamiento. Velocidad de giro variable de 0 a 2 rpm.

**Contrapeso** Peso total de 7 t divisible, accionado desde la cabina de la grúa.

**Cabina de la grúa** Cabina espaciosa, en construcción de acero y fibra de vidrio, con cristales coloreados de seguridad. Asiento del operador regulable amortiguado hidráulicamente, inclinable junto con los instrumentos y mandos, calefacción por agua caliente dependiente y independiente del motor (con precalefacción del motor). Controles, instrumentos y mandos de conducción para la operación de la grúa y para el desplazamiento en obra. Mandos para nivelación y extensión de los estabilizadores.

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

**Dispositivos de seguridad** Dispositivo de momento de carga, interruptor de límite de elevación y de carrera del cabrestante. Indicador de vueltas del tambor. Válvulas de seguridad contra rotura de tuberías y latiguillos, válvulas de retención en los cilindros hidráulicos.

## Equipo adicional (con suplemento de precio)

Plumín de 9,0 m a 16,0 m, acodable en 5°, 20° y 40°, contrapeso suplementario de 11 t, gancho de bola de 6 t, ganchos de 20 t, 40 t y 63 t, segundo cabrestante (tiro por ramal de 68 kN capa 1), climatización, pintura especial e inscripción. Otros equipos adicionales bajo demanda.

Hakenhöhen / Kopfhöhen  
 Hook height / Tip height  
 Hauteurs sous crochet / Hauteurs tête de flèche  
 Altura del gancho / Altura de la punta

