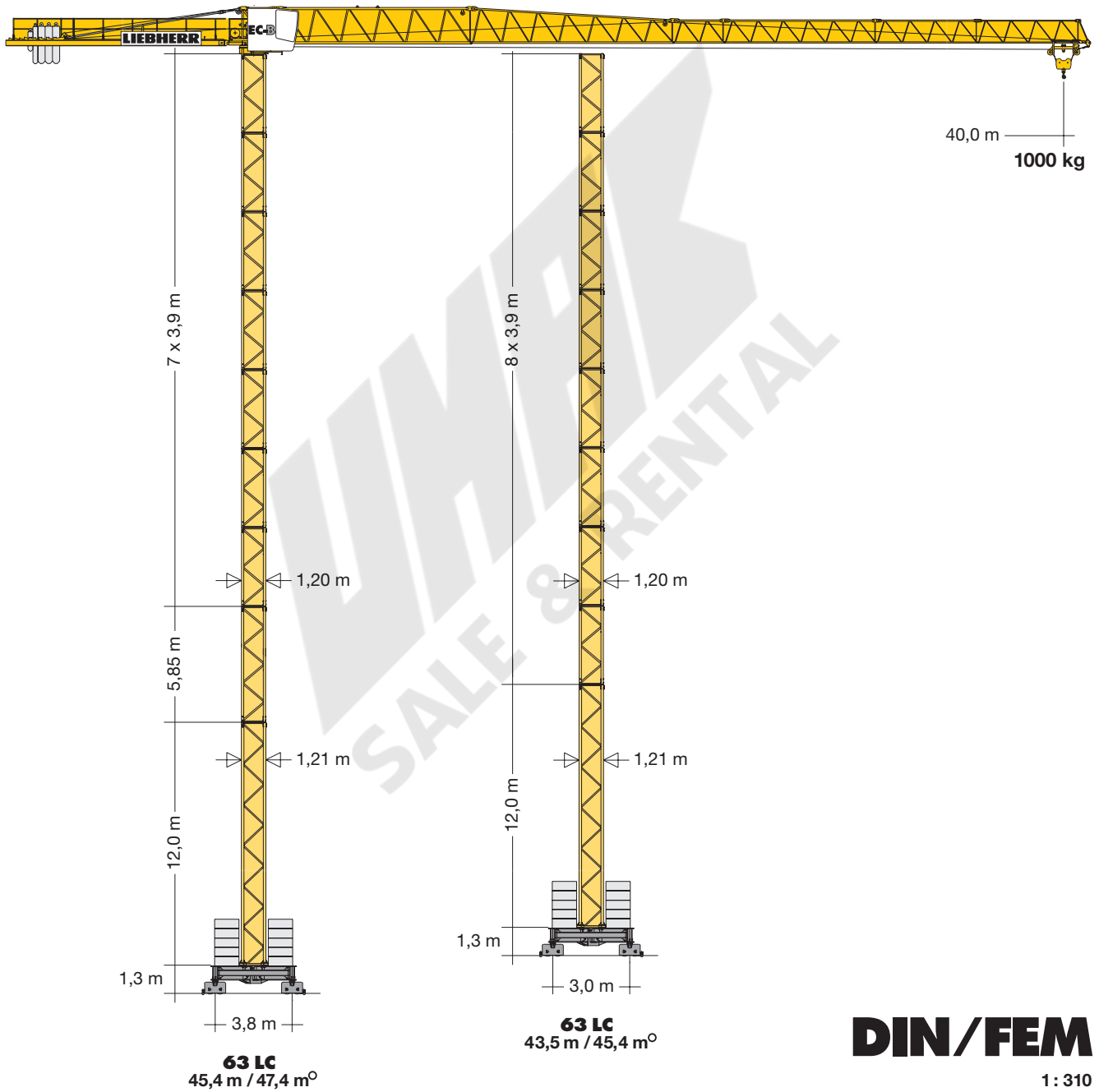
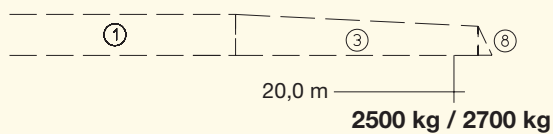
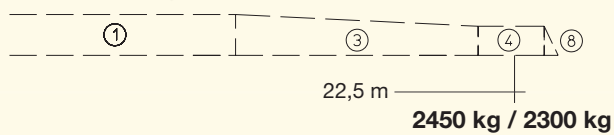
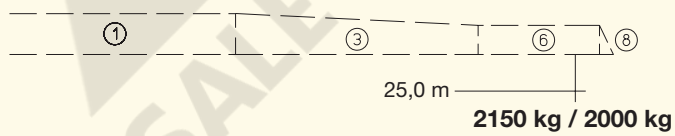
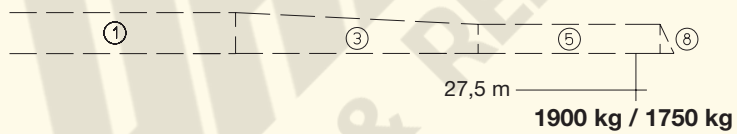
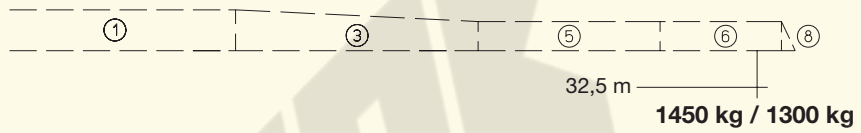
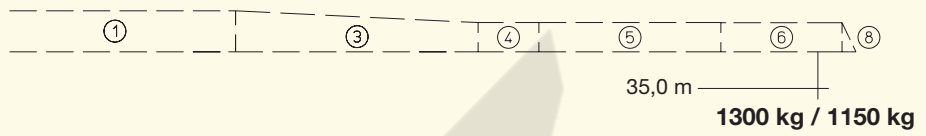
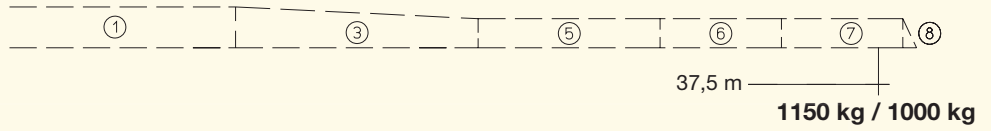
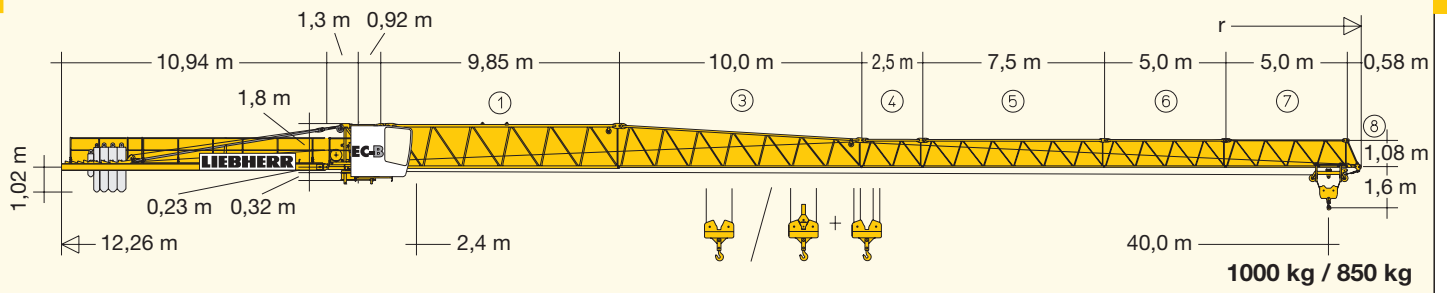


Turmdrehkran 50 EC-B 5

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


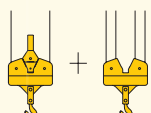


LIEBHERR



Ausladung und Tragfähigkeit

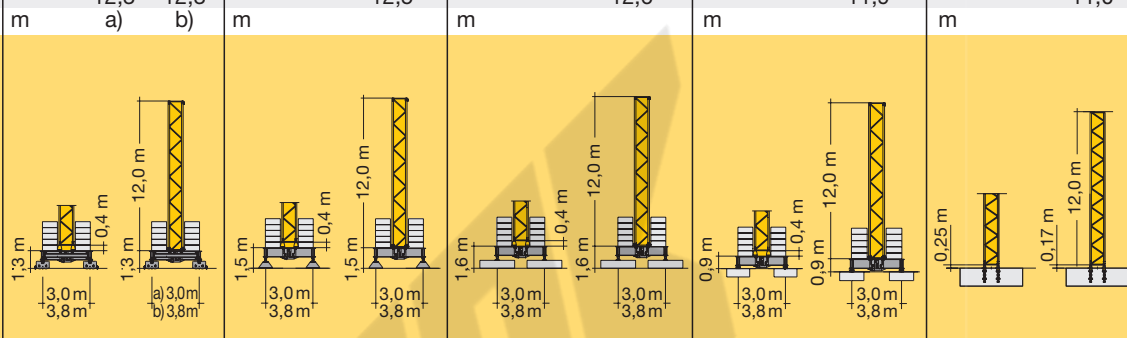
Radius and capacity / Portée et charge / Sbraccio e portata / Alcances y cargas / Alcance e capacidade de carga

| | | | | m/kg | | | | | | | | | | | | | |
|-------------|-------------------|---|------|----------|------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
| | | | | 10,0 | 12,5 | 15,0 | 17,5 | 20,0 | 22,5 | 25,0 | 27,5 | 30,0 | 32,5 | 35,0 | 37,5 | 40,0 | |
| m | r | m/kg | | | | | | | | | | | | | | | |
| | |  | | | | | | | | | | | | | | | |
| 40,0 | (r = 41,5) | 2,4-19,0 | 2500 | 2500 | 2500 | 2500 | 2350 | 2050 | 1810 | 1620 | 1450 | 1310 | 1190 | 1090 | 1000 | | |
| 37,5 | (r = 39,0) | 2,4-19,8 | 2500 | 2500 | 2500 | 2500 | 2470 | 2150 | 1900 | 1700 | 1530 | 1380 | 1260 | 1150 | | | |
| 35,0 | (r = 36,5) | 2,4-20,3 | 2500 | 2500 | 2500 | 2500 | 2500 | 2220 | 1960 | 1750 | 1580 | 1430 | 1300 | | | | |
| 32,5 | (r = 34,0) | 2,4-20,6 | 2500 | 2500 | 2500 | 2500 | 2500 | 2250 | 1990 | 1780 | 1600 | 1450 | | | | | |
| 30,0 | (r = 31,5) | 2,4-21,1 | 2500 | 2500 | 2500 | 2500 | 2500 | 2320 | 2050 | 1830 | 1650 | | | | | | |
| 27,5 | (r = 29,0) | 2,4-21,7 | 2500 | 2500 | 2500 | 2500 | 2500 | 2400 | 2130 | 1900 | | | | | | | |
| 25,0 | (r = 26,5) | 2,4-21,9 | 2500 | 2500 | 2500 | 2500 | 2500 | 2430 | 2150 | | | | | | | | |
| 22,5 | (r = 24,0) | 2,4-22,1 | 2500 | 2500 | 2500 | 2500 | 2500 | 2450 | | | | | | | | | |
| 20,0 | (r = 21,5) | 2,4-20,0 | 2500 | 2500 | 2500 | 2500 | 2500 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | |  | | | | | | | | | | | | | | | |
| | | | | m/kg | | | | | | | | | | | | | |
| | | | | 10,0 | 12,5 | 15,0 | 17,5 | 20,0 | 22,5 | 25,0 | 27,5 | 30,0 | 32,5 | 35,0 | 37,5 | 40,0 | |
| m | r | m/kg | | | | | | | | | | | | | | | |
| 40,0 | (r = 41,5) | 2,4-18,4 | 2500 | 2,4-10,3 | 5000 | 3990 | 3210 | 2660 | 2250 | 1940 | 1690 | 1480 | 1310 | 1170 | 1050 | 940 | 850 |
| 37,5 | (r = 39,0) | 2,4-19,1 | 2500 | 2,4-10,7 | 5000 | 4160 | 3360 | 2790 | 2360 | 2040 | 1770 | 1560 | 1390 | 1240 | 1110 | 1000 | |
| 35,0 | (r = 36,5) | 2,4-19,6 | 2500 | 2,4-10,9 | 5000 | 4280 | 3450 | 2870 | 2430 | 2100 | 1830 | 1610 | 1430 | 1280 | 1150 | | |
| 32,5 | (r = 34,0) | 2,4-19,8 | 2500 | 2,4-11,0 | 5000 | 4330 | 3490 | 2900 | 2470 | 2130 | 1860 | 1640 | 1450 | 1300 | | | |
| 30,0 | (r = 31,5) | 2,4-20,2 | 2500 | 2,4-11,3 | 5000 | 4440 | 3590 | 2980 | 2540 | 2190 | 1910 | 1690 | 1500 | | | | |
| 27,5 | (r = 29,0) | 2,4-20,8 | 2500 | 2,4-11,6 | 5000 | 4590 | 3710 | 3080 | 2620 | 2270 | 1980 | 1750 | | | | | |
| 25,0 | (r = 26,5) | 2,4-20,9 | 2500 | 2,4-11,7 | 5000 | 4620 | 3740 | 3110 | 2650 | 2290 | 2000 | | | | | | |
| 22,5 | (r = 24,0) | 2,4-21,0 | 2500 | 2,4-11,7 | 5000 | 4650 | 3760 | 3130 | 2660 | 2300 | | | | | | | |
| 20,0 | (r = 21,5) | 2,4-20,0 | 2500 | 2,4-11,9 | 5000 | 4710 | 3810 | 3170 | 2700 | | | | | | | | |

Hubhöhe

Hoisting height / Hauteur sous crochet / Altezza di sollevamento / Altura bajo gancho / Altura de montagem

| | | | | 63 LC | | | | | | | | | | | |
|-------|----------------------|--------|--------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|
| 3,9 m | 3,9 m + 5,85 m | 5,85 m | 11,7 m | | | | | | | | | | | | |
| 10 | 8+1 | | | 39,7 ^o | - | - | 39,9 ^o | - | 40,0 ^o | - | 39,3 ^o | - | 38,1 ^o | - | |
| 9 | 7+1 | 6 | 3 | 37,7 | - | - | 37,9 | - | 38,0 | - | 37,3 | - | 36,2 | - | |
| 8 | 6+1 | 5 | | 35,8 | 45,4 ^o | 47,4 ^o | 36,0 | 47,6 ^o | 36,1 | 47,7 ^o | 35,4 | 47,0 ^o | 34,2 | 46,1 ^o | |
| 7 | 5+1 | 4 | 2 | 33,8 | 43,5 | 43,5 | 34,0 | 45,6 | 34,1 | 45,7 | 33,4 | 45,0 | 32,3 | 44,2 | |
| 6 | 4+1 | 3 | | 31,9 | 41,5 | 41,5 | 32,1 | 43,7 | 32,2 | 43,8 | 31,5 | 43,1 | 30,3 | 42,2 | |
| 5 | 3+1 | 2 | 1 | 29,9 | 39,6 | 39,6 | 30,1 | 41,7 | 30,2 | 41,8 | 29,5 | 41,1 | 28,4 | 40,3 | |
| 4 | 2+1 | 1 | | 28,0 | 37,6 | 37,6 | 28,2 | 39,8 | 28,3 | 39,9 | 27,6 | 39,2 | 26,4 | 38,3 | |
| 3 | 1+1 | | | 26,0 | 35,7 | 35,7 | 26,2 | 37,8 | 26,3 | 37,9 | 25,6 | 37,2 | 24,5 | 36,4 | |
| 2 | 0+1 | | | 24,1 | 33,7 | 33,7 | 24,3 | 35,9 | 24,4 | 36,0 | 23,7 | 35,3 | 22,5 | 34,4 | |
| 1 | 0 | | | 22,1 | 31,8 | 31,8 | 22,3 | 33,9 | 22,4 | 34,0 | 21,7 | 33,3 | 20,6 | 32,5 | |
| 0 | | | | 20,2 | 29,8 | 29,8 | 20,4 | 32,0 | 20,5 | 32,1 | 19,8 | 31,4 | 18,6 | 30,5 | |
| | | | | 18,2 | 27,9 | 27,9 | 18,4 | 30,0 | 18,5 | 30,1 | 17,8 | 29,4 | 16,7 | 28,6 | |
| | | | | 16,3 | 25,9 | 25,9 | 16,5 | 28,1 | 16,6 | 28,2 | 15,9 | 27,5 | 14,7 | 26,6 | |
| | | | | 14,3 | 24,0 | 24,0 | 14,5 | 26,4 | 14,6 | 26,5 | 13,9 | 25,8 | 12,8 | 24,7 | |
| | | | | 12,4 | 22,0 | 22,0 | 12,6 | 24,2 | 12,7 | 24,3 | 12,0 | 23,6 | 10,8 | 22,7 | |
| | | | | 10,4 | 20,1 | 20,1 | 10,6 | 22,2 | 10,7 | 22,3 | 10,0 | 21,6 | 8,9 | 20,8 | |
| | | | | 8,5 | 18,1 | 18,1 | 8,7 | 20,3 | 8,8 | 20,4 | 8,1 | 19,7 | 6,9 | 18,9 | |
| | | | | 6,5 | 16,2 | 16,2 | 6,8 | 18,3 | 6,9 | 18,4 | 6,2 | 17,7 | 5,0 | 16,9 | |
| | | | | 4,6 | 12,3 | 12,3 | 4,8 | 16,5 | 4,9 | 16,6 | 4,2 | 15,9 | 3,0 | 14,9 | |
| | | | | - | - | - | - | 12,5 | - | 12,6 | - | 11,9 | - | 11,0 | |



o = Ohne Kabine / Without cabin / Sans cabine / Senza cabina / Sin cabina / Sem cabine

Weitere Hubhöhen sowie Klettern auf Anfrage. / Further hoist heights and climbing on request. / Hauteurs sous crochet plus élevées et hissage sur demande. / Altre altezze di sollevamento come pure telescopaggio, su richiesta. / Para alturas bajo gancho superiores y trepado, consultar. / Outras alturas de elevação e ascensionamento, mediante consulta.

Antriebe

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

| | | |
|--|-------------------------------------|-----------------------------|
| | U/min 0 ↔ 0,8 sl./min tr./min | 5,0 kW EDC |
| | 0 ↔ 60,0 m/min 0 ↔ 63,0 m/min | 1,5 kW FU 3,0 kW FU |
| | 25,0 m/min 25,0 m/min | 2 x 3,0 kW FU 2 x 4,0 kW |
| | kVA | 14,0 kW 29,0 |

| | Stufe / Step Cran / Marcia Marcha / Marcha | kg | m/min |
|--|--|------|-----------|
| 3,2 / 14,0 / 14,0 kW WIW210 MZ402 4 Lagen Layers Couches Strati Camadas Capas 57,0 m / 28,0 m LS-Trommel | 1 | 2500 | 2500 6,2 |
| | 2 | 2500 | 2500 27,0 |
| | 3 | 1300 | 1200 54,0 |
| 90,0 m / 45,0 m LS-Trommel 6 Lagen Layers Couches Strati Camadas Capas | 1 | 5000 | 5000 3,1 |
| | 2 | 5000 | 5000 13,5 |
| | 3 | 2500 | 2500 27,0 |
| 90,0 m / 45,0 m LS-Trommel 6 Lagen Layers Couches Strati Camadas Capas | 1 | 2400 | 2300 6,5 |
| | 2 | 2400 | 2300 28,5 |
| | 3 | 1200 | 1100 57,0 |
| 90,0 m / 45,0 m LS-Trommel | 1 | 4700 | 4700 3,3 |
| | 2 | 4700 | 4700 14,3 |
| | 3 | 2350 | 2350 28,5 |

| Kranoberteil | | Upper part of crane / Partie supérieure de grue / Parte superiore della gru | | L (m) | B (m) | H (m) | kg* | |
|-------------------------------|----------------------|--|--|------------------------------|------------------------------|------------------------------|----------------------------------|--------------|
| Pos. Item Rep. Voce Pos. Ref. | Anz. Qty. Qta. Cant. | | | | | | | |
| 1 | 1 | Drehbühne kpl. / Slewing platform cpl. Ensemble mât cabine cpl. / Piattaforma girevole compl. / Plataforma giratória compl. Conjunto plataforma de giro | | 2,43 | 2,74 | 2,52 | 3520 | |
| 2 | 1 | Drehbühne / Slewing platform Ensemble mât cabine / Piattaforma girevole / Plataforma giratória compl. Conjunto plataforma de giro | | 2,43 | 1,99 | 2,52 | 3310 | |
| 3 | 1 | Podeste / Platforms Plates-formes / Pedana Plataformas / Plataformas | | 2,07 2,07 2,13 | 0,59 1,04 0,60 | 1,31 1,31 1,33 | 100 110 120 | |
| 4 | 1 | Kabine / Cabin Cabine / Cabina Cabina / Cabina | | 1,35 | 2,38 | 2,28 | 580 | |
| 5 | 1 | Gegenausleger / Counter-jib Contre-flèche / Contrabaccio Contrapluma / Contra-lança | | 11,02 | 1,39 | 0,66 | 2190 | |
| 6 | 1 | Podeste Gegenausleger / Counter-jib platforms Plates-formes de contre-flèche / Ballatoi controfreccia Plataforma contrapluma / Plataforma contra-lança | | 3,00 | 0,75 | 1,32 | 140 | |
| 7 | 1 | Ausleger-Anlenkstück / Jib heel section Pied de flèche / Settore articolato di braccio Pluma tramo primero / Base articulada de lança | | 10,05 | 1,23 | 1,95 | ① 1820 | |
| 8 | 1 | Ausleger-Zwischenstück / Intermediate jib section Élément intermédiaire de flèche / Spezzone di braccio Tramo intermedio pluma / Peça suplementar da lança | | 2,69 7,68 5,17 5,17 | 1,10 1,10 1,10 1,10 | 1,25 1,24 1,23 1,23 | ④ 160 ⑤ 380 ⑥ 200 ⑦ 170 | |
| 9 | 1 | Ausleger-Zwischenstück / Intermediate jib section Élément intermédiaire de flèche / Spezzone di braccio Tramo intermedio pluma / Peça suplementar da lança | | 10,20 | 1,10 | 1,83 | ③ 740 | |
| 10 | 1 | Ausleger-Kopfstück / Jib head section Pointe de flèche / Punta freccia Tramo punta de pluma / Cabeça de lança | | 1,24 | 1,11 | 0,44 | ⑧ 60 | |
| 11 | 1 | Laufkatze / Trolley Chariot / Carrello Carrito / Carrinho | | 1,60 | 1,28 | 0,78 | 163 | |
| 12 | 1 | Fahrkorb / Maintenance cage Nacelle d'entretien / Cestello di manutenzione Plataforma de mantenimiento | | 0,78 | 0,66 | 1,25 | 35 | |
| Turm | | Tower / Mât / Torre | | | | | | |
| 13 | 1 | Grundturmstück / Base tower section Mât de base / Elemento di torre base Tramo torre base / Peça de base de torre | | 12,00 | 1,42 | 1,42 | 3320 | |
| 14 | 1 | Turmstück / Tower section Élément de mât / Elemento di torre Tramo torre / Torre | | 3,90 m 5,85 m 11,70 m | 4,17 6,12 11,97 | 1,20 1,20 1,20 | 970 1330 2450 | |
| Klettereinrichtung | | Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru | | | | | | |
| 15 | 1 | Führungsstück kpl. / Guide section cpl. Cage télescopique cpl. / Gabbia di sopraelevazione compl. Torre de montaje completa / Peça de guia compl. | | 8,74 | 1,66 | 1,75 | 2680 | |
| 16 | 1 | Führungsstück Turmstück / Tower guide section Élément de mât télescopique / Gabbia de sopraelevazione Tramo torre de montaje / Peça de guia | | 3,90 m | 4,17 | 1,66 | 1,66 | 1190 |
| 17 | 1 | Hydraulikanlage, Stütz- und Klettertraverse / Hydraulic unit, supporting and climbing cross members Système hydraul. avec traverses d'appui et de télescop. / Sist. idraul., traversa di appoggio e allugam. gru Sistema hidráulico con traviesa de apoyo y trepado / Instalação hidráulica, travessa de apoio e subida | | 2,00 | 0,90 | 0,80 | 530 | |
| Fundamentkreuz | | Cruciform base / Châssis en croix / Carro della gru | | | | | | |
| 18 | 1 | Tragholm I / Arm I Longeron I / Longherone I Brazo I / Travessa I | | 3,0 m 3,8 m | 4,88 5,68 | 0,71 0,71 | 0,81 0,81 | 1550 1790 |
| 19 | 1 | Tragholm II / Arm II Longeron II / Longherone II Brazo II / Travessa II | | 3,0 m 3,8 m | 4,88 5,68 | 0,78 0,78 | 0,66 0,66 | 1340 1580 |
| 20 | 2 | Fahrschemel mit Antrieb / Rail bogie with drive Bogie moteur / Telajo con gruppia propulsore Caja rodillo motriz / Quadra sem grupa de propulsão | | 1,31 0,96 | 0,66 0,38 | 0,61 0,42 | 630 280 | |
| 21 | 2 | Fahrschemel ohne Antrieb / Rail bogie without drive Bogie fou / Telajo senza gruppia propulsore Caja rodillo conducido / Quadra com grupa de propulsão | | 1,04 0,38 | 0,33 0,31 | 0,61 0,42 | 330 200 | |

* Einzelgewichte. / Single weights. / Poids individuels. / Pesì di componenti. / Pesos unitarios. / Pesos de peças componentes.

WIMAK
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