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# 125 K

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EN 14439:2009 – C25  
Technical Data

## LIEBHERR

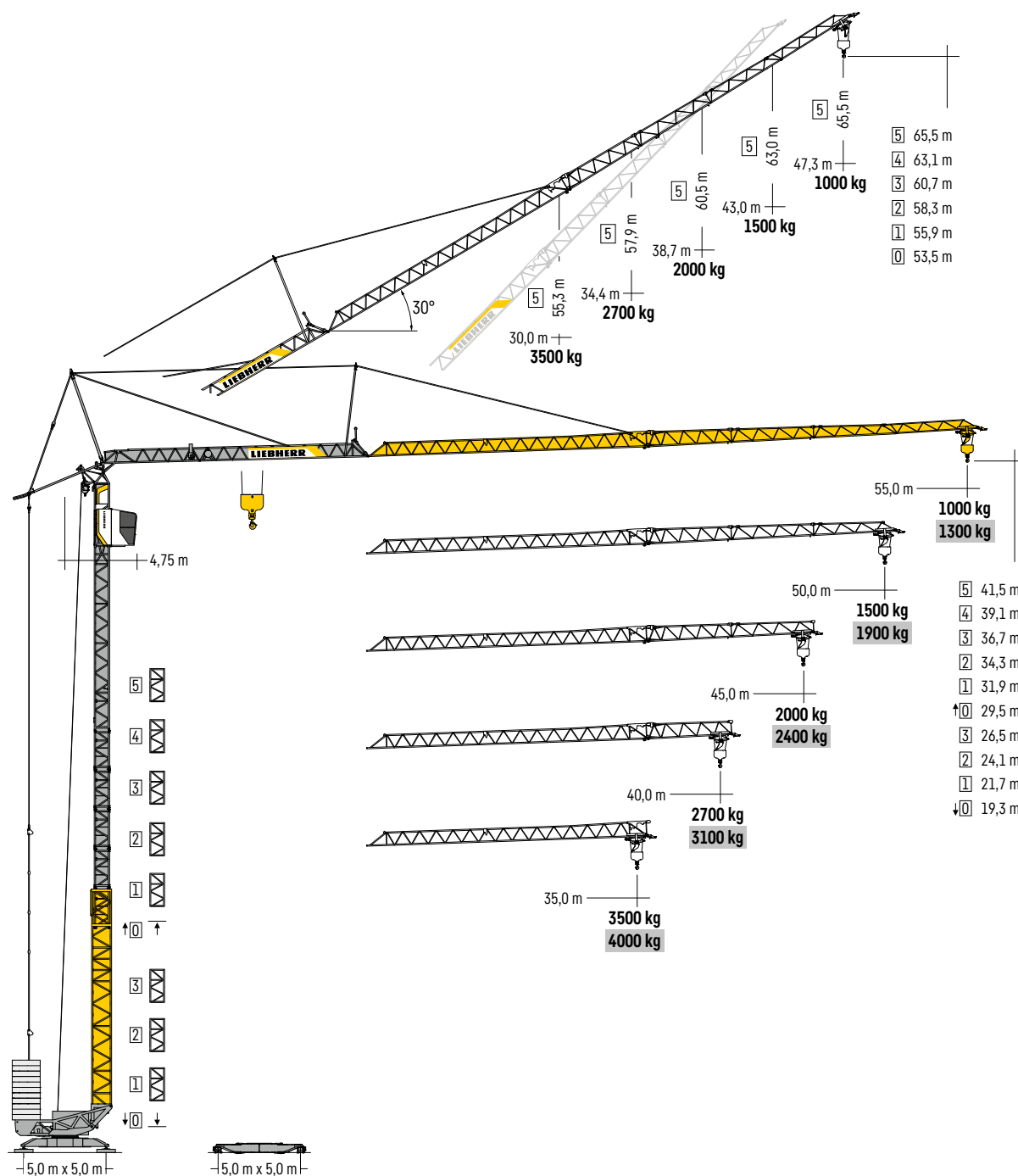
Tower Cranes



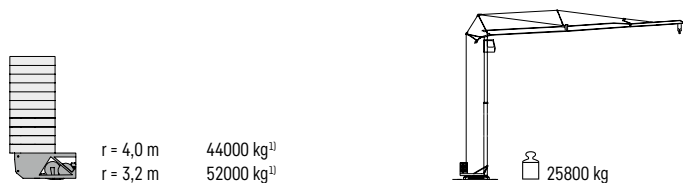
# **125 K**

|                                                                                                                                                                                                                                                                          |           |
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| <b>Kranbetrieb und Transport</b> • Crane operation and transport<br>Exploitation de la grue et transport • Funzionamento della gru e trasporto<br>Accionamiento de grúa y transporte • Operação e transporte de guindastes<br>Эксплуатация крана и транспортировка ..... | <b>04</b> |
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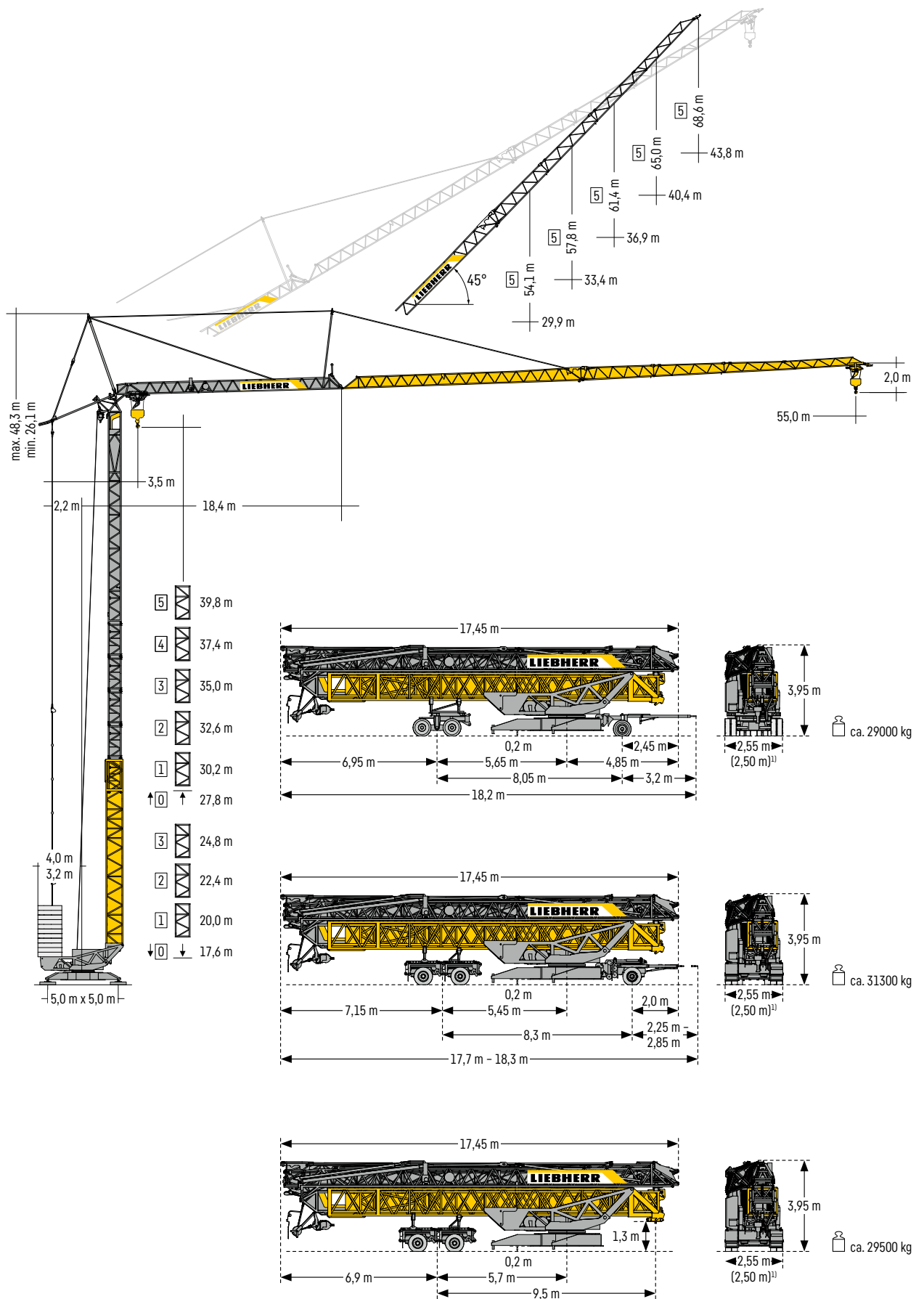
# Kranbetrieb und Transport • Crane operation and transport • Exploitation de la grue et transport • Funzionamento della gru e trasporto • Accionamiento de grúa y transporte • Operação e transporte de guindastes • Эксплуатация крана и транспортировка



## Gewichte • Weights • Poids • Pesi • Pesos • Pesos • Macca



<sup>1)</sup> Siehe Betriebsanleitung. • See instruction manual. • Voir manuel de service. • Vedi manuale d'istruzione. • Ver manual de instrucción. • Ver manual de instruções. • См. инструкцию по эксплуатации.



# Ausladung und Tragfähigkeit • Radius and capacity • Portée et charge • Sbraccio e portata Alcances y cargas • Alcance e capacidade de carga • Вылет и грузоподъемность

## Load-Plus

| m    |  | kg   | m    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |                                                                                   |      | 8,0  | 12,0 | 16,0 | 20,0 | 24,0 | 28,0 | 32,0 | 35,0 | 38,0 | 40,0 | 42,0 | 45,0 | 48,0 | 50,0 | 52,0 | 55,0 |
| 55,0 | 3,5 - 8,9                                                                         | 8000 | 8000 | 6320 | 4950 | 4030 | 3370 | 2880 | 2500 | 2260 | 2060 | 1940 | 1830 | 1680 | 1550 | 1470 | 1400 | 1300 |
| 50,0 | 3,5 - 10,3                                                                        | 8000 | 8000 | 7170 | 5750 | 4770 | 4060 | 3510 | 3080 | 2810 | 2580 | 2440 | 2310 | 2140 | 1990 | 1900 |      |      |
| 45,0 | 3,5 - 12,2                                                                        | 8000 |      | 8000 | 6480 | 5360 | 4540 | 3930 | 3440 | 3140 | 2880 | 2730 | 2590 | 2400 |      |      |      |      |
| 40,0 | 3,5 - 14,5                                                                        | 8000 |      |      | 8000 | 7380 | 6090 | 5150 | 4450 | 3900 | 3560 | 3270 | 3100 |      |      |      |      |      |
| 35,0 | 3,5 - 16,3                                                                        | 8000 |      |      | 8000 |      | 6740 | 5730 | 4970 | 4370 | 4000 |      |      |      |      |      |      |      |

→ kg

## LM 1

| m    |  | kg   | m    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |                                                                                   |      | 8,0  | 12,0 | 16,0 | 20,0 | 24,0 | 28,0 | 32,0 | 35,0 | 38,0 | 40,0 | 42,0 | 45,0 | 48,0 | 50,0 | 52,0 | 55,0 |
| 55,0 | 3,5 - 8,9                                                                         | 8000 | 8000 | 6010 | 4510 | 3560 | 2910 | 2440 | 2080 | 1860 | 1680 | 1570 | 1470 | 1340 | 1220 | 1150 | 1090 | 1000 |
| 50,0 | 3,5 - 10,3                                                                        | 8000 | 8000 | 6970 | 5330 | 4280 | 3540 | 3000 | 2590 | 2330 | 2120 | 1990 | 1870 | 1720 | 1580 | 1500 |      |      |
| 45,0 | 3,5 - 12,2                                                                        | 8000 |      | 8000 | 6190 | 4950 | 4090 | 3470 | 2990 | 2700 | 2450 | 2310 | 2180 | 2000 |      |      |      |      |
| 40,0 | 3,5 - 14,5                                                                        | 8000 |      |      | 8000 | 7250 | 5780 | 4770 | 4040 | 3490 | 3150 | 2870 | 2700 |      |      |      |      |      |
| 35,0 | 3,5 - 16,3                                                                        | 8000 |      |      | 8000 |      | 6460 | 5320 | 4500 | 3880 | 3500 |      |      |      |      |      |      |      |

→ kg

## Auslegerstellung 30° • Jib position 30° • Position de flèche 30° • Posizione del braccio 30° Posición de la pluma 30° • Posição da lança 30° • Положение стрелы 30°

|      |                                                                                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|------|------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|      |                                                                                    |      | m    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| m    | m                                                                                  | kg   | 8,0  | 12,0 | 16,0 | 20,0 | 24,0 | 28,0 | 30,0 | 32,0 | 34,4 | 36,0 | 38,0 | 38,7 | 42,0 | 43,0 | 46,0 | 47,3 |  |
| 55,0 | 3,5 - 15,5                                                                         | 4000 | 4000 |      | 3870 | 3030 | 2460 | 2040 | 1870 | 1730 | 1570 | 1480 | 1370 | 1340 | 1190 | 1150 | 1040 | 1000 |  |
| 50,0 | 3,5 - 18,5                                                                         | 4000 | 4000 |      |      | 3680 | 3030 | 2540 | 2350 | 2170 | 1990 | 1880 | 1760 | 1720 | 1550 | 1500 |      |      |  |
| 45,0 | 3,5 - 21,3                                                                         | 4000 | 4000 |      |      |      | 3500 | 2950 | 2720 | 2520 | 2310 | 2190 | 2050 | 2000 |      |      |      |      |  |
| 40,0 | 3,5 - 24,6                                                                         | 4000 | 4000 |      |      |      |      | 3450 | 3180 | 2940 | 2700 |      |      |      |      |      |      |      |  |
| 35,0 | 3,5 - 27,4                                                                         | 4000 | 4000 |      |      |      |      | 3870 | 3500 |      |      |      |      |      |      |      |      |      |  |
|      |                                                                                    |      | k    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |

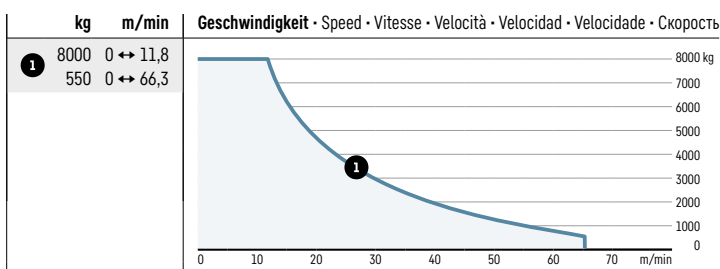
→ kg

Load-Plus = Abweichende Geschwindigkeiten und Betriebsbedingungen. • Variant speeds and service conditions. • Vitesses et conditions de fonctionnement différentes.  
Differenti velocità e condizioni di funzionamento. • Otras velocidades y características de funcionamiento. • Outras velocidades e características de funcionamento.  
Нестандартные скорости и условия эксплуатации.

## Antriebe • Driving units • Mécanismes d'entraînement • Meccanismi Mecanismos • Mecanismos • Приводы

### 18 kW FU

  
stufenlos • stepless  
régl. continu • regl. progressiva  
sin escalones • sem degraus  
бесступенчатый

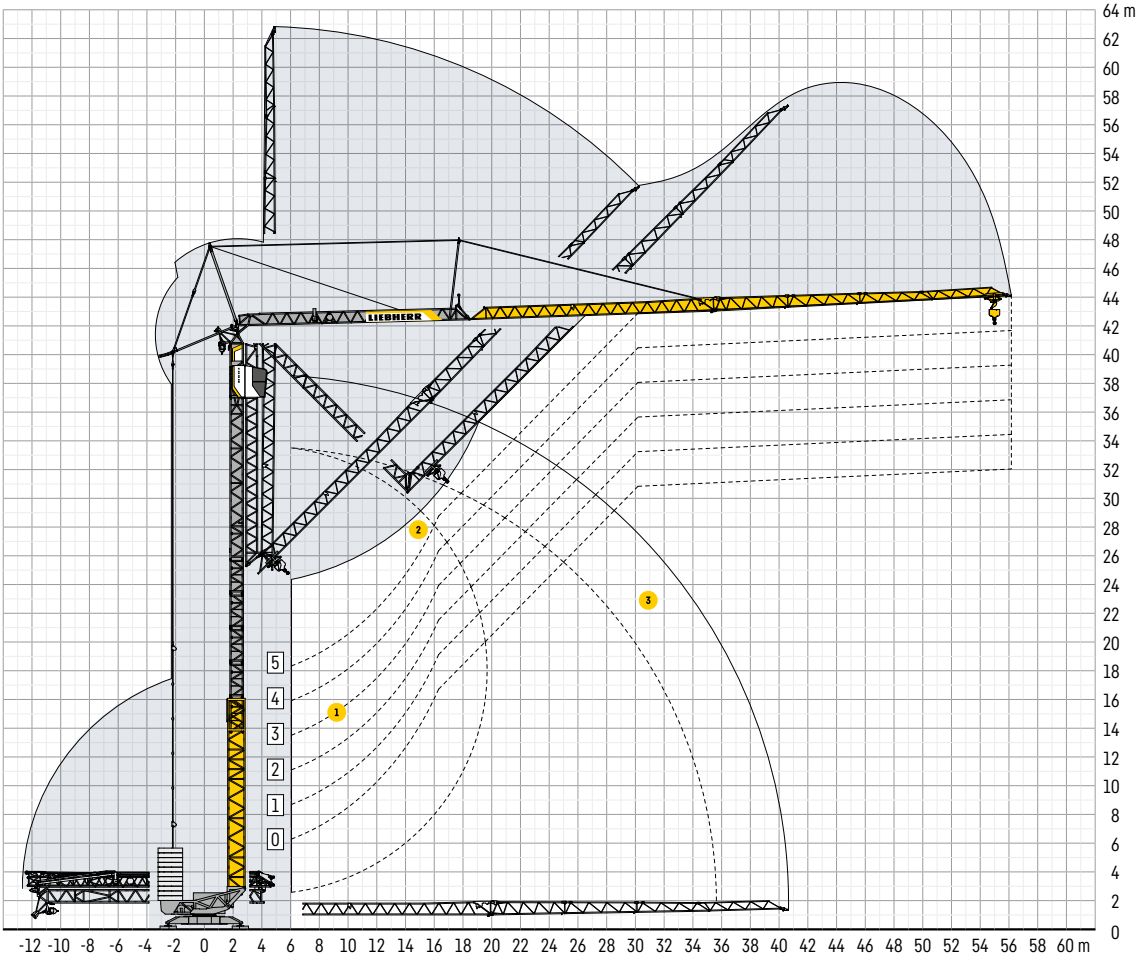


### BGL

 C.O.03.0125

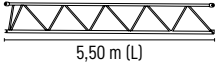
|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
| 0 ↔ 0,8 U/min • sL./min • tr./min<br>7,5 kW FU                                      | 0 ↔ 71 m/min<br>3,7 kW FU                                                           | 0 ↔ 23 m/min<br>2 x 3,0 kW FU                                                       | 0 - 45°, 105 sec.<br>4,0 kW FU                                                      | 380 - 440 V<br>50 - 60 Hz<br>26,0 kVA (FU)                                            |

**Aufstellvorgang** • Erection procedure • Déroulement de montage • Procedimento di montaggio  
Procedimiento de montaje • Sistema de montagem • Процесс развертывания

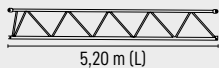
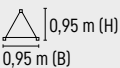
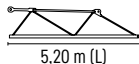
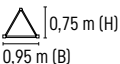
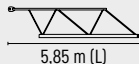
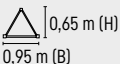
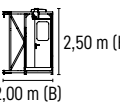
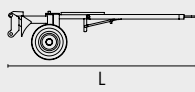
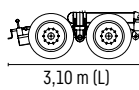
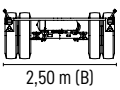
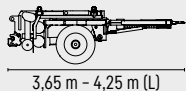
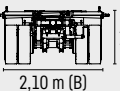
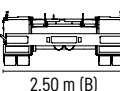
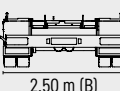


- 1 **Standard Aufstellkurven von 0 bis 5 Turmstücken (50 m)** • Standard erecting curves from 0 to 5 tower sections (50 m) • Courbes de montage standard de 0 à 5 éléments de mât (50 m) • Curve di montaggio standard con 0 fino a 5 elementi torre (50 m) • Curvas de montaje estándar (0 - 5 tramos de torre) (50 m) • Curvas padrão de montagem de 0 até 5 segmentos de torre (50 m) • Стандартная монтажная высота с 0 - 5 башенными секциями (50 м)
- 2 **Erhöhte Aufstellkurve (+6 m) am Beispiel von 5 Turmstücken (50 m)** • Elevated erecting curve (+6 m) using the example of 5 tower sections (50 m) • Courbe de montage élevée (+6 m) en prenant pour exemple 5 éléments de mât (50 m) • Elevata curva di montaggio (+6 m), come per esempio con 5 elementi di torre (50 m) • Curva de montaje elevada (+6 m): ejemplo con 5 tramos (50 m) • Curva elevada de montagem (+6 m) como exemplo para 5 segmentos de torre (50 m) • Увеличенная монтажная высота (+6 м) на примере 5-ти башенных секций (50 м)
- 3 **Aufstellkurve 55 m Ausladung** • Erecting curve 55 m radius • Courbe de montage 55 m portée • Curva di montaggio 55 m sbraccio • Curva de montaje 55 m alcances • Curva de montagem 55 m alcance • Увеличенная монтажная 55 м вылет

**Kolli-Liste** • Packing List • Liste de colisage • Lista dei colli • Lista de contenido  
Lista de embalagem • Упаковочный лист

| P <sub>1</sub> | A <sub>1</sub> | Beschreibung • Description • Description • Descrizione • Descripción • Descrição • Описание                                                                                                                                                                                                                                       |                                                                                              |                                                                                       |            |      |
|----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------|------|
| 1<br>2         | 4<br>2*        | <b>Turmstück (ohne/mit Turmauflage)</b> • Tower section (without/<br>with tower support) • Élément de mât (sans/avec support de mât)<br>Elemento di torre (senza/con pedana di servizio) • Tramo de torre (sin/<br>con soporte de torre) • ramo de torre (sem/com suporte de torre)<br>Башенная секция (без/с опорными выступами) |         |  |            |      |
|                |                |                                                                                                                                                                                                                                                                                                                                   | L (m)                                                                                        | B (m)                                                                                 | H (m)      | kg   |
|                |                |                                                                                                                                                                                                                                                                                                                                   | 2,55                                                                                         | 1,10                                                                                  | 0,95       | 650  |
|                |                |                                                                                                                                                                                                                                                                                                                                   | 2,55                                                                                         | 1,10                                                                                  | 0,95       | 850* |
| 3              | 1              | <b>Ausleger-Verlängerung 35,0 m – 40,0 m</b> • Jib extension<br>Rallonge de la flèche • Elemento estensione braccio<br>Prolongación de pluma • Extensão da lança • Удлинение стрелы                                                                                                                                               |         |  | 1,05 m (H) |      |
|                |                |                                                                                                                                                                                                                                                                                                                                   | 5,50 m (L)                                                                                   | 0,95 m (B)                                                                            |            |      |
|                |                |                                                                                                                                                                                                                                                                                                                                   |  330 kg |                                                                                       |            |      |

P<sub>1</sub> = Position • Item • Position • Posizione • Posición • Posição • Положение    A<sub>1</sub> = Anzahl • Quantity • Nombre • Numero • Cantidad • Número • Количество

| P <sub>1</sub> | A <sub>1</sub> | Beschreibung • Description • Description • Descrizione • Descripción • Descrição • Описание                                                                                                                                                                                                                                                                       |                                                                                      |                                                                                       |                                   |                                                                                                                                                                                                  |       |       |       |    |             |      |      |     |  |  |  |     |
|----------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|----|-------------|------|------|-----|--|--|--|-----|
| 4              | 1              | <b>Ausleger-Verlängerung 40,0 m – 45,0 m</b> • Jib extension<br>Rallonge de la flèche • Elemento estensione braccio<br>Prolongación de pluma • Extensão da lança • Удлинение стрелы                                                                                                                                                                               |    |    | 0,95 m (H)<br>0,95 m (B)          |  200 kg                                                                                                         |       |       |       |    |             |      |      |     |  |  |  |     |
| 5              | 1              | <b>Ausleger-Verlängerung 45,0 m – 50,0 m</b> • Jib extension<br>Rallonge de la flèche • Elemento estensione braccio<br>Prolongación de pluma • Extensão da lança • Удлинение стрелы                                                                                                                                                                               |    |    | 0,75 m (H)<br>0,95 m (B)          |  160 kg                                                                                                         |       |       |       |    |             |      |      |     |  |  |  |     |
| 6              | 1              | <b>Ausleger-Verlängerung 50,0 m – 55,0 m</b> • Jib extension<br>Rallonge de la flèche • Elemento estensione braccio<br>Prolongación de pluma • Extensão da lança • Удлинение стрелы                                                                                                                                                                               |    |    | 0,65 m (H)<br>0,95 m (B)          |  130 kg                                                                                                         |       |       |       |    |             |      |      |     |  |  |  |     |
| 7              | 1              | <b>Kabine</b> • Cabin • Cabine • Cabina • Cabina • Cabina • Кабина                                                                                                                                                                                                                                                                                                |     |    | 2,50 m (H)<br>2,00 m (B)          |  900 kg                                                                                                         |       |       |       |    |             |      |      |     |  |  |  |     |
| 8              | 1              | <b>Transportachse vorne</b> • Road transport axle front<br>Essieux de transport avant • Asse di trasporto anteriore<br>Eje delantero para transporte • Eixo de transporte dianteiro<br>Транспортировочная ось, передняя                                                                                                                                           |    |    | L<br>B                            | <table><tr><th>L (m)</th><th>B (m)</th><th>H (m)</th><th>kg</th></tr><tr><td>3,65 – 4,15</td><td>1,45</td><td>1,10</td><td>920</td></tr><tr><td></td><td></td><td></td><td>920</td></tr></table> | L (m) | B (m) | H (m) | kg | 3,65 – 4,15 | 1,45 | 1,10 | 920 |  |  |  | 920 |
| L (m)          | B (m)          | H (m)                                                                                                                                                                                                                                                                                                                                                             | kg                                                                                   |                                                                                       |                                   |                                                                                                                                                                                                  |       |       |       |    |             |      |      |     |  |  |  |     |
| 3,65 – 4,15    | 1,45           | 1,10                                                                                                                                                                                                                                                                                                                                                              | 920                                                                                  |                                                                                       |                                   |                                                                                                                                                                                                  |       |       |       |    |             |      |      |     |  |  |  |     |
|                |                |                                                                                                                                                                                                                                                                                                                                                                   | 920                                                                                  |                                                                                       |                                   |                                                                                                                                                                                                  |       |       |       |    |             |      |      |     |  |  |  |     |
|                |                | Tra 100 KY 6<br>Tra 100 KY 6 A                                                                                                                                                                                                                                                                                                                                    |                                                                                      |                                                                                       |                                   |                                                                                                                                                                                                  |       |       |       |    |             |      |      |     |  |  |  |     |
| 9              | 1              | <b>Transportachse hinten Tra 204</b> • Road transport axle behind<br>Essieux de transport arrière • Asse di trasporto posteriore<br>Eje trasero para transporte • Eixo de transporte traseiro<br>Транспортировочная ось, задняя                                                                                                                                   |   |   | 3,10 m (L)<br>2,50 m (B)          |  1900 kg                                                                                                      |       |       |       |    |             |      |      |     |  |  |  |     |
| 10             | 1              | <b>Transportachse vorne LiTRAX HS-121</b> • Road transport axle front<br>Essieux de transport avant • Asse di trasporto anteriore<br>Eje delantero para transporte • Eixo de transporte dianteiro<br>Транспортировочная ось, передняя                                                                                                                             |  |  | 3,65 m – 4,25 m (L)<br>2,10 m (B) |  1900 kg                                                                                                      |       |       |       |    |             |      |      |     |  |  |  |     |
| 11             | 1              | <b>Transportachse hinten LiTRAX HS-122 (ohne Lenkung)</b> • Road transport axle behind (without steering)<br>Essieux de transport arrière (sans direction)<br>Asse di trasporto posteriore (senza sterzo) • Eje trasero para transporte (sin sistema de dirección) • Eixo de transporte traseiro (sem esterço)<br>Транспортировочная ось, задняя (без управления) |  |  | 1,95 m (L)<br>2,50 m (B)          |  1600 kg                                                                                                      |       |       |       |    |             |      |      |     |  |  |  |     |
| 12             | 1              | <b>Transportachse hinten LiTRAX HS-123 (mit Lenkung)</b> • Road transport axle behind (with steering)<br>Essieux de transport arrière (avec direction)<br>Asse di trasporto posteriore (con sterzo) • Eje trasero para transporte (con sistema de dirección) • Eixo de transporte traseiro (com esterço)<br>Транспортировочная ось, задняя (с управлением)        |  |  | 1,95 m (L)<br>2,50 m (B)          |  1700 kg                                                                                                      |       |       |       |    |             |      |      |     |  |  |  |     |

P<sub>1</sub> = Position • Item • Position • Posizione • Posición • Posição • Положение A<sub>1</sub> = Anzahl • Quantity • Nombre • Numero • Cantidad • Número • Количество

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Con riserva di modifiche!

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Sujeto a modificações!

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