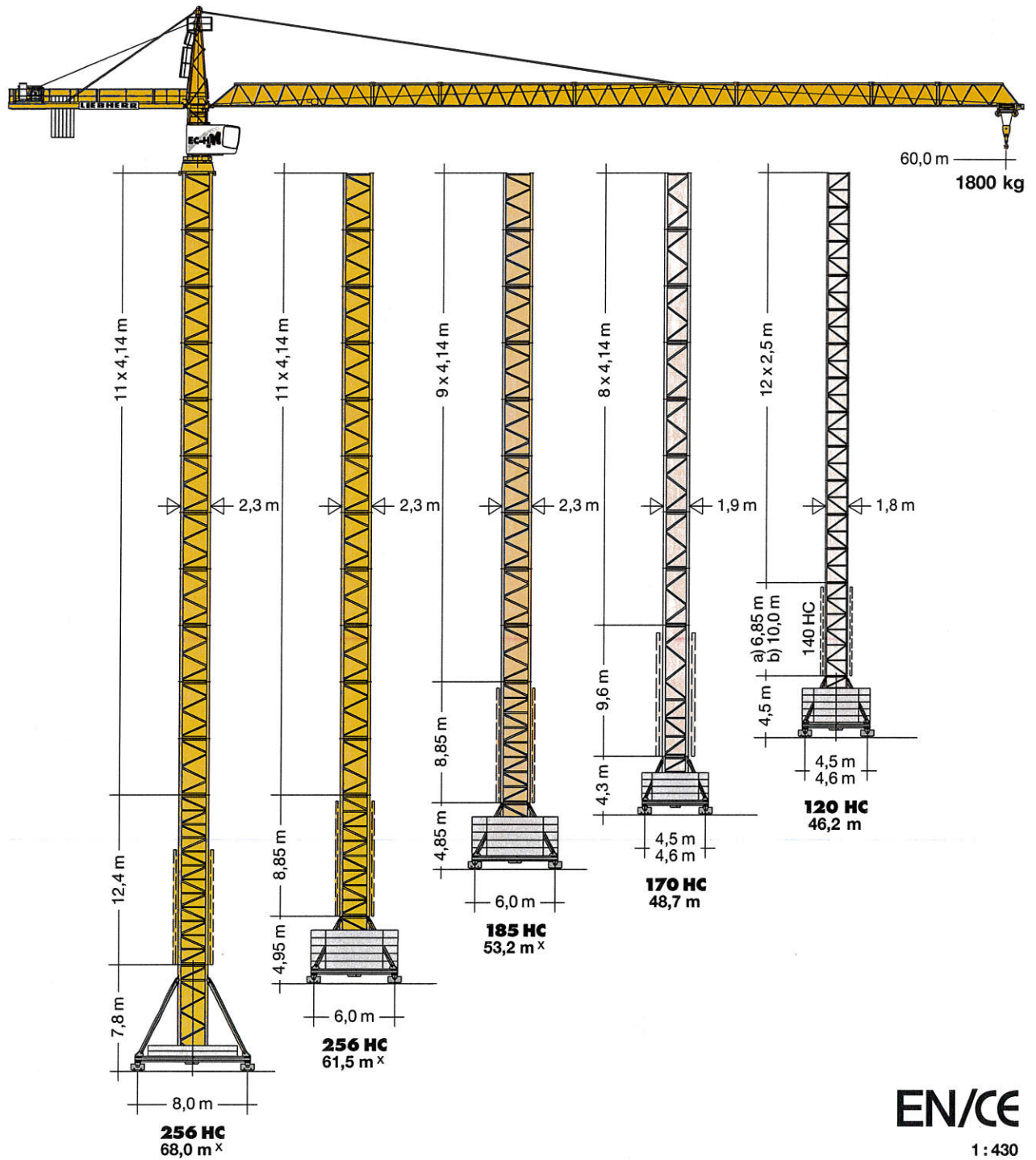


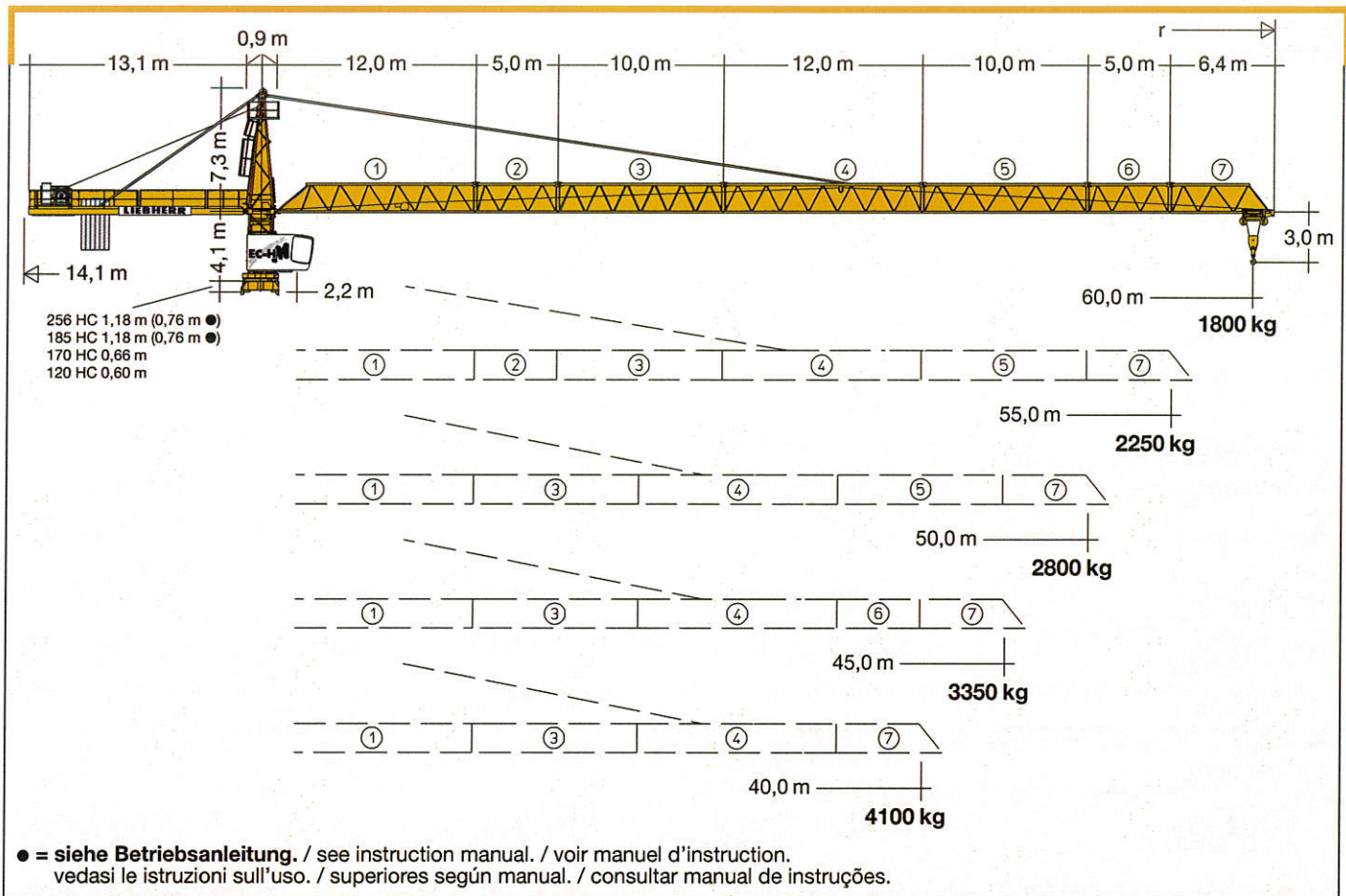
Turmdrehkran

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

154 EC-HM 6 FR.tronic®



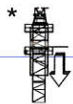
LIEBHERR



Hubhöhe

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

120 HC													
12	43,0* ^o	46,2* ^o	-	42,5* ^o	45,7* ^o	38,8* ^o	42,0* ^o	-	-	-	-	-	-
11	40,5*	43,7*	53,7** ^o	40,0*	43,2*	36,3*	39,5*	46,3* ^o	49,5* ^o	37,7*	-	37,5*	-
10	38,0	41,2	51,2*	37,5	40,7	33,8	37,0	43,8*	47,0*	35,2*	38,4*	35,0*	38,2*
9	35,5	38,7	48,7*	35,0	38,2	31,3	34,5	41,3	44,5	32,7	35,9*	32,5	35,7*
8	33,0	36,2	46,2	32,5	35,7	28,8	32,0	38,8	42,0	30,2	33,4	30,0	33,2
7	30,5	33,7	43,7	30,0	33,2	26,3	29,5	36,3	39,5	27,7	30,9	27,5	30,7
6	28,0	31,2	41,2	27,5	30,7	23,8	27,0	33,8	37,0	25,2	28,4	25,0	28,2
5	25,5	28,7	38,7	25,0	28,2	21,3	24,5	31,3	34,5	22,7	25,9	22,5	25,7
4	23,0	26,2	36,2	22,5	25,7	18,8	22,0	28,8	32,0	20,2	23,4	20,0	23,2
3	20,5	23,7	33,7	20,0	23,2	16,3	19,5	26,3	29,5	17,7	20,9	17,5	20,7
2	18,0	21,2	31,2	17,5	20,7	13,8	17,0	23,8	27,0	15,2	18,4	15,0	18,2
1	15,5	18,7	28,7	15,0	18,2	11,3	14,5	21,3	24,5	12,7	15,9	12,5	15,7
0	13,0	16,2	26,2	12,5	15,7	8,8	12,0	18,8	22,0	10,2	13,4	10,0	13,2
	m a)	b)		m a)	b)	m a)	b)	a)	b)	m a)	b)	m a)	b)



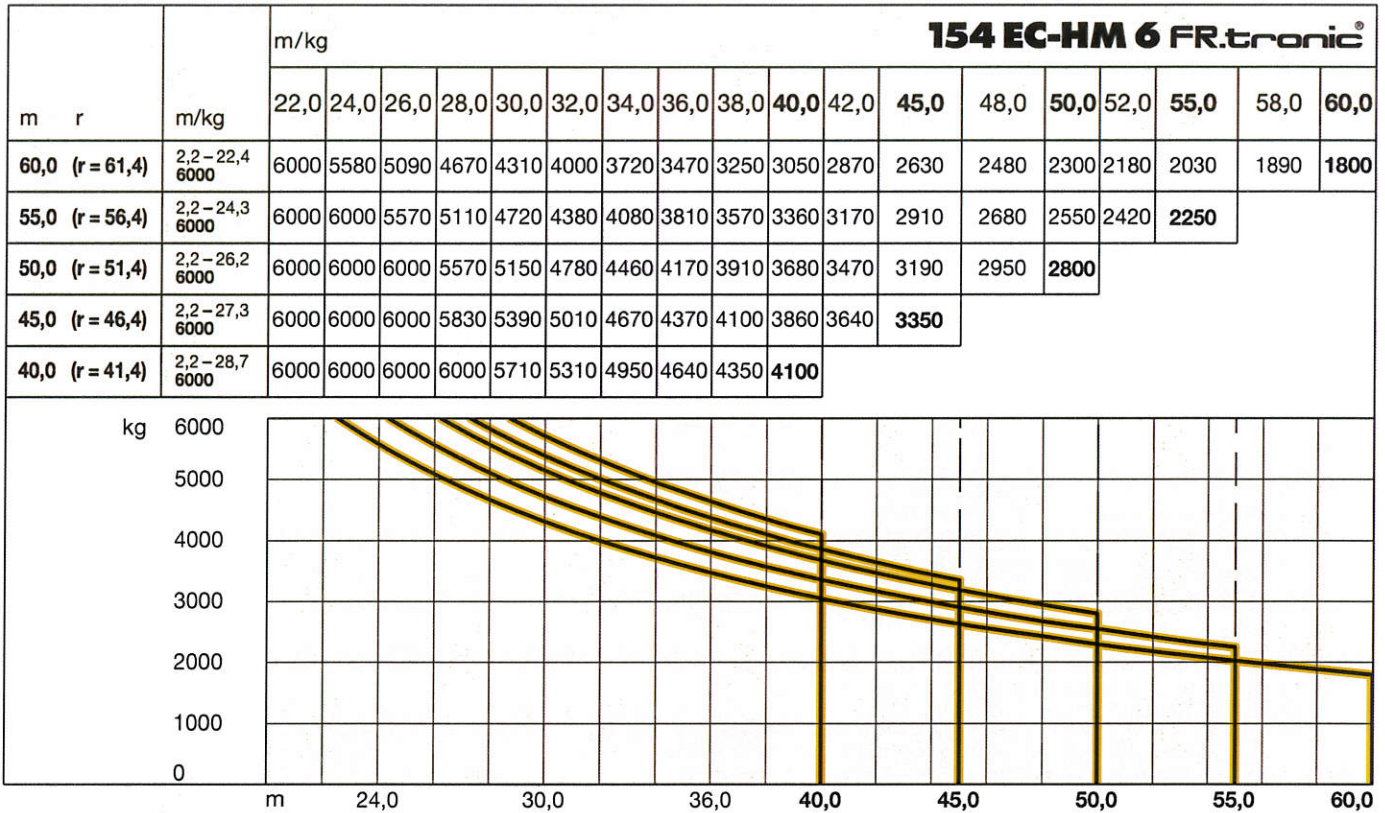
○ = Ohne Kabine
Without cabin
Sans cabine
Senza cabina
Sin cabina
Sem cabine

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.

Ausladung und Tragfähigkeit

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



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


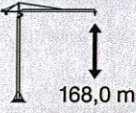
Additional hoist heights depending on wind zones on request


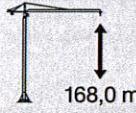
Hauteurs sous crochet supplémentaires dépendant des zones de vent sur demande

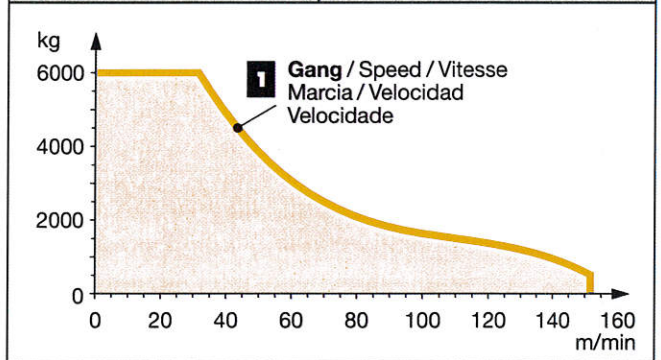
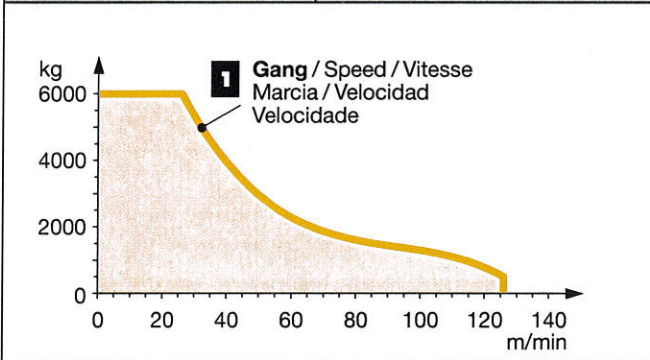
A richiesta, ulteriori altezze di sollevamento a seconda delle zone vento

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

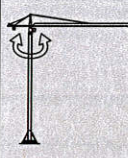
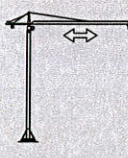
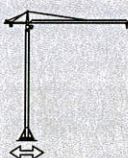

Para outras alturas de elevação em zonas de vento, conforme ao pedido

	↔ stufenlos / stepless / régl. continu regl. progressiva / sin escalones / sem degraus kg m/min
30 kW FU WIW 240 MZ 401 5 Lagen Layers Couches Strati Camadas Capas	
max. 292,0 m**	1 6000 0 ↔ 26 450 0 ↔ 126

	↔ stufenlos / stepless / régl. continu regl. progressiva / sin escalones / sem degraus kg m/min
37 kW FU WIW 250 MZ 401 5 Lagen Layers Couches Strati Camadas Capas	
max. 292,0 m**	1 6000 0 ↔ 32 550 0 ↔ 152

































** 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.

	0 ↔ U/min 0,8 sl./min tr./min	1 x 7,5 kW FU
	0 ↔ 100,0 m/min	5,5 kW FU
	25,0 m/min	2 x 4,0 kW (120 HC) 2 x 7,5 kW (256 HC) 2 x 5,5 kW (185 HC, 170 HC)
	kVA	30 kW FU 37 kW FU 42,0 47,0







Kranoberteil

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

Pos. Item	Anz. Qty.	Rep. Qta.	Voce Qta.	Pos. Cant.	Ref. Cant.		L (m)	B (m)	H (m)	kg*		
1	1		Drehbühne / Slewing platform					120 HC	5,20	2,30	2,27	6500
								170 HC	5,20	2,30	2,27	6700
								185 HC	6,00	2,74	2,27	6900
								256 HC	6,00	2,74	2,27	6900
2	1		Kabine / Cabin					4,05	1,80	2,34	1100	
3	1		Turmspitze / Tower head section					7,30	1,48	1,75	1870	
4	1		Hubwerkseinheit / Hoist gear unit / Treuil de levage					2,34	2,20	1,70	2500	
5	1		Gegenausleger / Counter-jib					13,11	2,42	0,57	3000	
6	1		Gegenausleger mit Hubwerkseinheit					13,11	2,42	2,20	7000	
7	1		Ausleger-Anlenkstück / Jib heel section					12,24	1,58	1,79	① 2050	
8	1		Ausleger-Zwischenstück / Intermediate jib section					12,30	1,25	1,70	④ 1640	
9	2		Ausleger-Zwischenstück / Intermediate jib section					10,30	1,25	1,70	③ 1130	
10	2		Ausleger-Zwischenstück / Intermediate jib section					5,25	1,25	1,68	⑤ 750	
11	1		Ausleger-Kopfstück / Jib head					6,51	1,43	1,88	② 630	
12	1		Laufkatze und Lasthaken / Trolley and hook					1,90	1,42	1,38	⑦ 580	
13	1		Drehbühne und Turmspitze / Slewing platform and tower head section					120 HC 12,30 170 HC 12,30 185 HC 12,70 256 HC 12,70	2,30 2,30 2,74 2,74	2,27 2,27 2,27 2,27	8400 8560 8870 8870	
14	1		Ausleger- und Gegenausleger-Abspannung / Jib and counter-jib suspension					8,20	0,55	0,12	1170	
			Tirantes de sost en pluma y contrapluma / Grupo de ancoragem de lança e contra-lança					5,87	0,20	0,16	380	





Turm

Tower / Mât / Torre Torre / Torre

15	13		Turmstück / Tower section					120 HC	2,50	1,80	1,80	1090
								170 HC	4,14	1,90	1,90	1850
								185 HC	4,14	2,30	2,30	2240
								256 HC	4,14	2,30	2,30	2300
16	7		Turmstück lang / Long tower section					120 HC	5,00	1,80	1,80	1830
								120 HC	10,00	1,80	1,80	3430
								120 HC	12,50	1,80	1,80	4200
17	1		Grundturmstück / Base tower section					140 HC	6,85	1,80	1,80	2930
								140 HC	10,00	1,80	1,80	3990
								140 HC	10,00	1,80	1,80	4000
								170 HC	9,60	1,90	1,90	4480
								185 HC	8,85	2,30	2,30	4280
								256 HC	8,85 (12,42)	2,30 (2,30)	2,30 (2,30)	4830 (7940)



Klettereinrichtung







Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru Equipo de trepado / Acesórios p. subida no edifício

18	1		Führungsstück kpl. / Guide section cpl.					120 HC	6,45	2,10	2,42	2660
								120 HC	9,60	2,10	2,42	4410
								170 HC	9,04	2,31	2,28	4750
								185 HC	8,39	2,68	2,58 (3,04)	5100
								256 HC	8,39	2,68	2,58 (3,04)	5100
19	1		Hydraulikanlage, Stütz- und Klettertraverse / Hydraulic unit, supporting and climbing cross members					120 HC	2,87	2,12	1,06	1050
								170 HC	2,00	1,10	1,00	1100
								185 HC	2,30	1,25	1,00	1150
								256 HC	2,30	1,25	1,00	1150

Unterwagen

Undercarriage / Châssis / Carro della gru Carro con mástil / Carro de guindaste

20	2		Fahrschemel mit Antrieb / Rail bogie with drive					120 HC	1,38	0,88	0,87	900
								170 HC	1,46	0,84	0,87	920
								185 HC	1,46	0,84	0,87	920
								256 HC	1,63 (1,46)	0,92 (0,84)	0,95 (0,87)	1690 (920)

Pos. Item Fieq Voce Pos. Ref.	Anz. Qty. Qta. Cant. Cant.				L (m)	B (m)	H (m)	kg*
21	2	Fahrschemel ohne Antrieb / Rail bogie without drive Bogie fou / Telaio senza gruppo propulsore Caja rodillo conducido / Quadro com grupo de propulsão		120 HC	1,17	0,60	0,87	860
				170 HC	1,15	0,60	0,87	880
				185 HC	1,15	0,60	0,87	880
				256 HC	1,37 (1,15)	0,62 (0,60)	0,95 (0,87)	1340 (880)
22	1	Tragholm lang / Long support arm Longeron long / Longherone lungo Braço largo soporte / Travessa comprida		120 HC	7,12	0,78	0,65	950
				170 HC	7,15	0,80	0,70	1070
				185 HC	9,10	0,82	0,74	1350
				256 HC	9,10 (11,95)	0,80 (0,82)	0,80 (0,80)	1650 (2200)
23	2	Tragholm kurz / Short support arm Longeron court / Longherone corto Braço corto soporte / Travessa curta		120 HC	3,45	0,56	0,55	408
				170 HC	3,45	0,60	0,70	500
				185 HC	4,41	0,62	0,71	615
				256 HC	4,45 (5,58)	0,77 (0,65)	0,77 (0,77)	800 (1035)
24	2+2	Randträger / Border support Traverse / Supporti base Traviesa / Apoio de bordo		120 HC	4,02	0,35	0,12	95
				170 HC	4,08 - 4,30	0,16 - 0,33	0,11 - 0,14	80 - 200
				185 HC	5,48 - 5,46	0,11 - 0,17	0,16 - 0,38	118 - 454
				256 HC	5,46 - 5,40 (7,52 - 7,46)	0,11 - 0,18 (0,10 - 0,17)	0,16 - 0,38 (0,10 - 0,38)	175 - 525 (366 - 912)
25	4	Stützholm / Support strut Hauban de châssis / Correnti di appoggio Tirante vertical / Travessa de apoio		120 HC	3,78	0,15	0,22	200
				170 HC	3,53	0,25	0,17	240
				185 HC	4,23	0,17	0,25	275
				256 HC	4,14 (6,55)	0,18 (0,22)	0,25 (0,25)	320 (600)
26	1	Unterswagen-Turmstück / Undercarriage tower section Mât de châssis / Elemento di torre del carro Tramo de carro / Peça de torre do chassis		120 HC	3,50	2,06	2,06	1320
				170 HC	3,30	2,15	2,15	2000
				185 HC	3,73	2,52	2,52	1950
				256 HC	3,73 (6,70)	2,62 (2,53)	2,62 (2,53)	2550 (3800)
27	1	Stapel Aufstiege und Podeste / Bundle of ladders and platforms Faisceau d'échelles et de plates-formes / Serie di scale e rampe Paquete de escaleras y plataformas / Escadas e patamares		120 HC	3,50	1,20	1,00	1000
28	1	Kiste mit Kleinteilen / Crate with small parts Caisse contenant des accessoires / Cassa con accessori Caja con accesorios / Caixa de acessórios			2,00	1,00	1,00	2000

() **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.

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