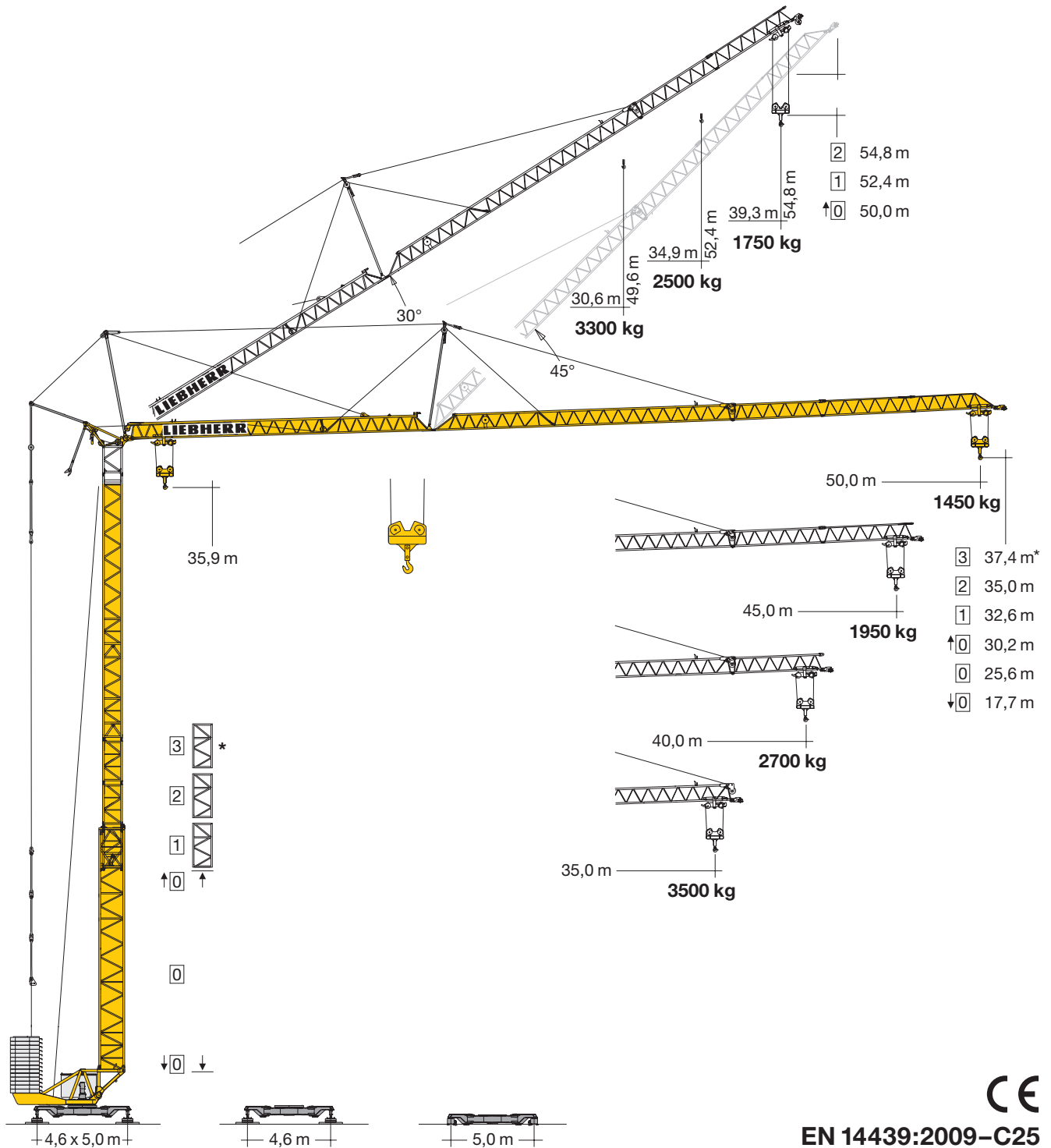


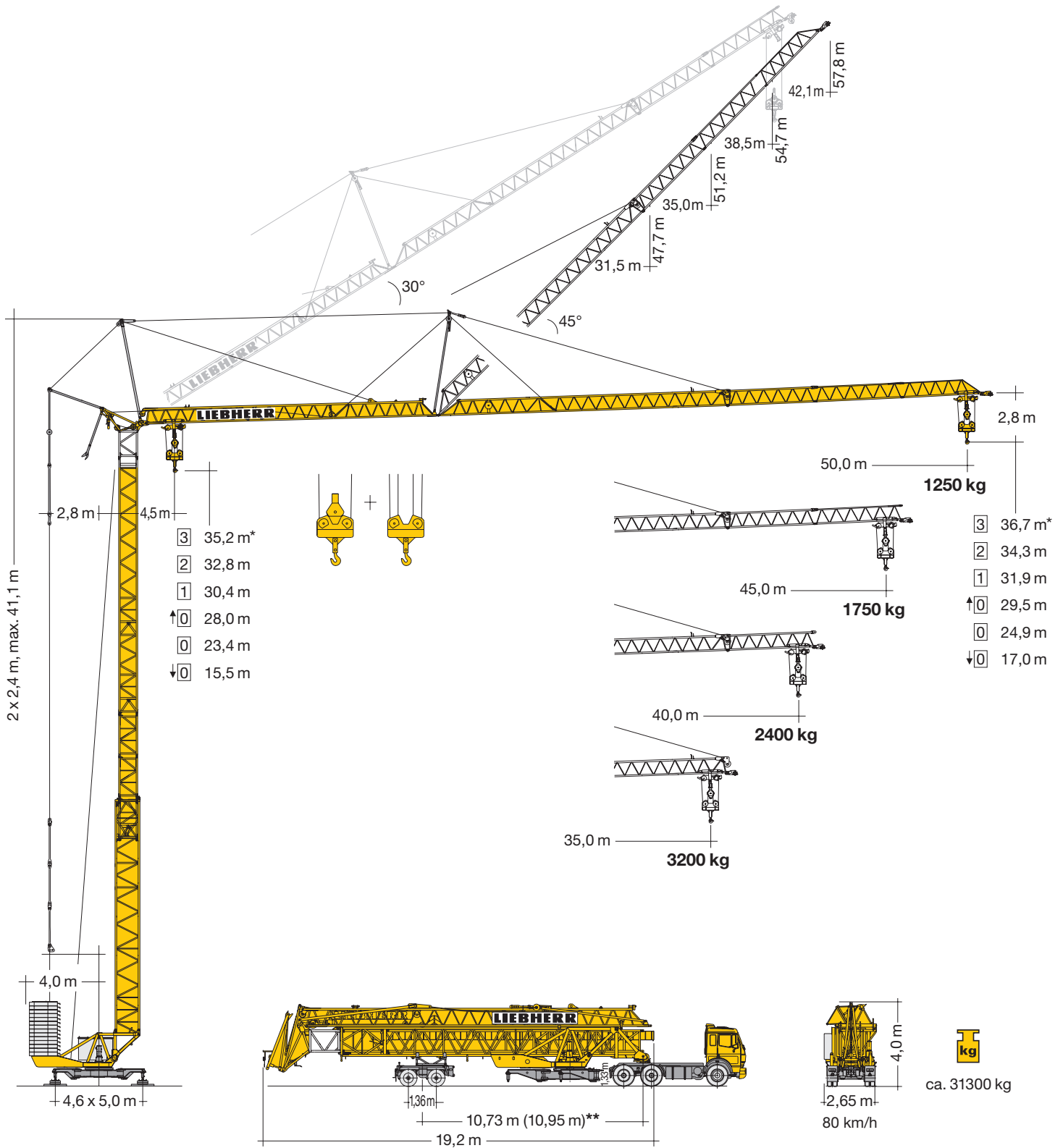
Turmdrehkran 120 K.1

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



EN 14439:2009-C25

LIEBHERR




Gewicht





Weight / Poids / Peso / Peso / Pesos / Macca

| | | | | |
|--|---------------------|----------|--|----------|
| | $r = 4,0 \text{ m}$ | 44000 kg | | 28300 kg |
|--|---------------------|----------|--|----------|


** siehe Betriebsanleitung. / see instruction manual. / voir manuel de service. / vedasi le istruzioni sull'uso. / según manual. / ver manual de instruções. / см. инструкцию по эксплуатации.

| 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 | 37,0 | 40,0 | 42,0 | 45,0 | 47,0 | 50,0 |
| 50,0 | 4,5 - 21,3 4000 | | 4000 | 3860 | 3500 | 3190 | 2930 | 2700 | 2600 | 2500 | 2410 | 2250 | 2100 | 1910 | 1800 | 1660 | 1560 | 1450 |
| 45,0 | 4,5 - 24,3 4000 | | 4000 | 4000 | 4000 | 3710 | 3400 | 3150 | 3030 | 2920 | 2820 | 2630 | 2460 | 2250 | 2120 | 1950 | | |
| 40,0 | 4,5 - 27,7 4000 | | 4000 | 4000 | 4000 | 4000 | 3950 | 3680 | 3550 | 3430 | 3320 | 3120 | 2940 | 2700 | | | | |
| 35,0 | 4,5 - 30,4 4000 | | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 3930 | 3810 | 3700 | 3500 | | | | | | |





max. 2 Turmstücke / max. 2 tower sections / max. 2 éléments de mât / max. tre elementi torre / max. 2 tramos / max. 2 segmentos de torre / макс. 2 башенных секций

| 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 | 37,0 | 40,0 | 42,0 | 45,0 | 47,0 | 50,0 |
| 50,0 | 4,5 - 20,4 4000 | | | 3870 | 3660 | 3300 | 2990 | 2730 | 2510 | 2400 | 2310 | 2220 | 2060 | 1910 | 1720 | 1610 | 1460 | 1360 | 1250 |
| 45,0 | 4,5 - 23,3 4000 | | | 4000 | 4000 | 3860 | 3510 | 3210 | 2950 | 2830 | 2720 | 2620 | 2430 | 2270 | 2050 | 1920 | 1750 | | |
| 40,0 | 4,5 - 26,5 4000 | | | 4000 | 4000 | 4000 | 4000 | 3750 | 3440 | 3310 | 3180 | 3060 | 2840 | 2650 | 2400 | | | | |
| 35,0 | 4,5 - 29,2 4000 | | | 4000 | 4000 | 4000 | 4000 | 4000 | 3870 | 3720 | 3580 | 3440 | 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 | 37,0 | 40,0 | 42,0 | 45,0 | 47,0 | 50,0 |
| 50,0 | 4,5 - 11,2 8000 | | | 3870 | 3660 | 3300 | 2990 | 2730 | 2510 | 2400 | 2310 | 2220 | 2060 | 1910 | 1720 | 1610 | 1460 | 1360 | 1250 |
| 45,0 | 4,5 - 12,8 8000 | | | 4520 | 4280 | 3860 | 3510 | 3210 | 2950 | 2830 | 2720 | 2620 | 2430 | 2270 | 2050 | 1920 | 1750 | | |
| 40,0 | 4,5 - 14,8 8000 | | | 5290 | 5000 | 4510 | 4100 | 3750 | 3440 | 3310 | 3180 | 3060 | 2840 | 2650 | 2400 | | | | |
| 35,0 | 4,5 - 16,4 8000 | | | 5950 | 5630 | 5070 | 4610 | 4210 | 3870 | 3720 | 3580 | 3440 | 3200 | | | | | | |

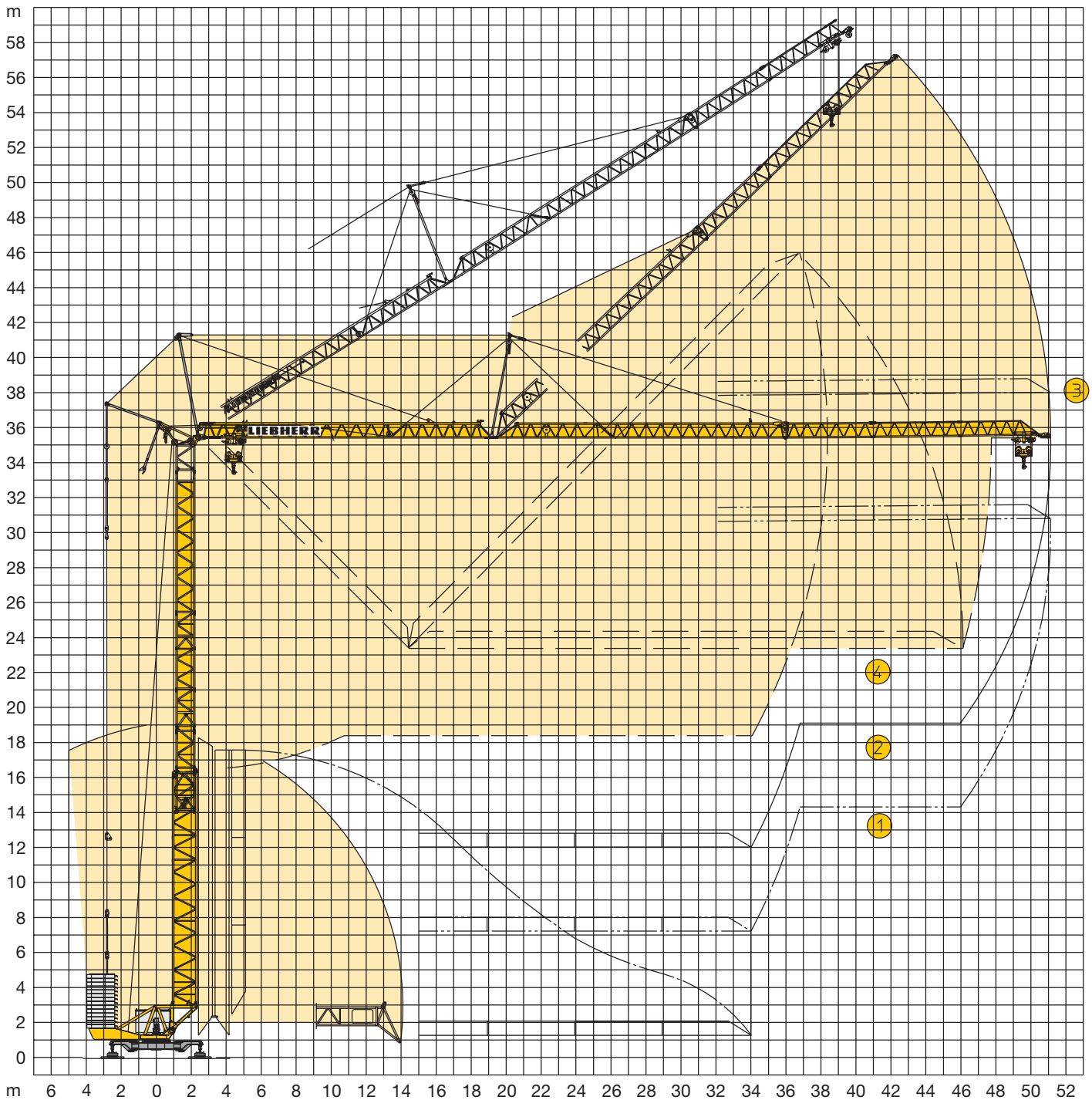
max. 2 Turmstücke / max. 2 tower sections / max. 2 éléments de mât / max. tre elementi torre / max. 2 tramos / max. 2 segmentos de torre / макс. 2 башенных секций

| m | m/kg |  | Auslegersteilstellung 30° / Elevated jib 30° / Flèche inclinée 30° / Braccio inclinato a 30° Pluma inclinada 30° / Lança inclinada 30° / Положение стрелы под углом 30° | | | | | | | | | | | | | | | | |
|------|--------------------|---|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | | | 22,0 | 23,0 | 24,0 | 25,0 | 26,0 | 27,0 | 28,0 | 29,0 | 30,0 | 30,6 | 31,0 | 33,0 | 34,9 | 36,0 | 38,0 | 39,3 | |
| 39,3 | 4,5 - 18,5 4000 | | 3340 | 3190 | 3050 | 2920 | 2800 | 2690 | 2580 | 2480 | 2390 | 2340 | 2300 | 2150 | 2010 | 1940 | 1820 | 1750 | |
| 34,9 | 4,5 - 22,1 4000 | | 4000 | 3840 | 3680 | 3540 | 3400 | 3270 | 3150 | 3040 | 2940 | 2880 | 2840 | 2660 | 2500 | | | | |
| 30,6 | 4,5 - 24,9 4000 | | 4000 | 4000 | 4000 | 3980 | 3840 | 3710 | 3590 | 3470 | 3360 | 3300 | | | | | | | |

max. 2 Turmstücke / max. 2 tower sections / max. 2 éléments de mât / max. tre elementi torre / max. 2 tramos / max. 2 segmentos de torre / макс. 2 башенных секций

| 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 | 37,0 | 40,0 | 42,0 | 45,0 | 47,0 | 50,0 |
| 50,0 | 4,5 - 18,8 4000 | | | 3560 | 3390 | 3080 | 2820 | 2590 | 2400 | 2310 | 2220 | 2140 | 1990 | 1860 | 1690 | 1580 | 1450 | 1360 | 1250 |
| 45,0 | 4,5 - 21,6 4000 | | | 4000 | 3930 | 3600 | 3300 | 3050 | 2830 | 2720 | 2630 | 2540 | 2370 | 2220 | 2030 | 1910 | 1750 | | |
| 40,0 | 4,5 - 25,0 4000 | | | 4000 | 4000 | 4000 | 3850 | 3560 | 3310 | 3190 | 3090 | 2980 | 2790 | 2630 | 2400 | | | | |
| 35,0 | 4,5 - 28,5 4000 | | | 4000 | 4000 | 4000 | 4000 | 4000 | 3780 | 3650 | 3530 | 3410 | 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 | 37,0 | 40,0 | 42,0 | 45,0 | 47,0 | 50,0 |
| 50,0 | 4,5 - 9,0 8000 | | | 3560 | 3390 | 3080 | 2820 | 2590 | 2400 | 2300 | 2220 | 2140 | 1990 | 1860 | 1690 | 1580 | 1450 | 1360 | 1250 |
| 45,0 | 4,5 - 10,3 8000 | | | 4130 | 3930 | 3590 | 3300 | 3050 | 2830 | 2720 | 2630 | 2540 | 2370 | 2220 | 2030 | 1900 | 1750 | | |
| 40,0 | 4,5 - 12,0 8000 | | | 4770 | 4560 | 4180 | 3850 | 3560 | 3300 | 3190 | 3090 | 2980 | 2790 | 2630 | 2400 | | | | |
| 35,0 | 4,5 - 14,0 8000 | | | 5450 | 5200 | 4770 | 4390 | 4070 | 3780 | 3650 | 3530 | 3410 | 3200 | | | | | | |

* 3 Turmstücke / 3 tower sections / 3 éléments de mât / tre elementi torre / 3 tramos / 3 segmentos de torre / 3 башенных секций



①
ohne Turmstück
 without tower section
 sans éléments de mât
 senza elementi di torre
 sin tramo de torre
 sem tramo de torre
 без башенных секций

②
2 Turmstücke
 2 tower sections
 2 éléments de mât
 2 elementi di torre
 2 tramos de torre
 2 tramos de torre
 2 башенные секции

③
3 Turmstücke, reduzierte Lastkurve
 3 tower sections, reduced load curve
 3 éléments de mât, courbe de charge réduite
 tre elementi torre, curva di carico ridotta
 3 tramos de torre, curva de carga rebajada
 3 segmentos de torre, curva de carga reduzida
 3 башенные секции, сокращенная кривая грузоподъемности

④
Hohe Aufstellkurve, 2 Turmstücke
 High erecting curve, 2 tower sections
 Courbe de montage haute, 2 éléments de mât
 Elevata curva di montaggio, due elementi torre
 Mayor curva de desarrollo de montaje, 2 tramos de torre
 Montagem elevada, 2 segmentos de torre
 высокая монтажная траектория, 2 башенные секции

| | | |
|--|--------------------------------------|---------------|
| | U/min. 0 ↔ 0,8 sl./min tr./min | 7,5 kW FU |
| | 0 ↔ 70,0 m/min | 5,0 kW FU |
| | 25,0 m/min | 2 x 3,0 kW FU |
| | 0 ↔ 45°, 2 min. | 5,0 kW FU |

| | | | |
|------------------------------|--|---------------|----------|
| | ↔ stufenlos / stepless / régl. continu régl. progressive / sin escalones / sem degraus / Бесступенчатый | kg | m/min |
| 22,0 kW FU WIW 230 LX 020 | | | |
| | Gang Speed Vitesse Marcia Velocidad Velocidade Передача | 1 4000 | 0 ↔ 25,0 |
| | | 1500 | 0 ↔ 58,0 |
| | | | |
| | Gang Speed Vitesse Marcia Velocidad Velocidade Передача | 1 8000 | 0 ↔ 12,5 |
| | | 3400 | 0 ↔ 29,0 |

| | | | | |
|------------|-------------|--|---|-------------|
| BGL | C.0.08.0112 | | + | C.0.08.0100 |
|------------|-------------|--|---|-------------|

| | | | |
|---------|------------------------|-----------|------------|
| | 400 V | Hz | kVA |
| 110,0 m | 4 x 16 mm ² | 50 | 32,0 |

Kolli-Liste

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

| Pos. Item | Anz. Qty. | | L (m) | B (m) | H (m) | kg |
|-----------|-----------|---|-------|-------|-------|------|
| 1 | 2 | Turmstück (mit Turmauflage) / Tower section (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) / Башенная секция (с упорами) | | | | 780 |
| 2 | 1 | Ausleger-Verlängerung 35,0 m – 40,0 m Jib extension / Rallonge de la flèche Elemento estensione braccio / Prolongación de pluma / Extensão da lança / Удлинение стрелы | | | | 350 |
| 3 | 1 | Ausleger-Verlängerung 40,0 m – 45,0 m Jib extension / Rallonge de la flèche Elemento estensione braccio / Prolongación de pluma / Extensão da lança / Удлинение стрелы | | | | 220 |
| 4 | 1 | Ausleger-Verlängerung 45,0 m – 50,0 m Jib extension / Rallonge de la flèche Elemento estensione braccio / Prolongación de pluma / Extensão da lança / Удлинение стрелы | | | | 170 |
| 5 | 1 | Transportachse Tra 203 / Road transport axle Essieux de transport / Assali par trasporto / Eje de transporte / Eixo de transporte / Транспортная ось | | | | 2500 |
| 6 | 1 | Transportachse Tra 204 / Road transport axle Essieux de transport / Assali par trasporto / Eje de transporte / Eixo de transporte / Транспортная ось | | | | 1900 |
| 7 | 1 | Transportachse Tra 205 / Road transport axle Essieux de transport / Assali par trasporto / Eje de transporte / Eixo de transporte / Транспортная ось | | | | 3000 |
| 8 | 1 | Kiste mit Kleinteilen, Seilen / Crate with small parts, ropes Caisse contenant des accessoires, câbles / Cassa con minuteria, funi / Caixa com peças pequenas, cabos / Ящик с мелкими деталями, с канатами | | | | 450 |

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