

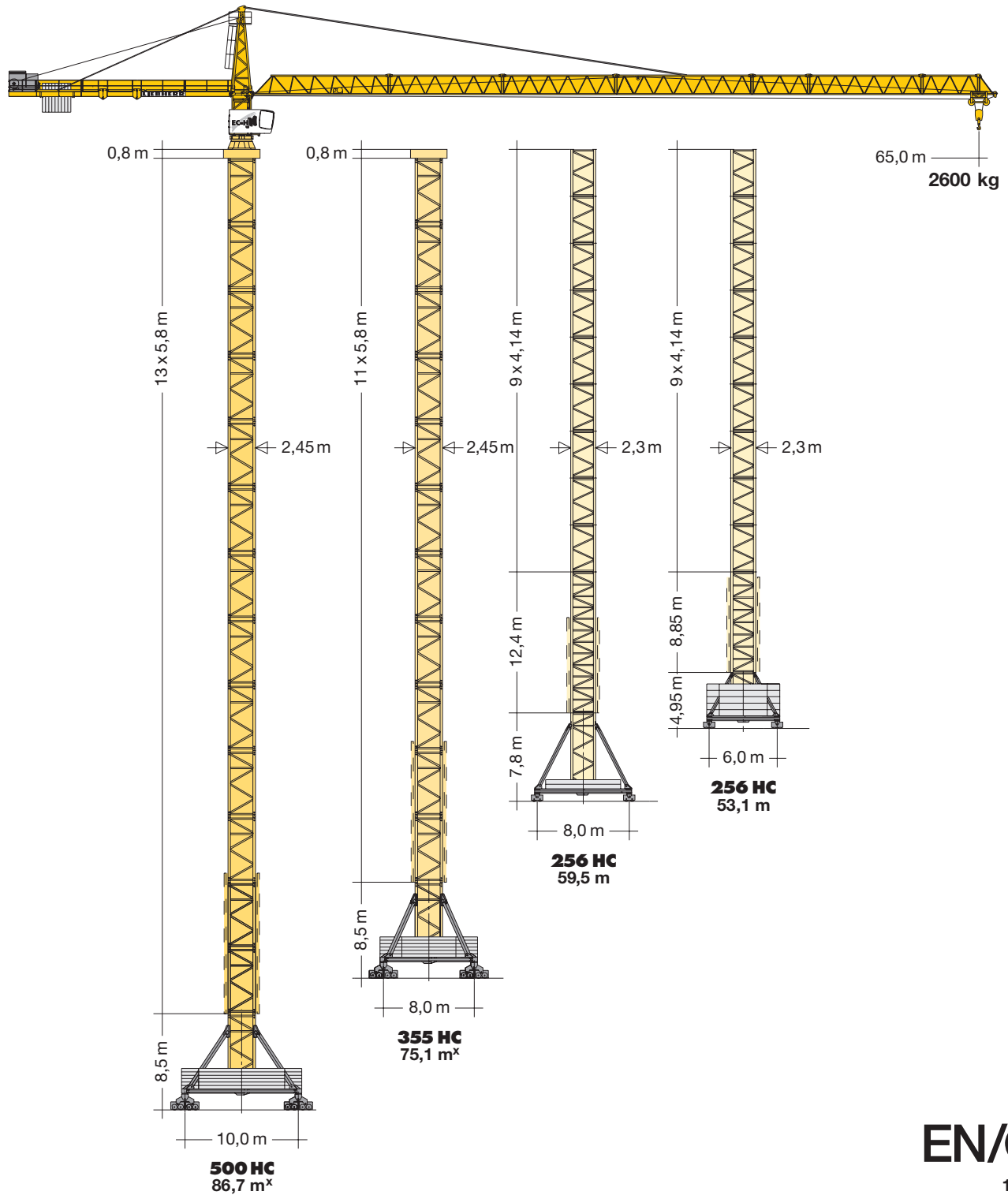
# Turmdrehkran

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

# 245 EC-HM 12 FR.tronic®

245 EC-HM 8 FR.tronic®

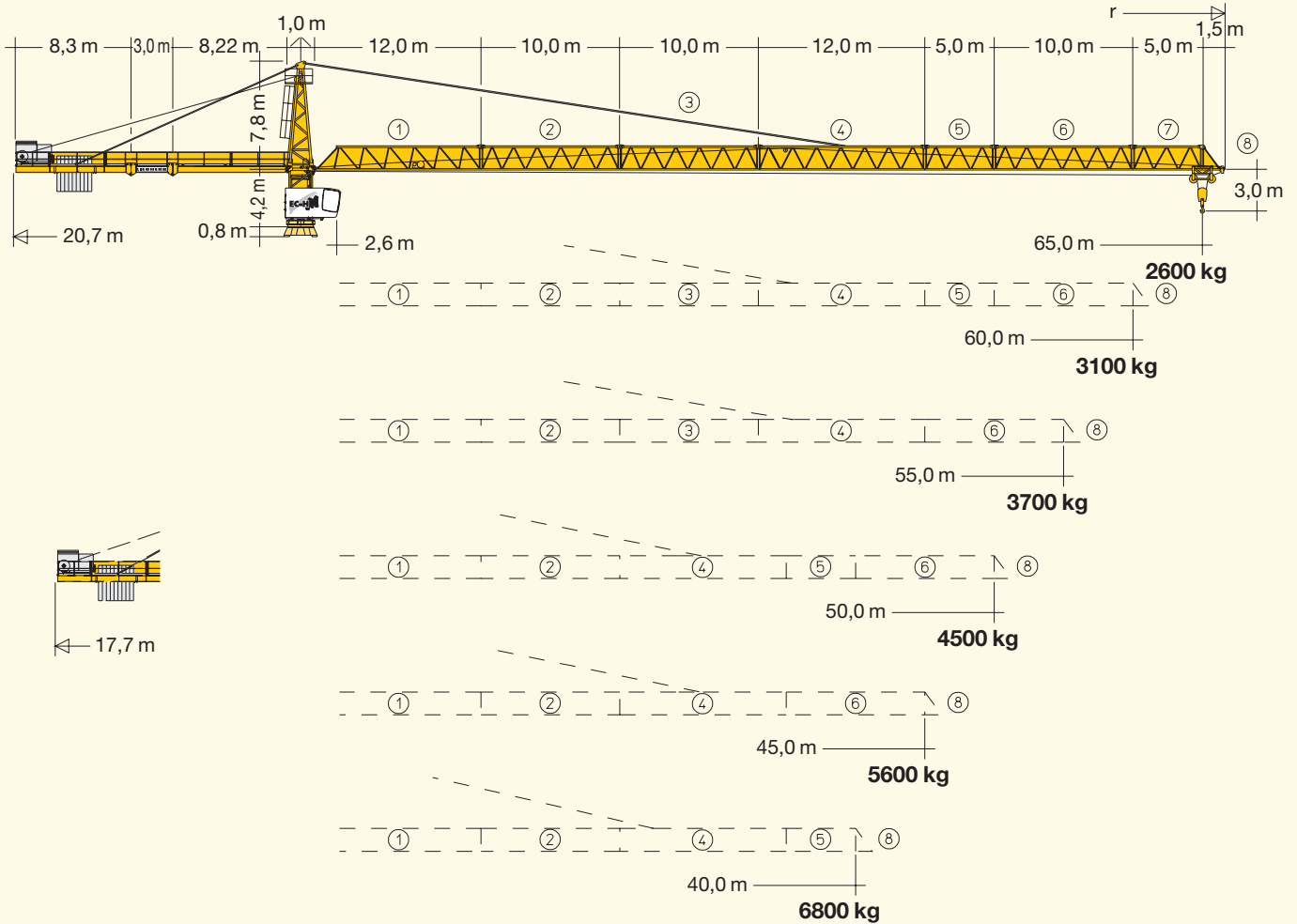
▶ 245 EC-HM 12 FR.tronic®



EN/CE

1:530

# LIEBHERR



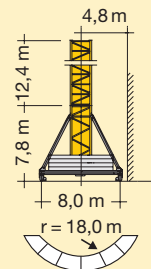
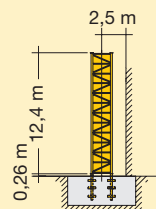
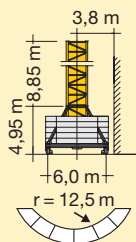
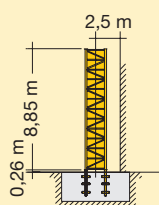
# Hubhöhe

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

## 256 HC

10	-	-	56,1*	-
9	48,4*	53,1*	51,9	59,5*
8	44,2	48,9	47,8	55,3
7	40,1	44,8	43,7	51,2
6	36,0	40,6	39,5	47,0
5	31,8	36,5	35,4	42,9
4	27,7	32,4	31,2	38,8
3	23,5	28,2	27,1	34,6
2	19,4	24,1	23,0	30,5
1	15,3	19,9	18,8	26,3
0	11,1	15,8	14,7	22,2

m



C 25

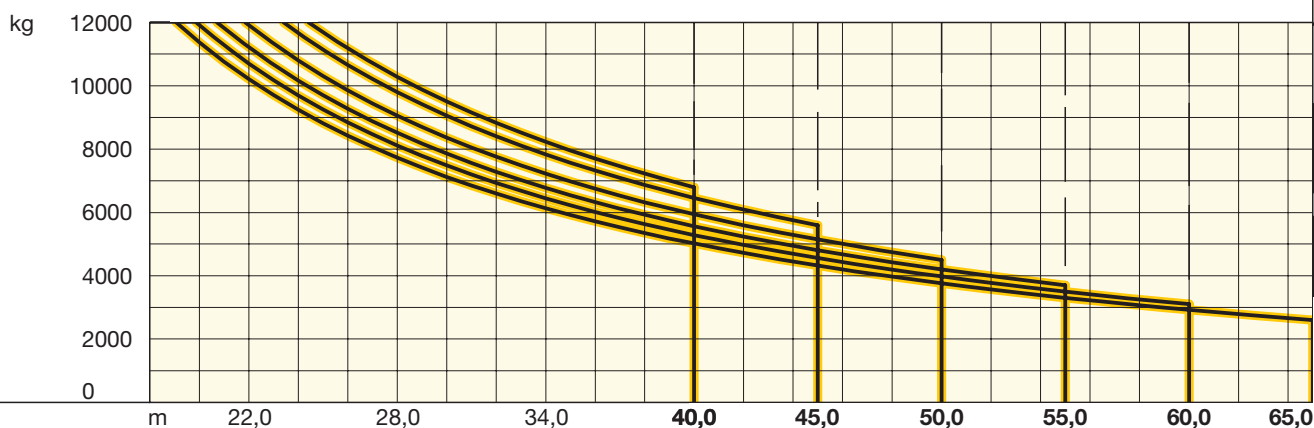


**S = verstärkt**  
reinforced  
renforcé  
rinforzato  
reforzado  
reforçado



**Klettern im Gebäude auf Anfrage**  
Climbing inside building on request  
Télescopage en bâtiment sur demande  
Telescopaggio all'interno dell'edificio, su richiesta  
Para trepado en el interior del edificio, consultar  
Subida no edificio, conforme ao pedido

m	r	m/kg	245 EC-HM 12 FR.tronic®																				
			20,0	22,0	24,0	26,0	28,0	30,0	32,0	34,0	36,0	38,0	40,0	42,0	45,0	48,0	50,0	52,0	55,0	58,0	60,0	62,0	65,0
65,0	(r = 66,6)	2,6-19,1 12000	11370	10210	9250	8430	7730	7130	6600	6130	5720	5350	5020	4720	4320	3970	3760	3570	3300	3070	2920	2790	2600
60,0	(r = 61,6)	2,6-19,9 12000	11920	10700	9700	8840	8120	7490	6930	6450	6020	5630	5290	4970	4560	4190	3970	3770	3500	3250	3100		
55,0	(r = 56,6)	2,6-20,7 12000	12000	11210	10160	9280	8520	7860	7290	6780	6330	5930	5570	5240	4810	4430	4200	3990	3700				
50,0	(r = 51,6)	2,6-21,9 12000	12000	11910	10800	9860	9060	8370	7760	7230	6750	6330	5950	5600	5140	4740	4500						
45,0	(r = 46,6)	2,6-23,4 12000	12000	12000	11660	10660	9800	9060	8410	7830	7330	6870	6460	6090	5600								
40,0	(r = 41,6)	2,6-24,4 12000	12000	12000	12000	11180	10290	9510	8830	8230	7700	7230	6800										



## Hubhöhe

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

	355 HC			500 HC	
13	-	-	-	78,6*	86,7 <sup>x</sup>
12	-	-	-	72,8	80,9*
11	67,0*	78,6 <sup>x</sup>	75,1 <sup>x</sup>	67,0	75,1
10	61,2	72,8*	69,3*	61,2	69,3
9	55,4	67,0	63,5	55,4	63,5
8	49,6	61,2	57,7	49,6	57,7
7	43,8	55,4	51,9	43,8	51,9
6	38,0	49,6	46,1	38,0	46,1
5	32,2	43,8	40,3	32,2	40,3
4	26,4	38,0	34,5	26,4	34,5
3	20,6	32,2	28,7	20,6	28,7
2	14,8	26,4	22,9	14,8	22,9
1	9,0	20,6	17,1	9,0	17,1
0	3,2	14,8	11,3	3,2	11,3
m				m	

x = Nur bei Windzone C 10

Only in case of wind zone C 10

Seulement en cas de zone de vent C 10

Solo in zona vento C 10

Solo en zona de viento C 10

Só em zona de vento C 10

Weitere Hubhöhen in Abhängigkeit von Windzonen auf Anfrage

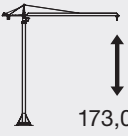
Additional hoist heights depending on wind zones on request



Hauteurs sous crochet supplémentaires dépendant des zones de vent sur demande

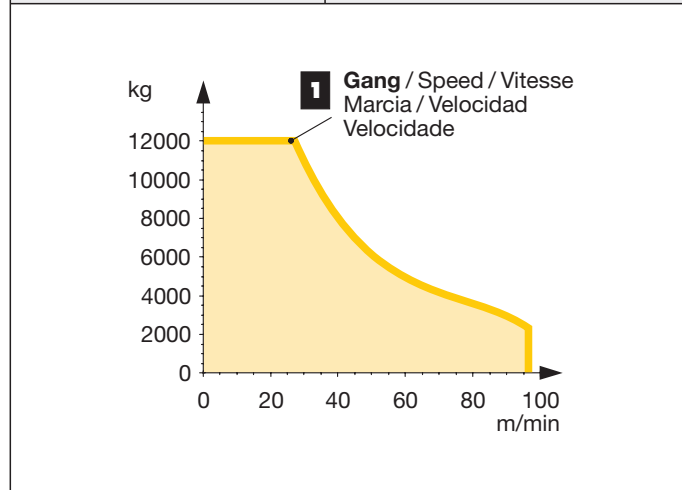
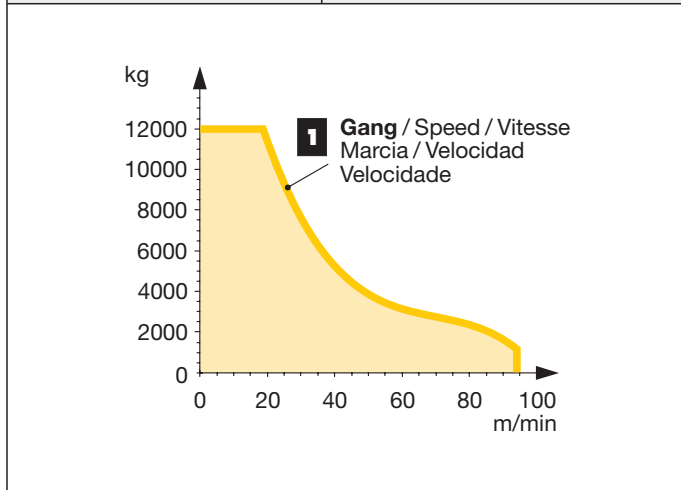
A richiesta, ulteriori altezze di sollevamento a seconda delle zone vento

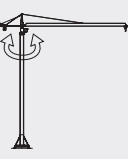
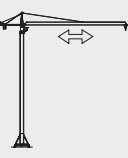



Para otras alturas bajo gancho superiores en zonas de viento, consultar

Para outras alturas de elevação em zonas de vento, conforme ao pedido



























	↔ <b>stufenlos</b> / stepless / régl. continu regl. progressiva / sin escalones / sem degraus kg m/min
45 kW FR.tronic-FU WIW 260 MZ 402	
 5 <b>Lagen</b> Layers Couches Strati Camadas Capas 173,0 m	<b>1</b> 12000 0 ↔ 19 1150 0 ↔ 94


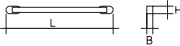

	↔ <b>stufenlos</b> / stepless / régl. continu regl. progressiva / sin escalones / sem degraus kg m/min
65 kW FR.tronic-FU WIW 280 MZ 401	
 7 <b>Lagen</b> Layers Couches Strati Camadas Capas 256,0 m	<b>1</b> 12000 0 ↔ 27 2300 0 ↔ 96



	U/min 0 ↔ 0,7 sl./min tr./min	2 x 7,5 kW FR.tronic-FU
	0 ↔ 110,0 m/min	7,5 kW FR.tronic-FU
	25,0 m/min	4 x 7,5 kW (500 HC, 355 HC) 2 x 7,5 kW (256 HC)
 <b>kVA</b>		45 kW FU    65 kW FU 63,0        86,0

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

<b>Kranoberteil</b>		<b>Upper part of crane / Partie supérieure de grue / Parte superiore della gru</b>		<b>L (m)</b>	<b>B (m)</b>	<b>H (m)</b>	<b>kg*</b>	
Pos. Ref.	Anz. Cant.							
1	1	<b>Drehbühne</b> / Slewing platform / Ensemble mât-cabine / Piattaforma girevole / Conjunto plataforma de giro / Plataforma giratória						
				5,40	2,74	2,37	9000	
2	1	<b>Kabine</b> / Cabin Cabine / Cabina Cabina / Cabina						
				4,05	1,55	2,34	1000	
3	1	<b>Turmspitze</b> / Tower head Porte-flèche / Cuspide / Cabeza de torre Cabeça de apoio de lança						
				7,90	1,62	1,80	2500	
4	1	<b>Hubwerkseinheit</b> / Hoist gear unit / Treuil de levage Gruppo meccanismo sollevamento / Mecanismo de elevación / Grupo de mecanismo elevatório						
				2,39	2,19	1,68	3270	
5	1	<b>Gegenausleger-Kopfstück</b> / Counter-jib head Pointe de contre-flèche / Testa di controbraccio Tramo punta de contrapluma / Cabeça de contra-lança						
				8,50	2,42	0,92	2850	
6	1	<b>Gegenausleger-Anlenkstück</b> / Counter-jib heel section Pied de contre-flèche / Settore articolato di controbraccio Base articulada da contra-lança						
				8,44	1,77	0,92	2800	
7	1	<b>Gegenausleger-Zwischenstück</b> / Intermediate counter-jib section Elément interm. de contre-flèche Spezzone di controbraccio / Tramo intermedio de contrapluma / Peça suplementar da contra-lança						
				3,22	1,76	0,92	950	
8	1	<b>Ausleger-Anlenkstück</b> / Jib heel section Pied de flèche / Settore articolato di braccio Base articulada de lança / Pluma tramo primero						
				12,30	1,84	1,90	① 2980	
9	1	<b>Ausleger-Zwischenstück</b> / Intermediate jib section Elément intermédiaire de flèche / Spezzone di braccio Peça suplementar da lança / Tramo intermedio pluma						
1	10,40			1,63	1,85	② 1680		
1	10,40			1,63	1,85	③ 1610		
1	12,30			1,63	1,85	④ 1840		
1	5,30			1,63	1,85	⑤ 585		
1	10,40			1,63	1,85	⑥ 1100		
1	5,30	1,63	1,85	⑦ 400				
10	1	<b>Ausleger-Kopfstück</b> / Jib head Pointe de flèche / Punta freccia Cabeça de lança / Tramo punta de pluma						
				1,70	1,84	2,05	⑧ 300	
11	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						
				1,89	1,83	1,20	1150	
<b>Turm</b>		<b>Tower / Mât / Torre</b>						
12	9	<b>Turmstück</b> / Tower section						
	11	Elément de mât / Elemento di torre		256 HC	4,14	2,30	2,30	2300
	13	Torre / Torre		355 HC	6,28	2,45	2,45	5050
				500 HC	6,28	2,45	2,45	6480
13	1	<b>Turmstück lang</b> / Long tower section Elément de mât long / Elemento di torre, lungo Tramo de torre largo / Peça de torre, comprida						
				256 HC	12,42	2,30	2,30	5770
14	1	<b>Grundturmstück</b> / Base tower section Mât de base / Elemento di torre base Tramo torre base / Peça de base de torre						
				256 HC	8,85 (12,42)	2,30 (2,30)	2,30 (2,30)	4580 (7700)
				355 HC	12,08	2,45	2,45	9770
<b>Klettereinrichtung</b>		<b>Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru</b>		<b>Equipo de trepado / Acsórios p. subida no edificio</b>				
15	1	<b>Führungsstück kpl., geteilt</b> / Guide section cpl., split Cage télescopique cpl., dévisée / Gabbia di sopraelevazione compl., suddivisa / - / Peça de guia, subdividida		256 HC	8,39	2,68	2,58 (3,04)	5100
				355 HC	12,39	2,75	1,58	8300
				500 HC	12,39	2,75	1,58	8300
16	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 / Instalação hidráulica, travessa de apoio e subida / Sistema hidráulico con traviesa de apoyo y trepado		256 HC	2,10	1,25	1,00	1150
				355 HC	2,10	1,10	1,00	1810
				500 HC	2,10	1,10	1,00	1810
<b>Unterwagen</b>		<b>Undercarriage / Châssis / Carro della gru</b>		<b>Carro con mástil / Carro de guindaste</b>				
17	4	<b>Ausgleichsschwinge mit Schwingenlager</b> Pivot for wheel box / Chape pour bogie Bilanciere di equilibratura con cuscinetto Balançin / Balancim com suporte		355 HC				
				500 HC	1,60	0,72	1,48	1390
18	2	<b>Fahrschemel mit Antrieb</b> / Rail bogie with drive / Bogie moteur / Telaio con gruppo propulsore / Quadro sem grupo de propulsão / Caja rodillo motriz		256 HC	1,63 (1,46)	0,92 (0,84)	0,95 (0,87)	1690 (920)
	4			355 HC	1,40	0,75	0,65	920
	4			500 HC	1,45	0,82	0,72	1690
19	2	<b>Fahrschemel ohne Antrieb</b> / Rail bogie without drive / Bogie fou / Telaio senza gruppo propulsore / Quadro com grupo de propulsão / Caja rodillo conducido		256 HC	1,37 (1,15)	0,62 (0,60)	0,95 (0,87)	1340 (880)
	4			355 HC	1,10	0,60	0,65	880
	4			500 HC	1,30	0,40	0,72	1340
20	1	<b>Tragholm lang</b> / Long support arm Longeron long / Longherone lungo Brazo largo soporte / Travessa comprida		256 HC	9,10 (11,85)	0,80 (0,82)	0,80 (0,80)	1650 (2200)
	2			355 HC	11,82	0,92	0,93	3515
	2			500 HC	7,32	0,92	0,93	2330
21	2	<b>Tragholm kurz</b> / Short support arm Longeron court / Longherone corto Brazo corto soporte / Travessa curta		256 HC	4,45 (5,58)	0,77 (0,65)	0,77 (0,77)	800 (1035)
				355 HC	5,74	0,80	0,90	1600
				500 HC	7,14	0,80	0,90	2135

Pos. Item Rep. Voce Pos. Ref.	Anz. Qty. Qte. Qta. Cant. Cant.				L (m)	B (m)	H (m)	kg*
22	2 + 2	<b>Randträger</b> / Border support Traverse / Supporti base Traviesa / Apoio de bordo		256 HC	5,46 – 5,40	0,11 – 0,18	0,16 – 0,38	175 – 525
				355 HC	(7,52 – 7,46)	(0,10 – 0,17)	(0,10 – 0,38)	(366 – 912)
				500 HC	7,30	0,14	0,14	340
				500 HC	9,30	0,14	0,14	510
23	4	<b>Stützholm</b> / Support strut Hauban de châssis / Correnti di appoggio Tirante vertical / Travessa de apoio		256 HC	4,14 (6,55)	0,18 (0,22)	0,25 (0,25)	320 (600)
				355 HC	6,06	0,26	0,34	862
				500 HC	6,98	0,26	0,34	1140
24	1	<b>Unterswagen-Turmstück</b> / Undercarriage tower section / Mât de châssis / Elemento di torre del carro / Tramo de carro / Peça de torre do chassis		256 HC	3,73 (6,70)	2,62 (2,53)	2,62 (2,53)	2550 (3800)
				355 HC	6,61	2,44	2,44	7475
				500 HC	6,61	2,44	2,44	7930
25		<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 / Acessórios, cabos e peças de ancoragem		256 HC				
				355 HC	9,00	1,60	1,00	4000
				500 HC				

( ) **Angaben in Klammern gelten für 8 m-Unterswagen.** / 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 de peças componentes. / Pesos unitarios.

**Konstruktionsänderungen vorbehalten!**

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

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