

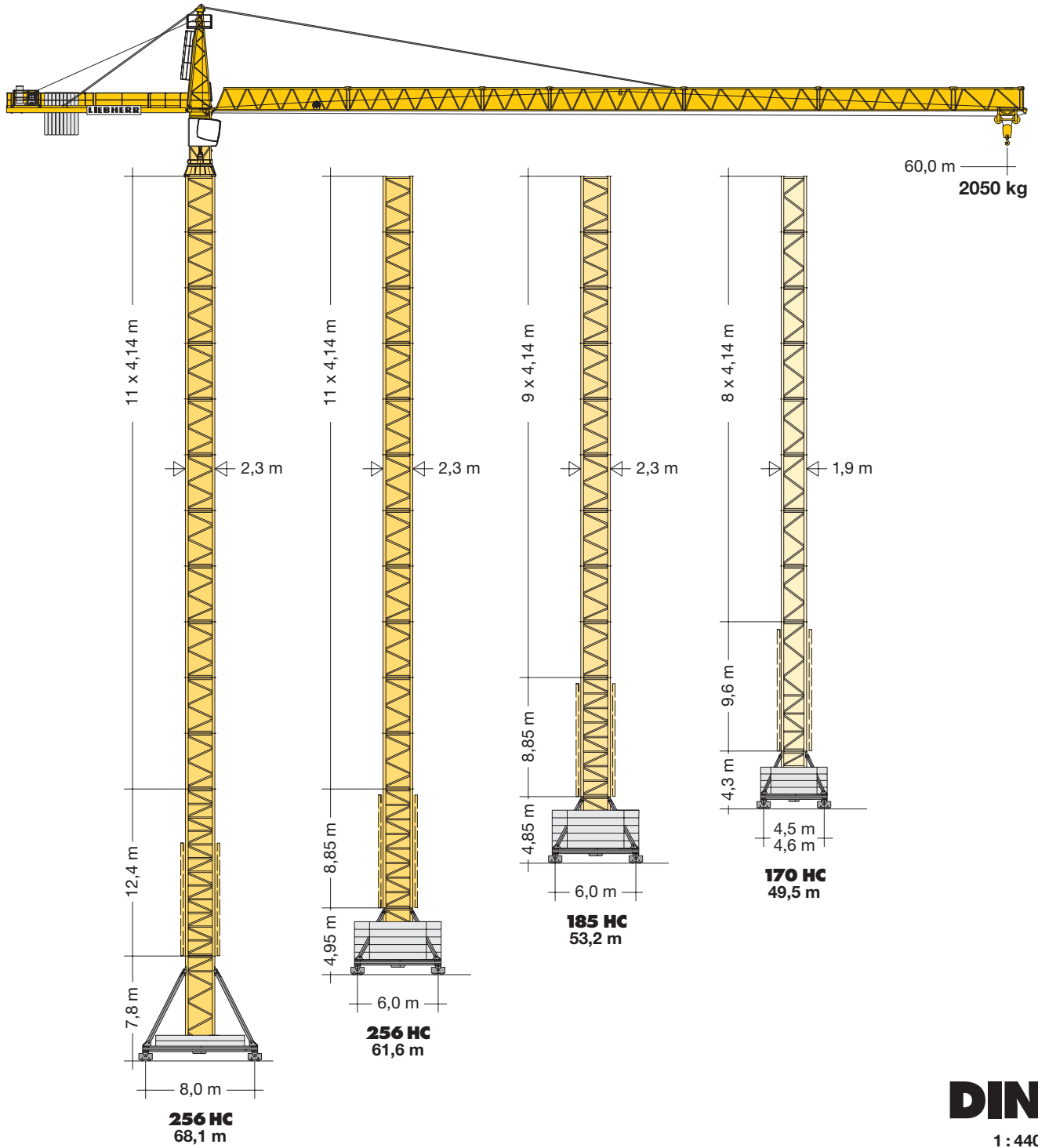
# Turmdrehkran

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

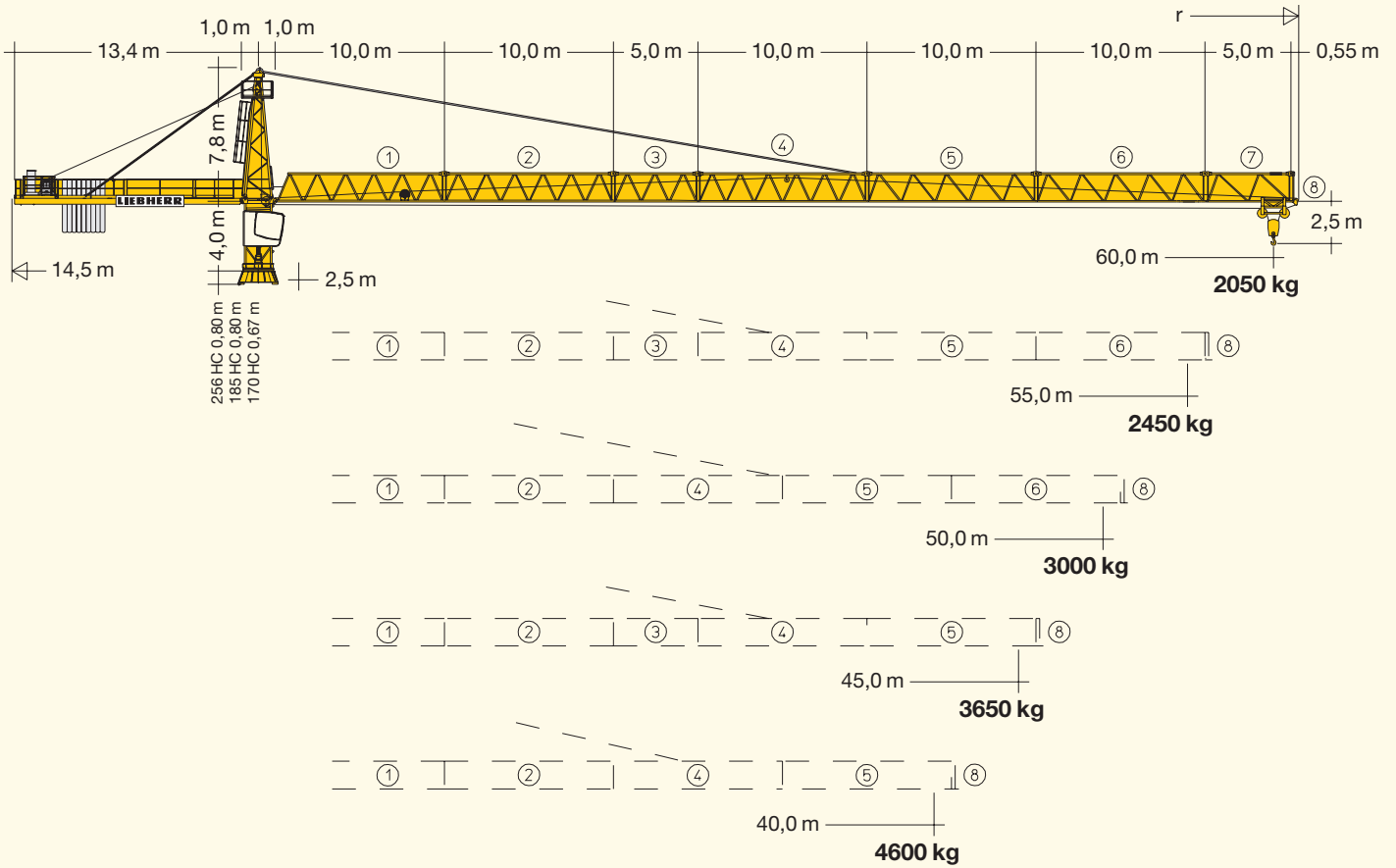
## 180 EC-H 12 FR.tronic®

**180 EC-H 10 FR.tronic®**  
**180 EC-H 10 Litronic®**

▶ **180 EC-H 12 FR.tronic®**



# LIEBHERR



## Hubhöhe

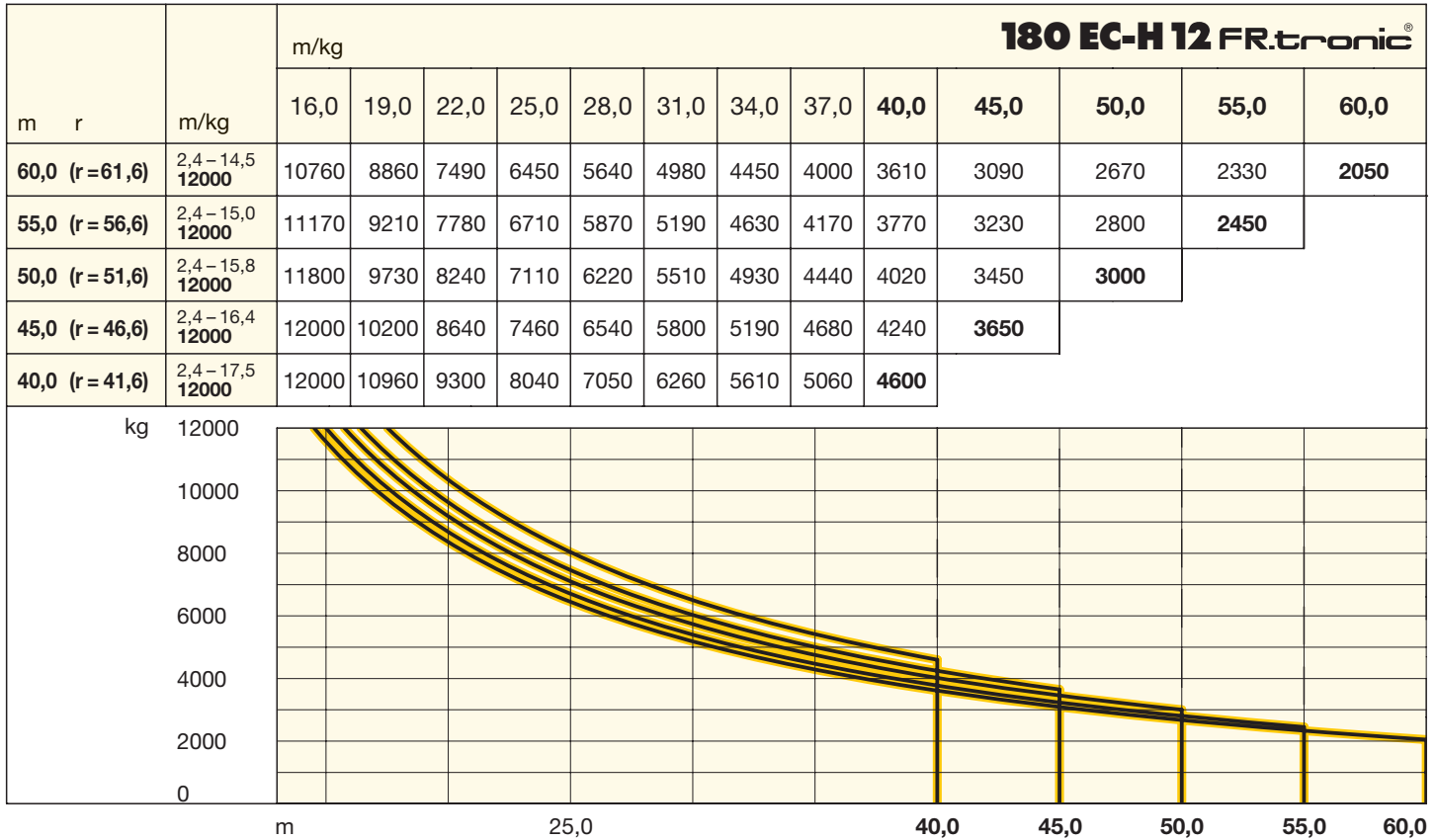
Hoisting height / Hauteur sous crochet / Altezza di sollevamento / Altura bajo gancho / Altura de montagem

	170 HC		185 HC			256 HC						
12	-	-	-	-	-	-	64,6*	-	-	-	-	-
11	-	-	-	-	-	56,9*	60,5*	61,6*	65,2*	-	-	68,1*
10	-	-	52,8*	-	-	52,8	56,3	57,5	61,1*	54,1*	57,7*	63,9
9	49,5*	-	48,6*	-	-	48,6	52,2	53,3	56,9	50,0	53,6	59,8
8	45,4*	49,5*	44,5	49,0	45,9	44,5	48,0	49,2	52,8	45,9	49,4	55,6
7	41,2	45,4	40,3	44,9	41,7	40,3	43,9	45,0	48,7	41,7	45,3	51,5
6	37,1	41,2	36,2	40,7	37,6	36,2	39,8	40,9	44,5	37,6	41,2	47,4
5	32,9	37,1	32,1	36,6	33,4	32,1	35,6	36,8	40,4	33,4	37,0	43,2
4	28,8	32,9	27,9	32,5	29,3	27,9	31,5	32,6	36,2	29,3	32,9	39,1
3	24,7	28,8	23,8	28,3	25,2	23,8	27,3	28,5	32,1	25,2	28,7	34,9
2	20,5	24,7	19,6	24,2	21,0	19,6	23,2	24,3	28,0	21,0	24,6	30,8
1	16,4	20,5	15,5	20,0	16,9	15,3	19,1	20,2	23,8	16,9	20,5	26,7
0	12,2	16,4	11,4	15,9	12,7	11,4	14,9	16,1	19,7	12,7	16,3	22,5
	m		m			m a)	b)	a)	b)	a)	b)	

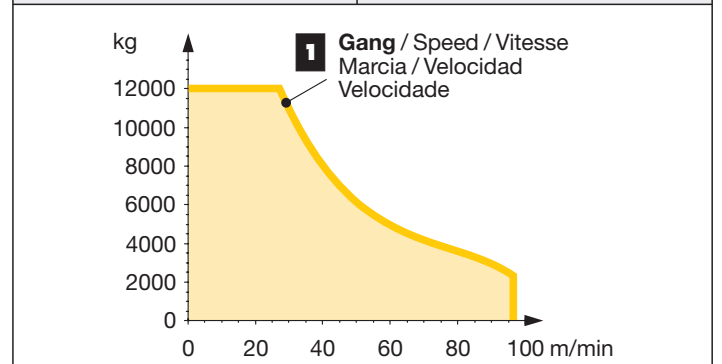
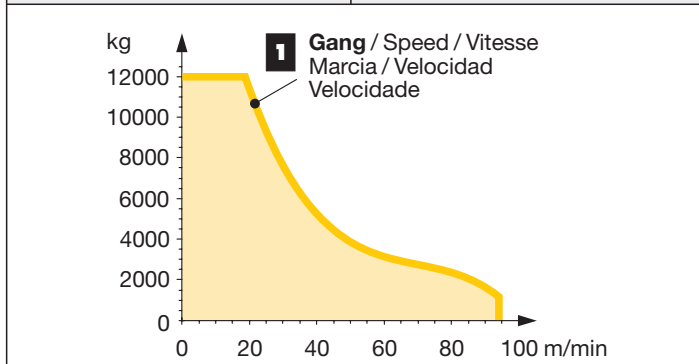
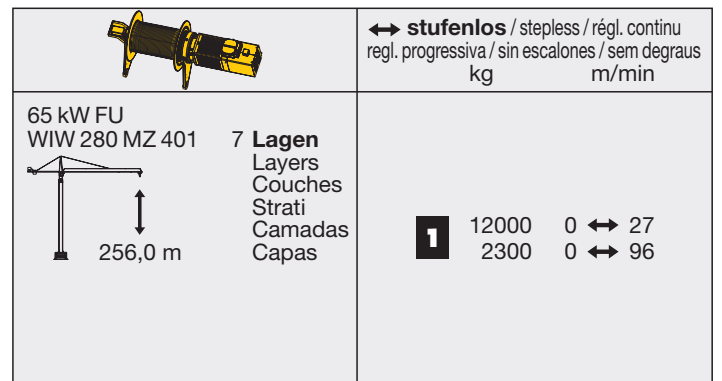
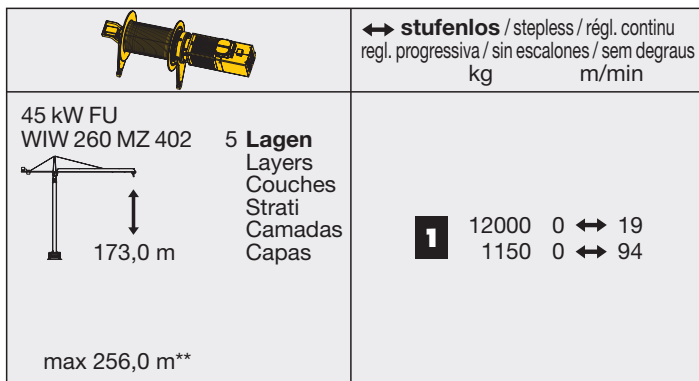
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\* Weitere Hubhöhen, Auslegerlängen sowie Klettern im Gebäude auf Anfrage. / Further hoist heights and jib lengths as well as climbing inside the building on request. / Autres hauteurs sous crochet et longueurs de flèche ainsi que hissage dans le bâtiment sur demande. / Ulteriori altezze gancho, lunghezze braccio così come telescopaggio all'interno dell'edificio: su richiesta. / Para alturas bajo gancho superiores, otros alcances y trepado en el interior del edificio, consultar. / Outras alturas de elevação, comprimentos de lança e subida no edifício: sob consulta.

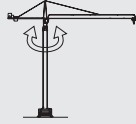
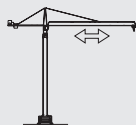



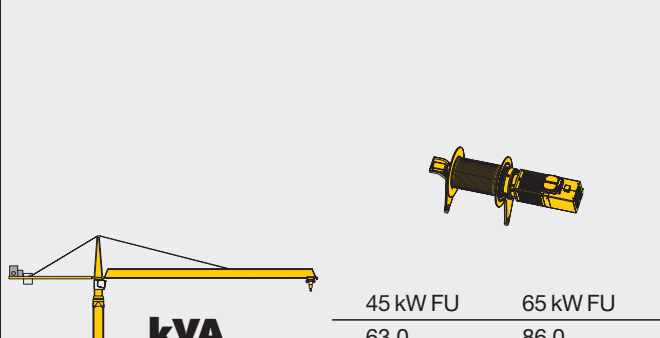
## Antriebe FR.tronic®

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



\*\* Weitere Hublastdaten: siehe Betriebsanleitung. / Further hoist data: see instruction manual. / Autres données de la charge de levage: voir manuel d'instruction. / Altri dati sui carichi sollevati: consultare il manuale d'istruzione. / Alturas bajo grancho superiores según manual. / Outras tabelas de carga: consultar manual de instruções.

	U/min 0 ↔ 0,8 sl./min tr./min	2 x 7,5 kW FU
	0 ↔ 110,0 m/min	7,5 kW FU
	25,0 m/min	2 x 5,5 kW (170 HC, 185 HC) 2 x 7,5 kW (256 HC)



45 kW FU	65 kW FU
63,0	86,0


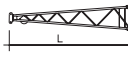


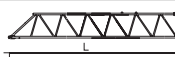




## Kolli-Liste

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

Montagengewichte: siehe Betriebsanleitung. / Erection weights: see instruction manual. / Poids de montage: voir manuel de service.  
Pesi di montaggio: vedasi le istruzioni sull'uso. / Peso para el montaje: según manual. / Pesos de montagem: veja-se as instruções p. uso.



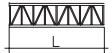
### Kranoberteil

Upper part of crane / Partie supérieure de grue / Parte superiore della gru  
Parte superior grúa / Parte superior do guindaste



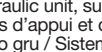





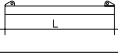



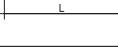



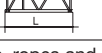

Pos. Item Rep. Pos. Ref.	Anz. Qty. Qta. Cant. Cant.	Description	Diagram	L (m)	B (m)	H (m)	kg*
1	1	<b>Drehbühne kpl.</b> / Slewing platform cpl. Ensemble mât cabine cpl. / Piattaforma girevole compl. / Conjunto plataforma de giro Plataforma giratória compl.		170 HC 5,24 185 HC 5,40 256 HC 5,40	2,45 2,80 2,80	2,63 2,64 2,64	7900 8400 8400
2	1	<b>Turm Spitze</b> / Tower head section Porte-flèche / Testa porta-braccio Cabeça de torre / Cabeça de apoio de lança		7,90	1,48	1,91	1900
3	1	<b>Gegenausleger</b> / Counter-jib Contre-flèche / Controbraccio Contrapluma / Contra-lança		13,50	2,30	0,61	3500
4	1	<b>Hubwerkseinheit</b> / Hoist gear unit / Treuil de levage / Gruppo meccanismo sollevamento / Mecanismo de elevación Grupo de mecanismo elevatório		2,20	2,39	1,74	3300
5	1	<b>Ausleger-Anlenkstück</b> / Jib heel section Pied de flèche / Settore articolato di braccio Pluma tramo primero / Base articulada de lança		10,29	1,71	1,98	① 2390
6	4	<b>Ausleger-Zwischenstück</b> / Intermediate jib section / Elément intermédiaire de flèche Spezzone di braccio / Tramo intermedio pluma Peça suplementar da lança		10,30	1,50	1,90	② 1570 ④ 1400 ⑤ 1100 ⑥ 710
7	2	<b>Ausleger-Zwischenstück</b> / Intermediate jib section / Elément intermédiaire de flèche Spezzone di braccio / Tramo intermedio pluma Peça suplementar da lança		5,30	1,50	1,90	③ 710 ⑦ 350
8	1	<b>Ausleger-Kopfstück</b> / Jib head section Pointe de flèche / Punta freccia Tramo punta de pluma / Cabeça de lança		0,72	1,66	2,03	⑧ 240
9	1	<b>Laufkatze und Lasthaken</b> / Trolley and hook / Chariot de distribution et crochet Carrello con gancio / Carrito y gancho Carro de ponte e gancho		1,87	1,69	1,57	1050

### Turm

Tower / Mât / Torre  
Torre / Torre

10	8-9 9-10 10-12	<b>Turmstück</b> / Tower section Elément de mât / Elemento di torre Tramo torre / Torre		170 HC 4,14 185 HC 4,14 256 HC 4,14	1,90 2,30 2,30	1,90 2,30 2,30	1850 2240 2300
11	1	<b>Turmstück lang</b> / Long tower section Elément de mât long / Elemento di torre, lungo Tramo de torre largo / Peça de torre, comprida		170 HC 12,42 185 HC 12,42 256 HC 12,42	1,90 2,30 2,30	1,90 2,30 2,30	4780 5460 5770
12	1	<b>Grundturmstück</b> / Base tower section Mât de base / Elemento di torre base Tramo base / Peça de base de torre		170 HC 9,60 185 HC 8,85 256 HC 8,85 (12,42)	1,90 2,30 2,30 (2,30)	1,90 2,30 2,30 (2,30)	4480 4280 4830 (7940)

Pos. Anz.  
Item Qty.  
Rep. Qte.  
Voce Qta.  
Pos. Cant.  
Ref. Cant.

				L (m)	B (m)	H (m)	kg*	
<b>Klettereinrichtung</b>		<b>Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru</b>						
		<b>Equipo de trepado / Acesoários p. subida no edificio</b>						
13	1	<b>Führungsstück kpl.</b> / Guide section cpl. / Cage télescopique cpl. / Gabbia di sopraelevazione compl. / Torre de montaje completa / Peça de guia compl.			170 HC 9,04 185 HC 8,39 256 HC 8,39	2,31 2,68 2,68	2,28 2,58 (3,04) 2,58 (3,04)	4400 5210 5210
14	1	<b>Hydraulikanlage, Stütz- und Klettertraverse</b> / Hydraulic unit, supporting and climbing cross members / Système hydraulique avec traverses d'appui et de télescopage / Sistema idraulico, traversa di appoggio e allungamento gru / Sistema hidráulico con travesía de apoyo y trepado / Instalação hidráulica, travessa de apoio e subida			170 HC 2,00 185 HC 2,30 256 HC 2,30	1,10 1,25 1,25	1,00 1,00 1,00	1100 1150 1300
<b>Unterwagen</b>		<b>Undercarriage / Châssis / Carro della gru</b>						
		<b>Carro con mástil / Carro de guindaste</b>						
15	2	<b>Fahrschemel mit Antrieb</b> / Rail bogie with drive / Bogie moteur / Telaio con gruppo propulsore / Caja rodillo motriz / Quadro sem grupo de propulsão			170 HC 1,46 185 HC 1,46 256 HC 1,63 (1,46)	0,84 0,84 0,92 (0,84)	0,87 0,87 0,95 (0,87)	920 920 1690 (920)
16	2	<b>Fahrschemel ohne Antrieb</b> / Rail bogie without drive / Bogie fou / Telaio senza gruppo propulsore / Caja rodillo conducido / Quadro com grupo de propulsão			170 HC 1,15 185 HC 1,15 256 HC 1,37 (1,15)	0,60 0,60 0,62 (0,60)	0,87 0,87 0,95 (0,87)	880 880 1340 (880)
17	1	<b>Tragholm lang</b> / Long support arm / Longeron long / Longherone lungo / Brazo soporte largo / Travessa comprida			170 HC 7,15 185 HC 9,10 256 HC 9,10 (11,95)	0,80 0,82 0,80 (0,82)	0,70 0,74 0,80 (0,80)	1070 1350 1650 (2200)
18	2	<b>Tragholm kurz</b> / Short support arm / Longeron court / Longherone corto / Brazo soporte corto / Travessa curta			170 HC 3,45 185 HC 4,41 256 HC 4,45 (5,58)	0,60 0,62 0,77 (0,65)	0,70 0,71 0,77 (0,77)	500 615 850 (1035)
19	2 + 2	<b>Randträger</b> / Border support / Traverse / Supporti base / Traviesa / Apoio de bordo			170 HC 4,08 - 4,30 185 HC 5,48 - 5,46 256 HC 5,46 - 5,40 (7,52 - 7,46)	0,16 - 0,33 0,11 - 0,17 (0,10 - 0,17)	0,11 - 0,14 0,16 - 0,38 (0,10 - 0,38)	80 - 200 60 - 230 (183 - 460)
20	4	<b>Stützholm</b> / Support strut / Hauban de châssis / Correnti di appoggio / Tirante vertical / Travessa de apoio			170 HC 3,53 185 HC 4,23 256 HC 4,14 (6,55)	0,25 0,17 0,18 (0,22)	0,17 0,25 0,25 (0,25)	240 275 330 (600)
21	1	<b>Unterwagen-Turmstück</b> / Undercarriage tower section / Mât de châssis / Elemento di torre del carro / Tramo de carro / Peça de torre do chassis			170 HC 3,30 185 HC 3,73 256 HC 3,73 (6,70)	2,15 2,52 2,62 (2,53)	2,15 2,52 2,62 (2,53)	2000 2050 3000 (4200)
22	1	<b>Kleinteile, Seile und Abspannungen</b> / Small parts, ropes and holding bars / Accessoires, câbles et tirants / Accessori, funi e attrezzi di ancoraggio / Despieces, cables y tirantes / Acesoários, cabos e peças de ancoragem			170 HC 185 HC 256 HC	9,00 1,60 1,00	1,00	4000

( ) **Angaben in Klammern gelten für 8 m-Unterwagen.** / The data in brackets are valid for an undercarriage of 8 m. / Les données techniques indiquées entre parenthèses sont valables pour un châssis de 8 m. / Caratteristiche in (...) valgono per carro di 8 m. / Los datos entre paréntesis son válidos para carro de 8 m. / Características em (...) válidas pelo chassis de 8 m.

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

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

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