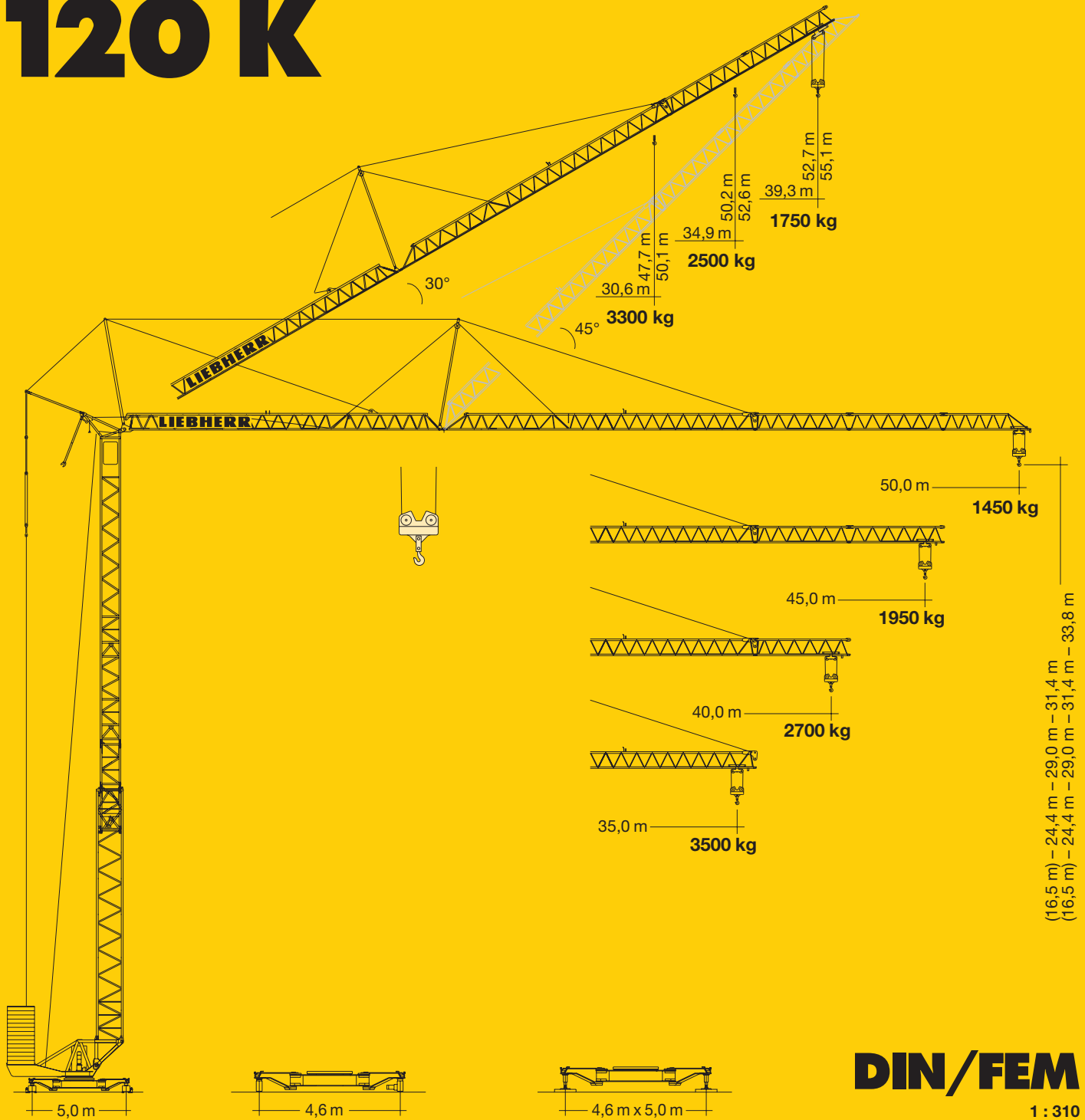
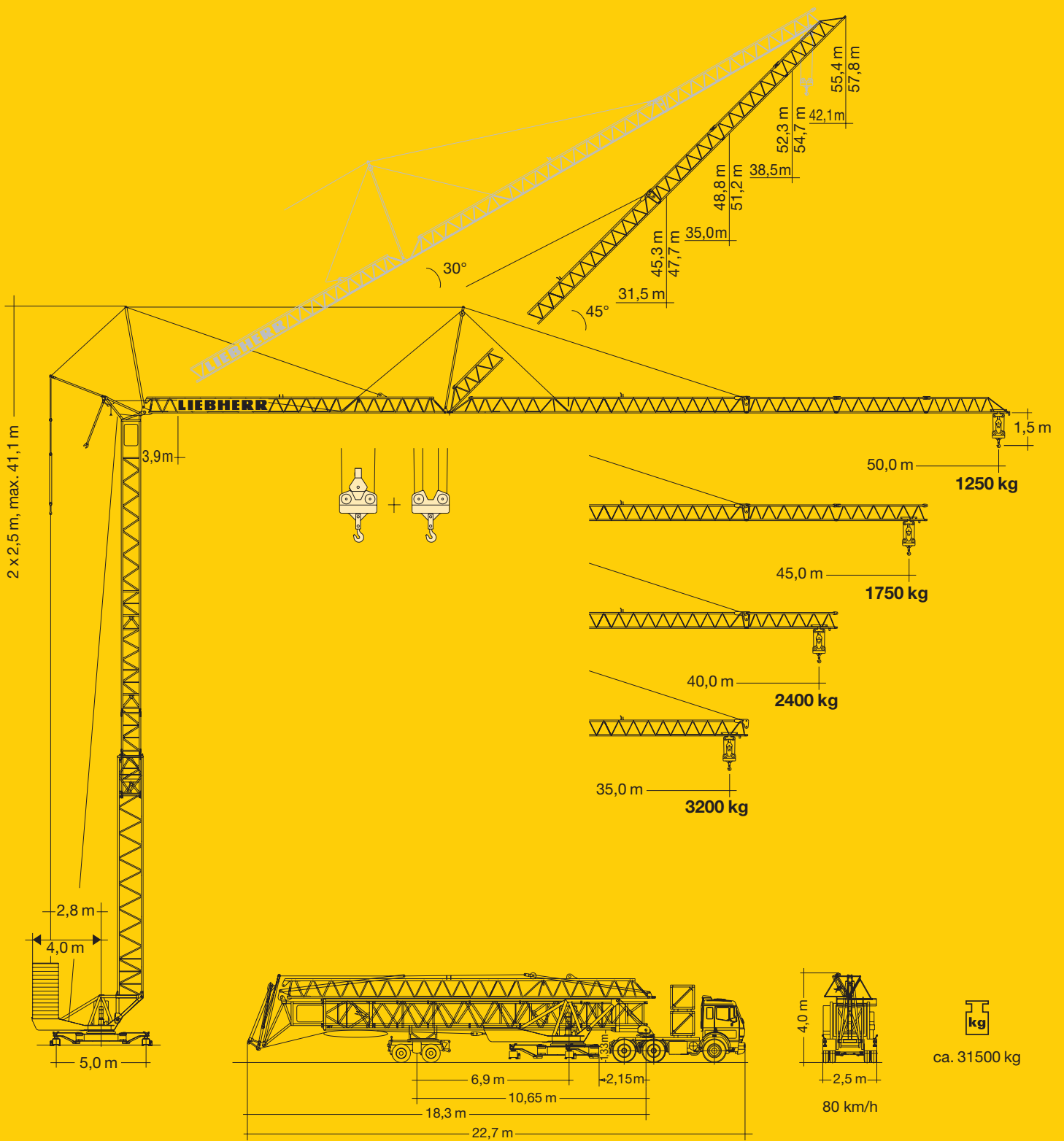


**Tower Crane / Grue à tour / Gru a torre  
Grúa torre / Guindaste de torre**

# Turmdrehkran 120 K



# LIEBHERR



# Gewicht

Weight / Poids / Peso / Peso / Pesos

|  |                  |                 |  |                 |
|--|------------------|-----------------|--|-----------------|
|  | <p>r = 4,0 m</p> | <p>44000 kg</p> |  | <p>28300 kg</p> |
|--|------------------|-----------------|--|-----------------|

# 120 K

# 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 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |                    | 21,0 | 22,0 | 24,0 | 26,0 | 28,0 | 30,0 | 31,0 | 32,0 | 33,0 | 35,0 | 36,0 | 37,0 | 38,0 | 40,0 | 41,0 | 42,0 | 43,0 | 45,0 | 46,0 | 48,0 | 50,0 |
| 50,0 | 3,9 - 19,4<br>4000 | 3620 | 3420 | 3070 | 2780 | 2540 | 2330 | 2230 | 2150 | 2060 | 1920 | 1850 | 1780 | 1720 | 1620 | 1560 | 1510 | 1470 | 1450 | 1450 | 1450 | 1450 |
| 45,0 | 3,9 - 22,5<br>4000 | 4000 | 4000 | 3690 | 3350 | 3060 | 2820 | 2710 | 2600 | 2510 | 2350 | 2250 | 2180 | 2100 | 1970 | 1950 | 1950 | 1950 | 1950 |      |      |      |
| 40,0 | 3,9 - 26,6<br>4000 | 4000 | 4000 | 4000 | 4000 | 3760 | 3460 | 3330 | 3210 | 3090 | 2880 | 2780 | 2700 | 2700 | 2700 |      |      |      |      |      |      |      |
| 35,0 | 3,9 - 29,8<br>4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 3960 | 3810 | 3670 | 3500 | 3500 |      |      |      |      |      |      |      |      |      |      |      |

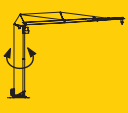
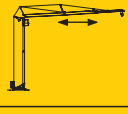


| m    | m/kg               | m/kg |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |                    | 21,0 | 22,0 | 24,0 | 26,0 | 28,0 | 30,0 | 31,0 | 32,0 | 33,0 | 35,0 | 36,0 | 37,0 | 38,0 | 40,0 | 41,0 | 42,0 | 43,0 | 45,0 | 46,0 | 48,0 | 50,0 |
| 50,0 | 3,9 - 18,9<br>4000 | 3470 | 3270 | 2910 | 2620 | 2370 | 2150 | 2060 | 1970 | 1880 | 1730 | 1660 | 1600 | 1540 | 1420 | 1370 | 1320 | 1270 | 1250 | 1250 | 1250 | 1250 |
| 45,0 | 3,9 - 21,8<br>4000 | 4000 | 3950 | 3530 | 3180 | 2890 | 2630 | 2520 | 2420 | 2320 | 2140 | 2060 | 1980 | 1910 | 1780 | 1750 | 1750 | 1750 | 1750 |      |      |      |
| 40,0 | 3,9 - 25,6<br>4000 | 4000 | 4000 | 4000 | 3930 | 3580 | 3280 | 3140 | 3020 | 2900 | 2690 | 2590 | 2500 | 2410 | 2400 |      |      |      |      |      |      |      |
| 35,0 | 3,9 - 28,6<br>4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 3770 | 3620 | 3470 | 3340 | 3200 |      |      |      |      |      |      |      |      |      |      |      |

| m    | m/kg               | m/kg |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |                    | 21,0 | 22,0 | 24,0 | 26,0 | 28,0 | 30,0 | 31,0 | 32,0 | 33,0 | 35,0 | 36,0 | 37,0 | 38,0 | 40,0 | 41,0 | 42,0 | 43,0 | 45,0 | 46,0 | 48,0 | 50,0 |
| 50,0 | 3,9 - 11,2<br>8000 | 3480 | 3270 | 2920 | 2620 | 2500 | 2500 | 2470 | 2370 | 2270 | 2100 | 2020 | 1940 | 1870 | 1740 | 1680 | 1620 | 1570 | 1470 | 1420 | 1330 | 1250 |
| 45,0 | 3,9 - 12,8<br>8000 | 4200 | 3950 | 3530 | 3500 | 3300 | 3020 | 2900 | 2780 | 2670 | 2470 | 2380 | 2290 | 2210 | 2060 | 1990 | 1930 | 1870 | 1750 |      |      |      |
| 40,0 | 3,9 - 14,8<br>8000 | 5150 | 4860 | 4610 | 4170 | 3800 | 3480 | 3340 | 3210 | 3080 | 2860 | 2760 | 2660 | 2570 | 2400 |      |      |      |      |      |      |      |
| 35,0 | 3,9 - 16,4<br>8000 | 6050 | 5710 | 5130 | 4640 | 4240 | 3890 | 3730 | 3580 | 3450 | 3200 |      |      |      |      |      |      |      |      |      |      |      |

| m    | m/kg               | Auslegersteilstellung 30° / Elevated jib 30° / Flèche inclinée 30°<br>Braccio inclinato a 30° / Pluma inclinada 30° / Lança inclinada 30° |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |                    | 22,0  | 23,0 | 24,0 | 25,0 | 26,0 | 27,0 | 28,0 | 29,0 | 30,0 | 30,6 | 31,0 | 32,0 | 33,0 | 34,0 | 34,9 | 35,0 | 36,0 | 37,0 | 38,0 | 39,0 | 39,3 |
| 39,3 | 3,7 - 18,5<br>4000 | 3200  | 3030 | 2870 | 2720 | 2590 | 2470 | 2350 | 2250 | 2150 | 2100 | 2060 | 1980 | 1900 | 1820 | 1760 | 1755 | 1750 | 1750 | 1750 | 1750 | 1750 |
| 34,9 | 3,7 - 22,1<br>4000 | 4000  | 3800 | 3600 | 3420 | 3260 | 3110 | 2970 | 2840 | 2730 | 2660 | 2620 | 2510 | 2500 | 2500 | 2500 |      |      |      |      |      |      |
| 30,9 | 3,7 - 24,9<br>4000 | 4000  | 4000 | 4000 | 3970 | 3790 | 3620 | 3460 | 3310 | 3300 | 3300 |      |      |      |      |      |      |      |      |      |      |      |

# Geschwindigkeiten

Speeds / Vitesses / Velocità / Velocidades / Velocidades

|  |                                      |            |
|--|--------------------------------------|------------|
|  | U/min.<br>0 - 0,8 sl./min<br>tr./min | 6,3 kW     |
|  | 10,0 / 33,0 / 67,0 m/min             | 5,0 kW     |
|  | 25,0 m/min                           | 2 x 2,0 kW |
|  | 0 - 45°, 2 min.                      | 6,0 kW     |

| Stufe / Step / Cran<br>Marcia / Velocidad<br>Velocidade | kg   | m/min |       |
|---|------|-------|-------|
|   |      | kg    | m/min |
| 24,0 kW   | 4000 | 6,5   |       |
|   | 8000 | 3,25  |       |
|   | 4000 | 30,0  |       |
| 22,0 kW (FU)  | 4000 | 5,0   |       |
|   | 8000 | 2,5   |       |
|   | 4000 | 25,0  |       |
| 3   | 3200 | 32,0  |       |
|   | 6400 | 16,0  |       |
| 4   | 1500 | 57,0  |       |
|   | 3400 | 29,0  |       |

**BGL:**  2108-0112  2108-0100

| 400 V                          | Hz | kVA       |
|--------------------------------|----|-----------|
| 131,0 m 4 x 25 mm <sup>2</sup> | 50 | 53,0 (KL) |

CD- 

# Technische Daten

Technical data - Caractéristiques techniques

Caratteristiche tecniche - Características técnicas - Datos técnicos

# Aufstellvorgang

Erection procedure

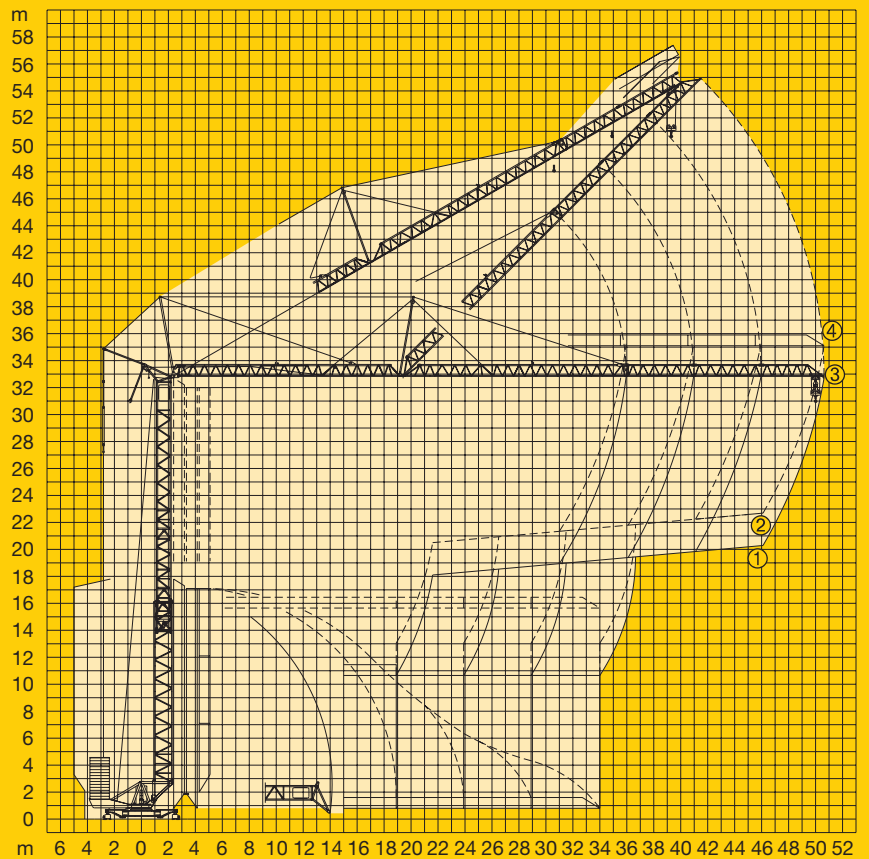
Déroulement de montage

Procedimento di montaggio

Procedimiento de montaje

Sistema de montagem

- ④ stationär  
2 Turmstücke  
stationary  
2 tower sections  
stationnaire  
2 éléments de mât  
stationnaire  
2 elementos di torre  
estacionaria  
2 tramos de torre  
Estacionaria  
2 tramos de torre
- ③ schienenfahbar  
1 Turmstück  
rail-going  
1 tower section  
mobile  
1 élément de mât  
traslante  
1 elemento di torre  
móvil  
1 tramo  
de torre  
Móvil  
1 tramo  
de torre
- ② stationär  
ohne Turmstück  
stationary without  
tower section  
stationnaire sans  
éléments de mât  
stationnaire  
estacionaria  
sin tramo de torre  
Estacionaria  
sem tramo de torre
- ① schienenfahbar  
ohne Turmstück  
rail-going without  
tower section  
mobile sans  
éléments de mât  
traslante  
estacionaria  
sin tramo de torre  
Móvil  
sem tramo  
de torre



# Kolli-Liste

Packing List / Liste de colisage / Lista dei colli

Lista de contenido / Lista de embalagem

| Pos. Item | Anz. Qty. |  | L (m) | B (m) | H (m) | kg   |      |      |
|-----------|-----------|--|-------|-------|-------|------|------|------|
| 1         | 2         | <b>Turmstück (mit Turmauflage) / Tower section</b><br>(with tower support) / Élément de mât (avec support de mât) / Elemento di torre (con pedana di servizio) / Tramo de torre (con soporte de torre) / Tramo de torre (com suporte de torre) |       |       | 2,52  | 1,11 | 1,11 | 780  |
| 2         | 1         | <b>Ausleger-Verlängerung 35,0 m – 40,0 m</b><br>Jib extension / Rallonge de la flèche<br>Elemento estensione braccio<br>Prolongación de pluma / Extensão da lança  |       |       | 5,24  | 1,02 | 0,99 | 350  |
| 3         | 1         | <b>Ausleger-Verlängerung 40,0 m – 45,0 m</b><br>Jib extension / Rallonge de la flèche<br>Elemento estensione braccio<br>Prolongación de pluma / Extensão da lança  |       |       | 5,16  | 1,02 | 0,92 | 220  |
| 4         | 1         | <b>Ausleger-Verlängerung 45,0 m – 50,0 m</b><br>Jib extension / Rallonge de la flèche<br>Elemento estensione braccio<br>Prolongación de pluma / Extensão da lança  |       |       | 4,73  | 1,02 | 0,89 | 170  |
| 5         | 1         | <b>Transportachse Tra 204 / Road transport axle</b><br>Essieux de transport / Assali par trasporto<br>Eje de transporte / Eixo de transporte   |       |       | 2,50  | 2,50 | 1,00 | 2000 |
| 6         | 1         | <b>Kiste mit Seilen und Kleinteilen / Case with ropes and small parts</b><br>Caisse avec câbles et pièces détachées / Cassa con funi e accessori<br>Caja con cables y piezas sueltas / Caixa contendo cabos e acessórios                       |       |       | 1,00  | 0,80 | 1,00 | 450  |

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

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