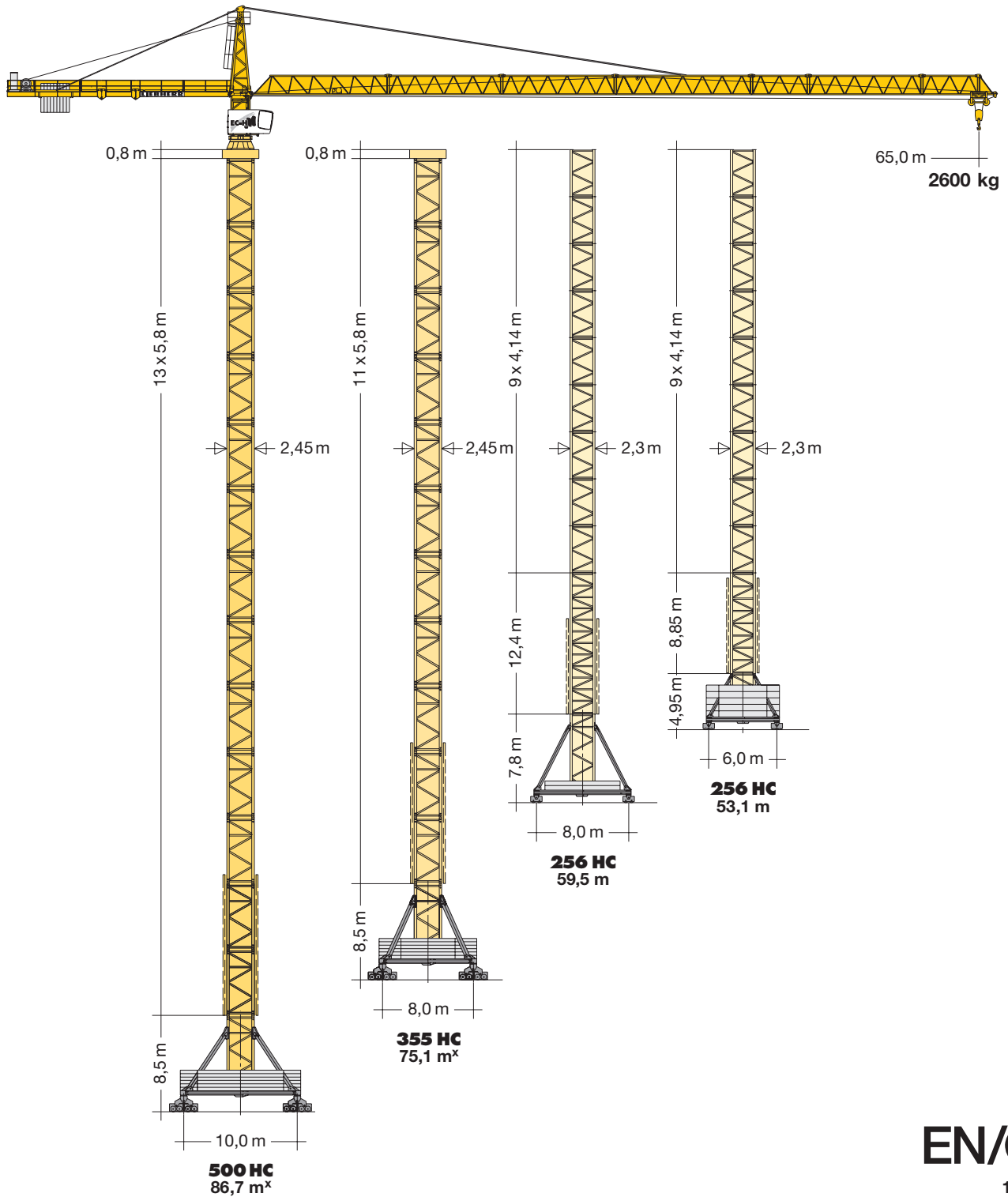


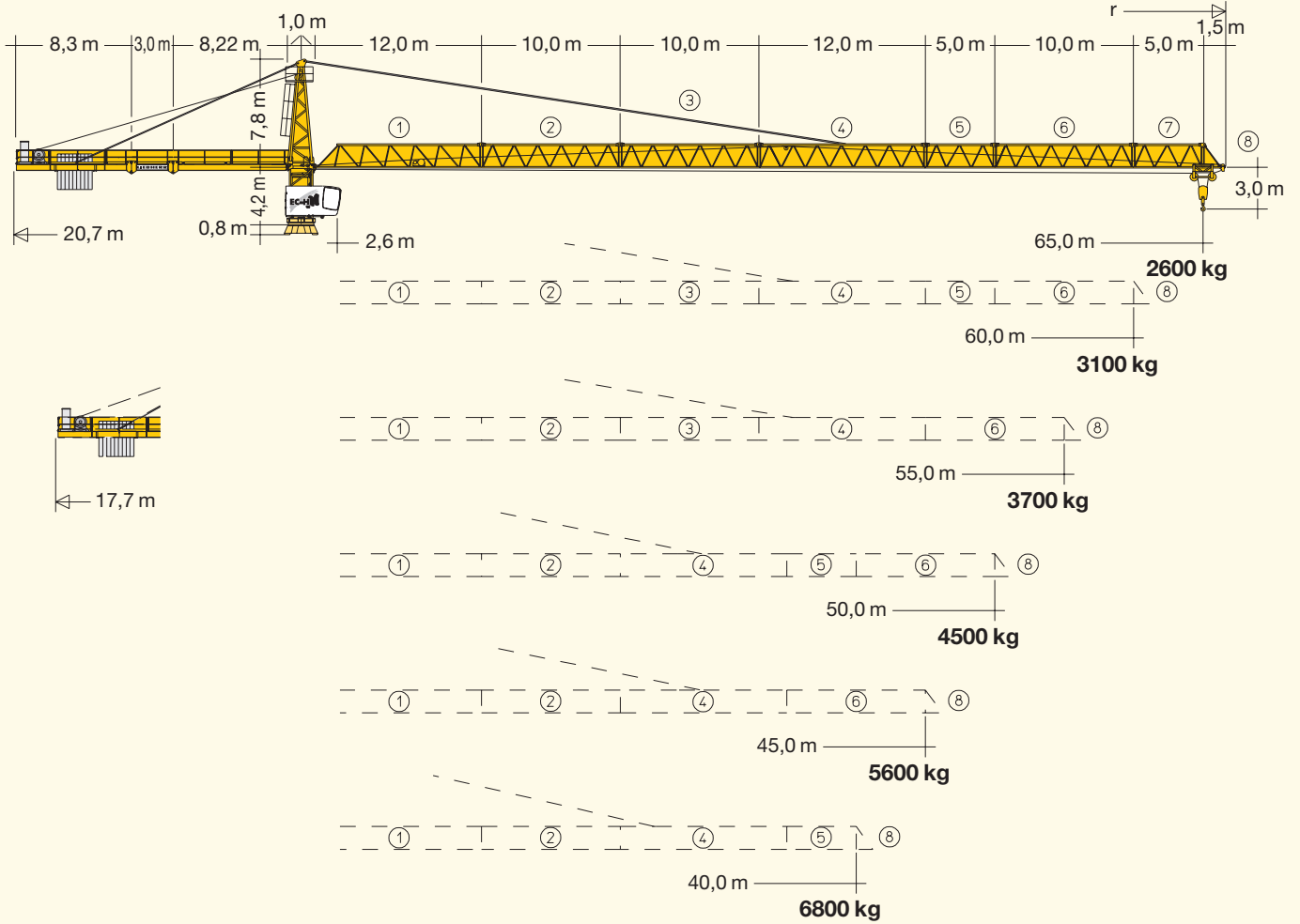
Turmdrehkran

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

245 EC-HM 12 FR.tronic®



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				

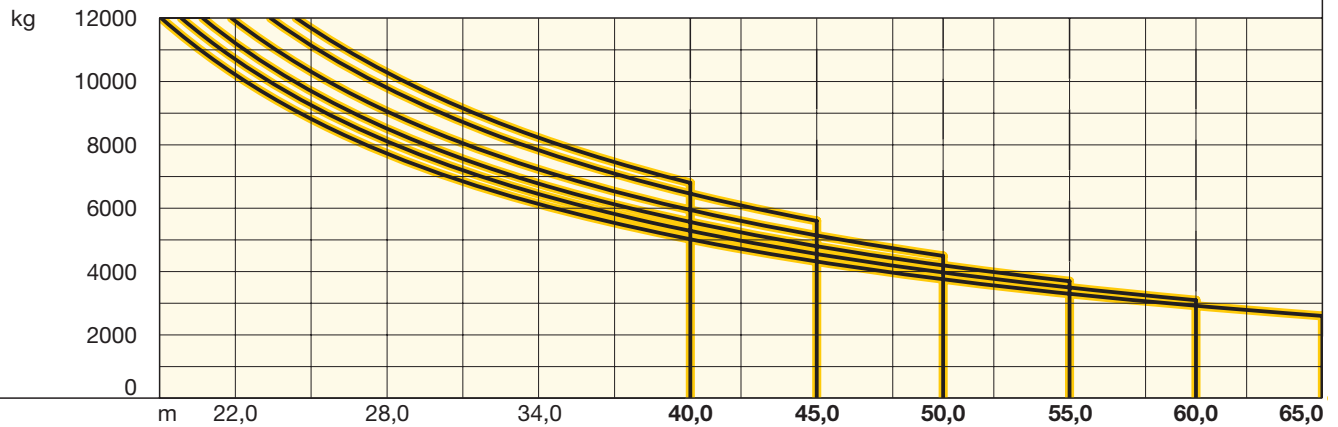


S = verstärkt
reinforced
renforcé
rinforzato
reforzado
reforçado

Weitere Auslegerlängen und Klettern im Gebäude auf Anfrage.

Further jib lengths as well as climbing inside the building on request.
Autres longueurs de flèche et hissage dans le bâtiment sur demande.
Ulteriori lunghezze braccio e telescopaggio all'interno dell'edificio: su richiesta.
Para otros alcances y trepado en el interior del edificio, consultar.
Outros comprimentos de lança e subida no edifício: sob consulta.

m	r	m/kg	245 EC-HM 12 FR.tronic®																
			m/kg																
			22,0	25,0	28,0	31,0	34,0	37,0	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	10210	8820	7730	6850	6130	5530	5020	4720	4320	3970	3760	3570	3300	3070	2920	2790	2600
60,0	(r = 61,6)	2,6-19,9 12000	10700	9250	8120	7200	6450	5820	5290	4970	4560	4190	3970	3770	3500	3250	3100		
55,0	(r = 56,6)	2,6-20,7 12000	11210	9700	8520	7560	6780	6120	5570	5240	4810	4430	4200	3990	3700				
50,0	(r = 51,6)	2,6-21,9 12000	11910	10310	9060	8050	7230	6530	5950	5600	5140	4740	4500						
45,0	(r = 46,6)	2,6-23,4 12000	12000	11140	9800	8720	7830	7090	6460	6090	5600								
40,0	(r = 41,6)	2,6-24,4 12000	12000	11690	10290	9160	8230	7460	6800										



Hubhöhe

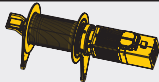
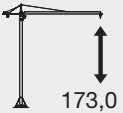
Hoisting height / Hauteur sous crochet / Altezza di sollevamento / Altura bajo gancho / Altura de montagem

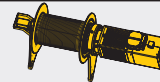
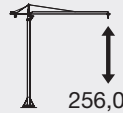
	355 HC			500 HC	
13	-	-	-	78,6*	86,7*
12	-	-	-	72,8	80,9*
11	67,0*	78,6*	75,1*	67,0	75,1
10	61,2	72,8*	69,3*	61,2	69,3
9	55,4	67,0	63,5	55,4	63,5
8	49,6	61,2	57,7	49,6	57,7
7	43,8	55,4	51,9	43,8	51,9
6	38,0	49,6	46,1	38,0	46,1
5	32,2	43,8	40,3	32,2	40,3
4	26,4	38,0	34,5	26,4	34,5
3	20,6	32,2	28,7	20,6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

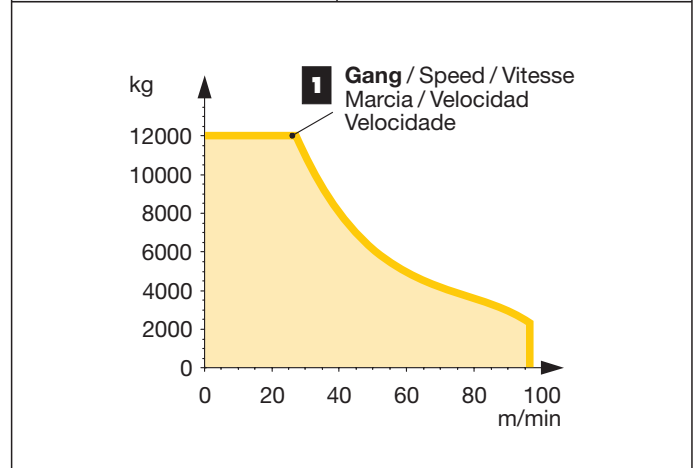
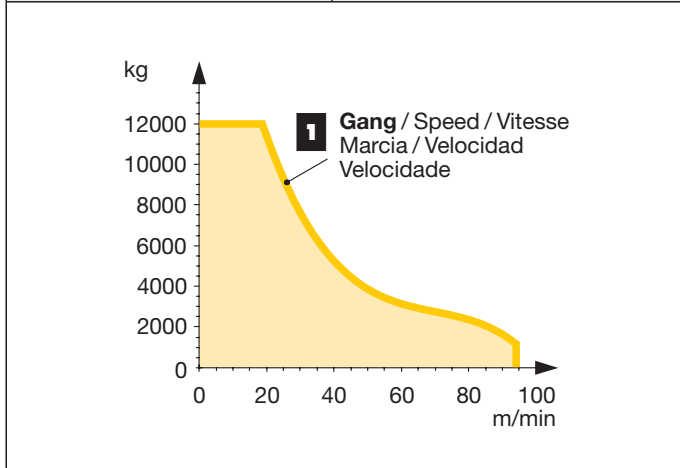
	355 HC			500 HC	

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


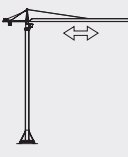


Weitere Hubhöhen in Abhängigkeit von Windzonen auf Anfrage
 Additional hoist heights depending on wind zones on request
 Hauteurs sous crochet supplémentaires dépendant des zones de vent sur demande
 A richiesta, ulteriori altezze di sollevamento a seconda delle zone vento
 Para otras alturas bajo gancho superiores en zonas de viento, consultar
 Para outras alturas de elevação em zonas de vento, conforme ao pedido

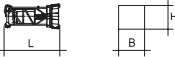



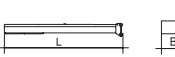


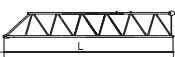
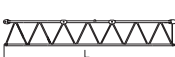
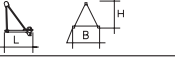
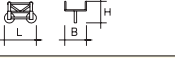

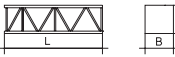


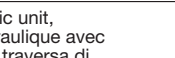
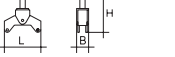
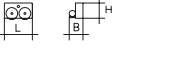

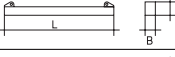

	↔ stufenlos / stepless / régl. continu regl. progressiva / sin escalones / sem degraus kg m/min
45 kW FU WIW 260 MZ 402 5 Lagen Layers Couches Strati Camadas Capas 	1 12000 0 ↔ 19 1150 0 ↔ 94
max. 256,0 m**	

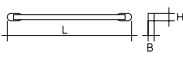
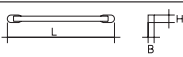

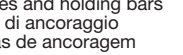
	↔ stufenlos / stepless / régl. continu regl. progressiva / sin escalones / sem degraus kg m/min
65 kW FU WIW 280 MZ 401 7 Lagen Layers Couches Strati Camadas Capas 	1 12000 0 ↔ 27 2300 0 ↔ 96
max. 256,0 m**	



** Weitere Hublastdaten: siehe Betriebsanleitung. / Further hoist load 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 ↔ 0,7 sl./min tr./min	2 x 7,5 kW FU
	0 ↔ 110,0 m/min	7,5 kW FU
	25,0 m/min	4 x 7,5 kW (500 HC, 355 HC) 2 x 7,5 kW (256 HC)
	kVA	45 kW FU 65 kW FU 63,0 86,0

Kranoberteil		Upper part of crane / Partie supérieure de grue / Parte superiore della gru	Parte superior grúa / Parte superior do guindaste	L (m)	B (m)	H (m)	kg*	
Pos. Item Rep. Voce Pos. Cant. Ref.	Anz. Qty. Qta. Cant. Cant.	Drehbühne / Slewing platform / Ensemble mât-cabine / Piattaforma girevole / Conjunto plataforma de giro / Plataforma giratória		5,40	2,74	2,37	9000	
1	1							
2	1	Kabine / Cabin Cabine / Cabina Cabina / Cabina		4,05	1,80	2,34	1100	
3	1	Turmspitze / Tower head Porte-flèche / Cuspide / Cabeza de torre Cabeça de apoio de lança		7,90	1,62	1,80	2500	
4	1	Hubwerkseinheit / 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	Gegenausleger-Kopfstück / 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	Gegenausleger-Anlenkstück / Counter-jib heel section / Pied de contre-flèche / Settore articolato di controbraccio / Tramo primero-contrapluma Base articulada da contra-lança		8,44	1,77	0,92	2800	
7	1	Gegenausleger-Zwischenstück / Intermediate counter-jib section / Élément 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	Ausleger-Anlenkstück / Jib heel section Pied de flèche / Settore articolato di braccio Pluma tramo primero / Base articulada de lança		12,26	1,86	1,96	① 2980	
9	1	Ausleger-Zwischenstück / Intermediate jib section Élément intermédiaire de flèche / Spezzone di braccio Tramo intermedio pluma / Peça suplementar da lança		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	1	5,30	1,63	1,85	⑦ 400			
10	1	Ausleger-Kopfstück / Jib head Pointe de flèche / Punta freccia Tramo punta de pluma / Cabeça de lança		1,70	1,84	2,05	⑧ 300	
11	1	Laufkatze und Lasthaken / Trolley and hook Chariot de distribution et crochet / Carrello con gancio Carro y gancho / Carro de ponte e gancho		1,89	1,83	1,20	1150	
Turm		Tower / Mât / Torre Torre / Torre						
12	9	Turmstück / Tower section Élément de mât / Elemento di torre Tramo torre / Torre		256 HC	4,14	2,30	2,30	2300
11	355 HC			6,28	2,45	2,45	5050	
13	500 HC			6,28	2,45	2,45	6480	
13	1	Turmstück lang / Long tower section Élément 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	Grundturmstück / Base tower section Mât de base / Elemento di torre base Tramo base / Peça de base de torre		256 HC	8,85 (12,42)	2,30 (2,30)	2,30 (2,30)	4830 (7940)
	355 HC			12,08	2,45	2,45	10050	
Klettereinrichtung		Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru Equipo de trepado / Acesórios p. subida no edifício						
15	1	Führungsstück kpl., geteilt / 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	Hydraulikanlage, Stütz- und Klettertraverse / Hydraulic unit, supporting and climbing cross members / Système hydraulique avec traverses d'appui et de télescopage / Sistema idraulico, travessa di appoggio e allungamento gru / Sistema hidráulico con travessa de apoyo y trepado / Instalação hidráulica, travessa de apoio e subida		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	
Unterwagen		Undercarriage / Châssis / Carro della gru Carro con mástil / Carro de guindaste						
17	4	Ausgleichsschwinge mit Schwingenlager Pivot for wheel box / Chape pour bogie Bilanciere di equilibratura con cuscinetto bilanciere / Balancin / Balancim com suporte		355 HC	1,60	0,72	1,48	1390
	500 HC							
18	2	Fahrschemel mit Antrieb / Rail bogie with drive / Bogie moteur / Telaio con gruppo propulsore / Caja rodillo motriz Quadro sem grupo de propulsão		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	Fahrschemel ohne Antrieb / Rail bogie without drive / Bogie fou / Telaio senza gruppo propulsore / Caja rodillo conducido Quadro com grupo de propulsão		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	Tragholm lang / Long support arm Longeron long / Longherone lungo Brazo soporte largo / 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	Tragholm kurz / Short support arm Longeron court / Longherone corto Brazo soporte corto / 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. Qté. Qta. Cant. Cant.				L (m)	B (m)	H (m)	kg*
22	2 + 2	Randträger / 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
23	4	Stützholm / 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	Unterswagen-Turmstück / 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		Kleinteile, Seile und Abspannungen / 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 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 construçao!

Sämtliche Angaben erfolgen ohne Gewähr.

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