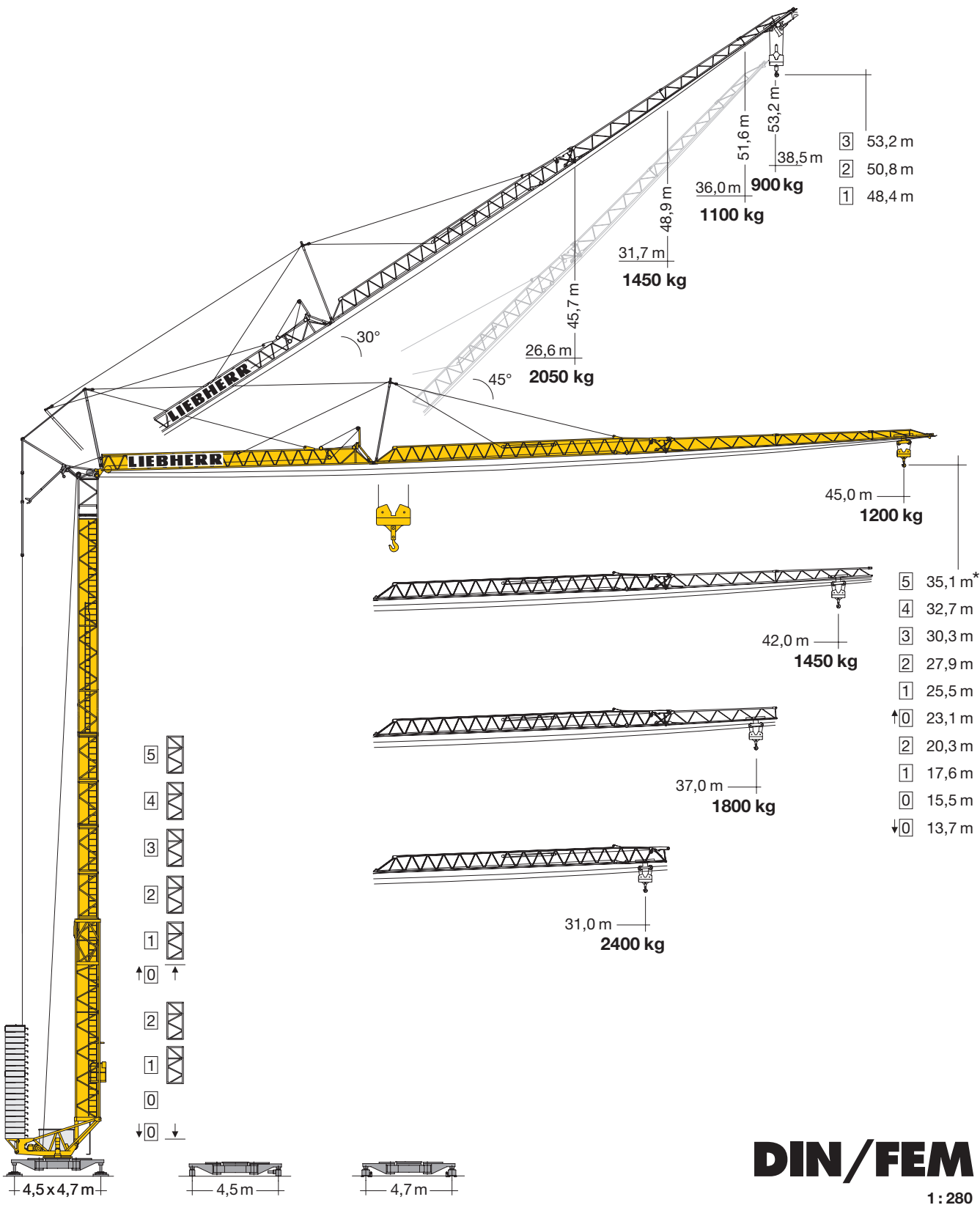




# Turmdrehkran 71K

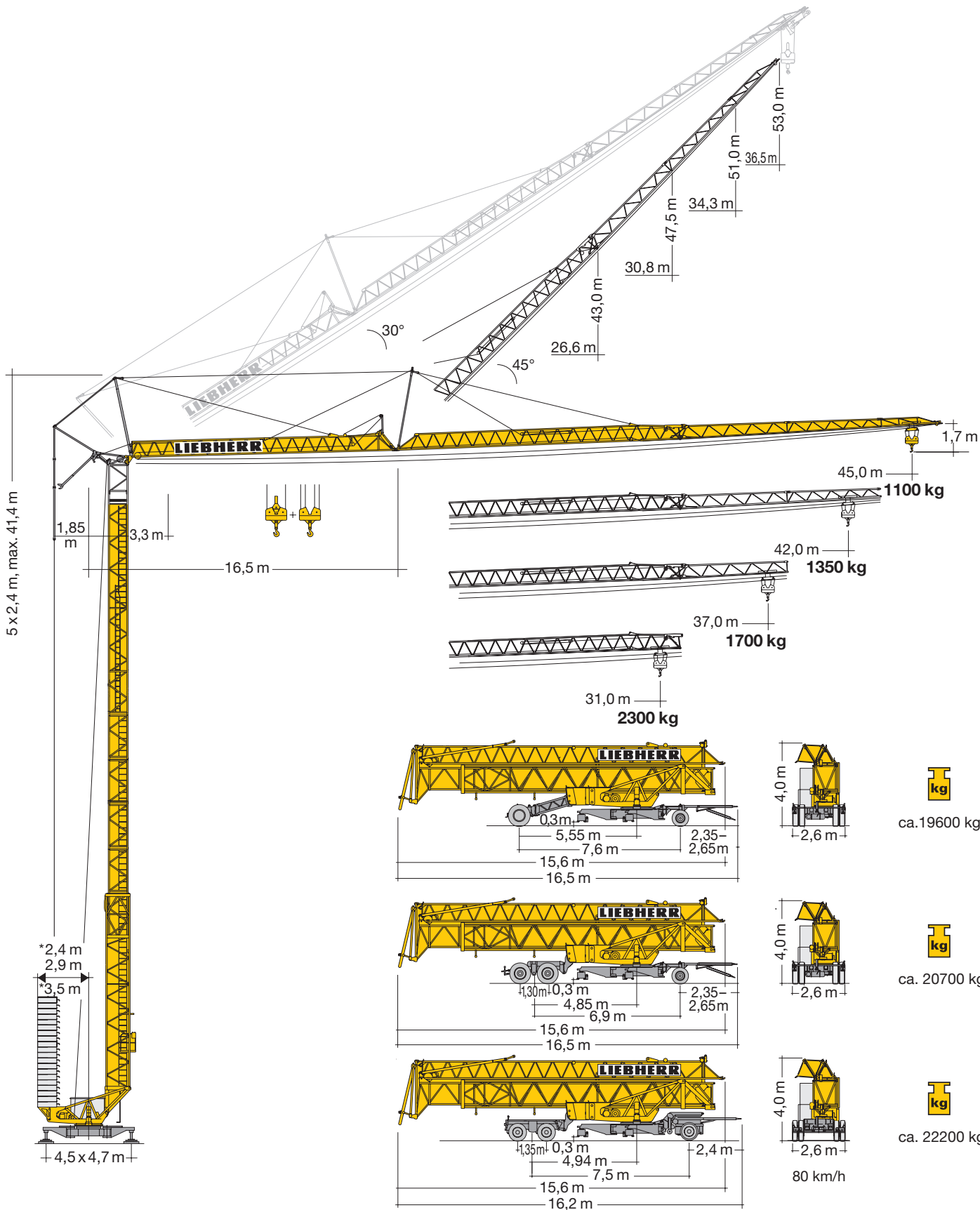
Tower Crane / Grue à tour / Gru a torre  
Grúa torre / Guindaste de torre



**DIN/FEM**

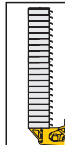
1 : 280

# LIEBHERR



## Gewicht

Weight / Poids / Peso / Peso / Pesos



r = 3,5 m 29280 kg  
r = 2,9 m 36600 kg  
r = 2,4 m 36600 kg



16500 kg

\* siehe Betriebsanweisung. / see instruction manual. / voir manuel de service. / vedi manuale d'istruzione. / ver manual de instrucción. ver manual de instruções.



# Ausladung und Tragfähigkeit

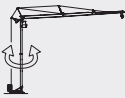
Radius and capacity / Portée et charge / Sbraccio e portata / Alcances y cargas / Alcance e capacidade de carga

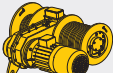
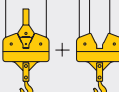
| m    | m/kg                                                                              |  | m/kg 2,9/3,5 m                                                                    |                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|      |                                                                                   |                                                                                   | 18,0                                                                              | 20,0           | 22,0 | 24,0 | 26,0 | 28,0 | 29,0 | 30,0 | 31,0 | 32,0 | 33,0 | 34,0 | 35,0 | 36,0 | 37,0 | 38,0 | 39,0 | 40,0 | 41,0 | 42,0 | 43,0 | 44,0 | 45,0 |      |  |  |
| 45,0 | 3,3 – 20,3<br>3050                                                                |  | 3050                                                                              | 3050           | 2790 | 2530 | 2310 | 2120 | 2040 | 1960 | 1890 | 1820 | 1750 | 1690 | 1630 | 1580 | 1530 | 1480 | 1430 | 1390 | 1350 | 1310 | 1270 | 1240 | 1200 |      |  |  |
| 42,0 | 3,3 – 22,1<br>3050                                                                |  | 3050                                                                              | 3050           | 3050 | 2780 | 2540 | 2340 | 2240 | 2160 | 2080 | 2000 | 1930 | 1870 | 1800 | 1750 | 1690 | 1640 | 1590 | 1540 | 1490 | 1450 |      |      |      |      |  |  |
| 37,0 | 3,3 – 23,3<br>3050                                                                |  | 3050                                                                              | 3050           | 3050 | 2950 | 2700 | 2480 | 2390 | 2290 | 2210 | 2130 | 2060 | 1990 | 1920 | 1860 | 1800 |      |      |      |      |      |      |      |      |      |  |  |
| 31,0 | 3,3 – 25,0<br>3050                                                                |  | 3050                                                                              | 3050           | 3050 | 3050 | 2920 | 2690 | 2590 | 2490 | 2400 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
| m    |  | m/kg                                                                              |  | m/kg 2,9/3,5 m |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|      |                                                                                   |                                                                                   |                                                                                   | 10,0           | 11,0 | 12,0 | 13,0 | 14,0 | 16,0 | 18,0 | 20,0 | 22,0 | 24,0 | 26,0 | 28,0 | 30,0 | 31,0 | 33,0 | 35,0 | 37,0 | 39,0 | 41,0 | 42,0 | 43,0 | 44,0 | 45,0 |  |  |
| 45,0 |  | 3,3 – 20,0<br>3000                                                                |  | 6000           | 5810 | 5290 | 4850 | 4470 | 3860 | 3390 | 3000 | 2690 | 2430 | 2210 | 2030 | 1860 | 1790 | 1650 | 1540 | 1430 | 1330 | 1250 | 1210 | 1170 | 1140 | 1100 |  |  |
| 42,0 |  | 3,3 – 21,7<br>3000                                                                |  | 6000           | 6000 | 5780 | 5310 | 4900 | 4230 | 3710 | 3300 | 2960 | 2680 | 2440 | 2240 | 2060 | 1980 | 1830 | 1710 | 1590 | 1490 | 1390 | 1350 |      |      |      |  |  |
| 37,0 |  | 3,3 – 22,9<br>3000                                                                |  | 6000           | 6000 | 6000 | 5620 | 5190 | 4490 | 3940 | 3510 | 3150 | 2850 | 2600 | 2380 | 2200 | 2110 | 1960 | 1820 | 1700 |      |      |      |      |      |      |  |  |
| 31,0 |  | 3,3 – 24,7<br>3000                                                                |  | 6000           | 6000 | 6000 | 6000 | 5610 | 4850 | 4270 | 3800 | 3410 | 3090 | 2820 | 2590 | 2390 | 2300 |      |      |      |      |      |      |      |      |      |  |  |

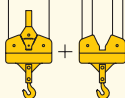
| m    | m/kg               |  | Auslegersteilstellung 30° / Elevated jib 30° / Flèche inclinée 30°<br>Braccio inclinato a 30° / Pluma inclinada 30° / Lança inclinada 30° |      |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |                    |                                                                                   | m/kg                                                                                                                                      |      | 2,9/3,5 m |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      |                    |                                                                                   | 14,0                                                                                                                                      | 15,0 | 16,0      | 18,0 | 20,0 | 22,0 | 24,0 | 25,0 | 26,0 | 26,6 | 28,0 | 30,0 | 31,0 | 31,7 | 33,0 | 34,0 | 35,0 | 36,0 | 37,0 | 38,0 | 38,5 |
| 45,0 | 3,1 – 14,3<br>3000 |                                                                                   | 3000                                                                                                                                      | 2970 | 2760      | 2400 | 2120 | 1890 | 1700 | 1610 | 1530 | 1490 | 1390 | 1270 | 1220 | 1180 | 1120 | 1070 | 1030 | 990  | 950  | 910  | 900  |
| 42,0 | 3,1 – 15,4<br>3000 |                                                                                   | 3000                                                                                                                                      | 3000 | 3000      | 2620 | 2310 | 2060 | 1850 | 1760 | 1680 | 1640 | 1530 | 1400 | 1340 | 1300 | 1230 | 1180 | 1140 | 1100 |      |      |      |
| 37,0 | 3,1 – 16,9<br>3000 |                                                                                   | 3000                                                                                                                                      | 3000 | 3000      | 2870 | 2540 | 2270 | 2050 | 1950 | 1860 | 1810 | 1690 | 1550 | 1490 | 1450 |      |      |      |      |      |      |      |
| 31,0 | 3,1 – 18,9<br>3000 |                                                                                   | 3000                                                                                                                                      | 3000 | 3000      | 3000 | 2860 | 2560 | 2310 | 2200 | 2100 | 2050 |      |      |      |      |      |      |      |      |      |      |      |

# Antriebe

Driving units / Mécanismes d'entraînement / Azionamenti / Mecanismos / Mecanismos

|                                                                                    |                                         |               |
|------------------------------------------------------------------------------------|-----------------------------------------|---------------|
|  | U/min.<br>0 ↔ 0,8<br>sl./min<br>tr./min | 5,0 kW EDC    |
|  | 0 ↔ 60,0 m/min                          | 2,8 kW FU     |
|  | 0 ↔ 25,0 m/min                          | 2 x 1,5 kW FU |
|  | 0 – 45°, 105 sec.                       | 4,0 kW FU     |

|                | Stufe / Step / Cran<br>Marcia / Velocidad<br>Velocidade                      kg                      m/min |              |              |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------|--------------|
| 15,0 kW FU<br> | 1                                                                                                          | 3000<br>6000 | 5,0<br>2,5   |
|                                                                                                    | 2                                                                                                          | 3000<br>6000 | 24,0<br>12,0 |
|                                                                                                    | 3                                                                                                          | 2100<br>4200 | 34,0<br>17,0 |
|                                                                                                    | 4                                                                                                          | 1300<br>2600 | 58,0<br>29,0 |

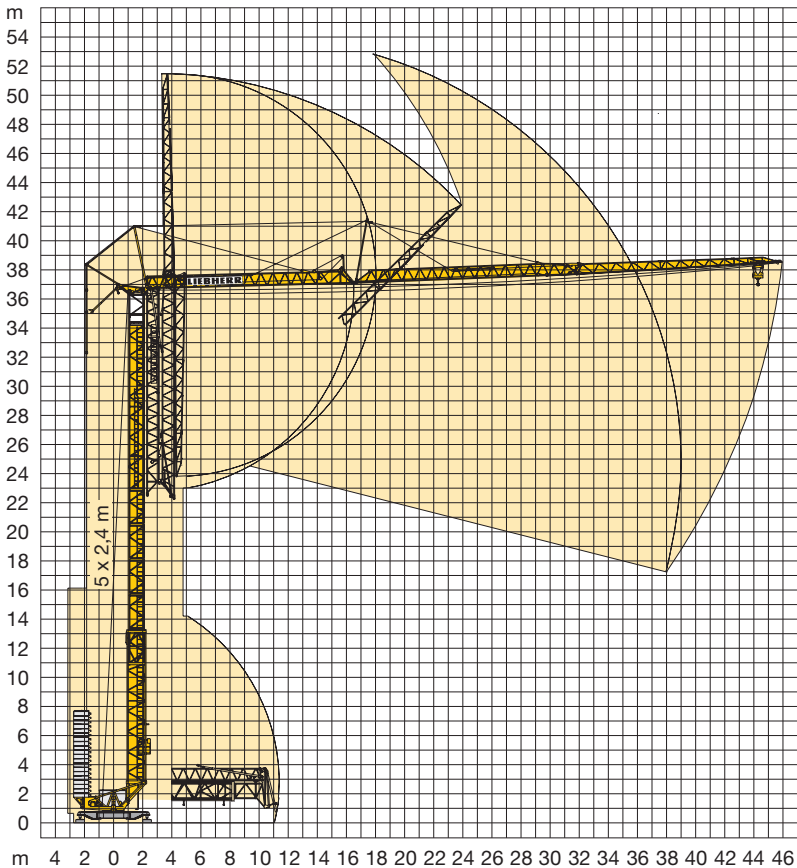
|     |                                                                                     |             |
|-----|-------------------------------------------------------------------------------------|-------------|
| BGL |  | C.0.08.0063 |
|-----|-------------------------------------------------------------------------------------|-------------|

|  | 400 V     | Hz | kVA     |
|-------------------------------------------------------------------------------------|-----------|----|---------|
| 87,0 m                                                                              | 4 x 6 mm² | 50 | 21,0 FU |



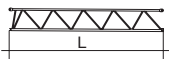
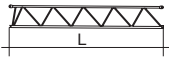
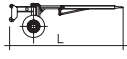
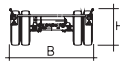
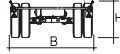
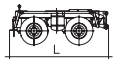
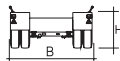
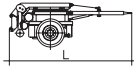
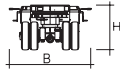
Aufstellvorgang

Erection procedure / Déroulement de montage  
Procedimento di montaggio / Procedimiento de montaje / Sistema de montagem



Kolli-Liste

Packing List / Liste de colisage / Lista dei colli / Lista de contenido / Lista de embalagem

| Pos. | Anz. | Qty. |                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                      | L (m)                                                                                | B (m)       | H (m) | kg   |                   |
|------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------|-------|------|-------------------|
| Item |      |      |                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                      |                                                                                      |             |       |      |                   |
| Rep. |      |      |                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                      |                                                                                      |             |       |      |                   |
| Voce |      |      |                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                      |                                                                                      |             |       |      |                   |
| Pos. |      |      |                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                      |                                                                                      |             |       |      |                   |
| Ref. |      |      |                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                      |                                                                                      |             |       |      |                   |
|      |      |      | <b>Turmstück (ohne/mit Turmauflage*)</b> / Tower section<br>(without/with tower support*) / Élément de mât (sans/<br>avec support de mât*) / Elemento di torre (senza/con<br>pedana di servizio*) / Tramo de torre (sin/con soporte<br>de torre*) / Tramo de torre (sem/com suporte de torre*) |  |  | 2,50                                                                                 | 1,10        | 1,10  | 490  |                   |
| 1    | 3    |      |                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                      | 2,50                                                                                 | 1,10        | 1,10  | 563* |                   |
| 2    | 1*   |      |                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                      |                                                                                      |             |       |      |                   |
| 3    | 1    |      | <b>Ausleger-Verlängerung</b> 31,0 m – 37,0 m<br>Jib extension / Rallonge de la flèche<br>Elemento estensione braccio<br>Prolongación de pluma / Extensão da lança                                                                                                                              |  |  | 6,40                                                                                 | 1,02        | 0,88  | 359  |                   |
| 4    | 1    |      | <b>Ausleger-Verlängerung</b> 37,0 m – 42,0 m<br>Jib extension / Rallonge de la flèche<br>Elemento estensione braccio<br>Prolongación de pluma / Extensão da lança                                                                                                                              |  |  | 5,10                                                                                 | 1,02        | 0,70  | 157  |                   |
| 5    | 1    |      | <b>Ausleger-Verlängerung</b> 42,0 m – 45,0 m<br>Jib extension / Rallonge de la flèche<br>Elemento estensione braccio<br>Prolongación de pluma / Extensão da lança                                                                                                                              |  |  | 3,10                                                                                 | 1,02        | 0,50  | 92   |                   |
| 6    | 1    |      | <b>Transportachse vorne</b><br>Road transport axle front / Essieux de transport<br>avant / Asse di trasporto anteriore / Eje delantero<br>para transporte / Eixo de transporte dianteiro                                                                                                       | Tra 100 KY 2<br>Tra 100 KY 6<br>Tra 100 KY 6 A                                      |   |  | 3,65 – 4,15 | 1,45  | 1,10 | 750<br>920<br>920 |
| 7    | 1    |      | <b>Transportachse hinten</b><br>Road transport axle behind / Essieux de transport<br>arrière / Asse di trasporto posteriore / Eje trasero<br>para transporte / Eixo de transporte traseiro                                                                                                     | Tra 120 GY 1 A<br>Tra 120 GY 1                                                      |   |  | 1,90        | 2,50  | 1,05 | 1100              |
| 8    | 1    |      | <b>Transportachse Tra 204</b> / Road transport axle<br>Essieux de transport / Assali par trasporto<br>Eje de transporte / Eixo de transporte                                                                                                                                                   |  |  | 3,10                                                                                 | 2,50        | 1,10  | 1900 |                   |
| 9    | 1    |      | <b>Transportachse hinten Tra 203</b><br>Road transport axle behind / Essieux de transport<br>arrière / Asse di trasporto posteriore / Eje trasero<br>para transporte / Eixo de transporte traseiro                                                                                             |  |  | 3,00                                                                                 | 2,50        | 1,20  | 2500 |                   |
| 10   | 1    |      | <b>Transportachse vorne Tra 115</b><br>Road transport axle front / Essieux de transport<br>avant / Asse di trasporto anteriore / Eje delantero<br>para transporte / Eixo de transporte dianteiro                                                                                               |  |  | 3,80                                                                                 | 2,50        | 1,28  | 1900 |                   |

Konstruktionsänderungen vorbehalten!  
Subject to alterations! / Sous réserves de modifications!  
Si fa riserva di modifiche! / ¡Sujeto a modificaciones!  
Salvo modificação da construçao!

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