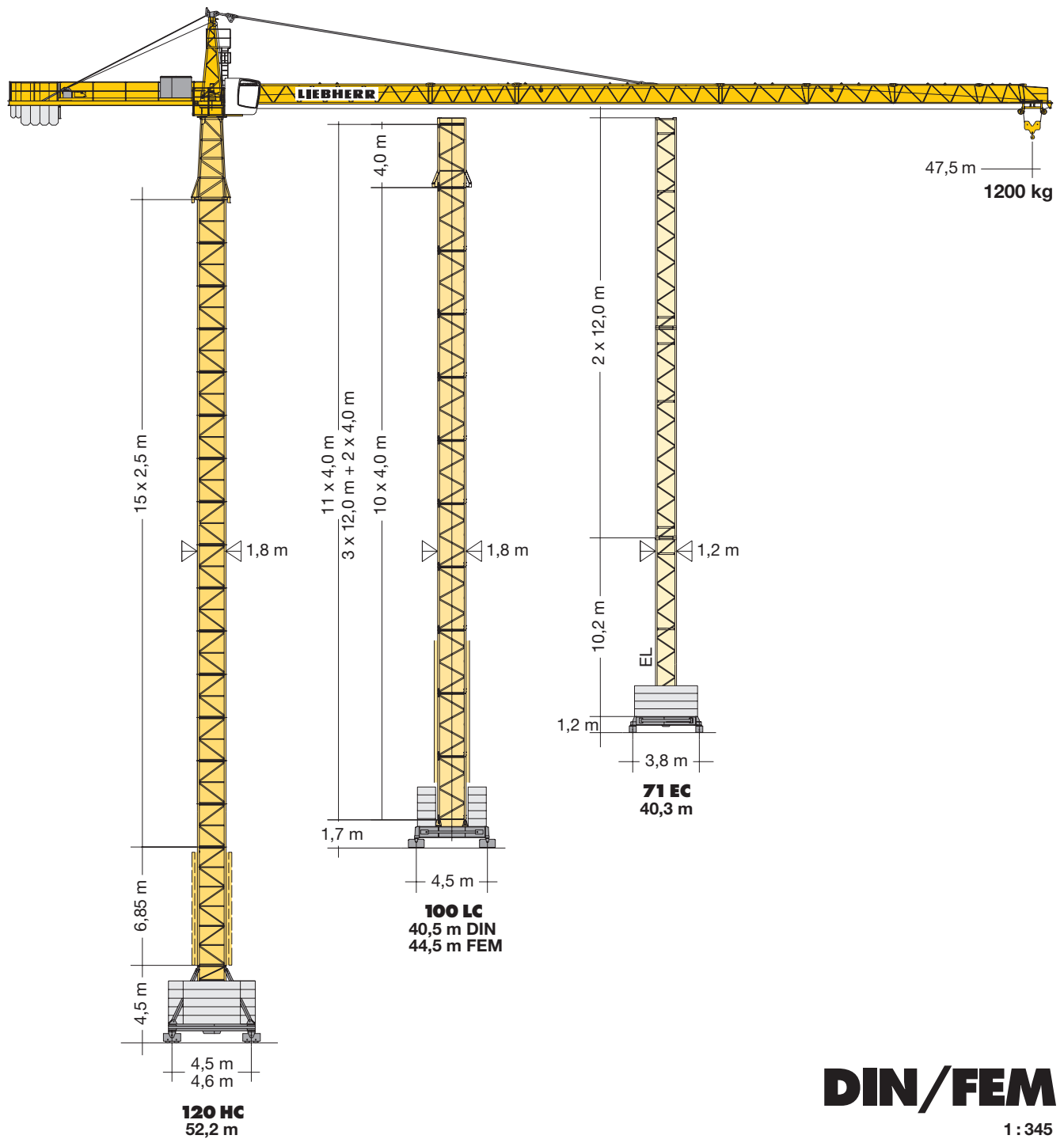


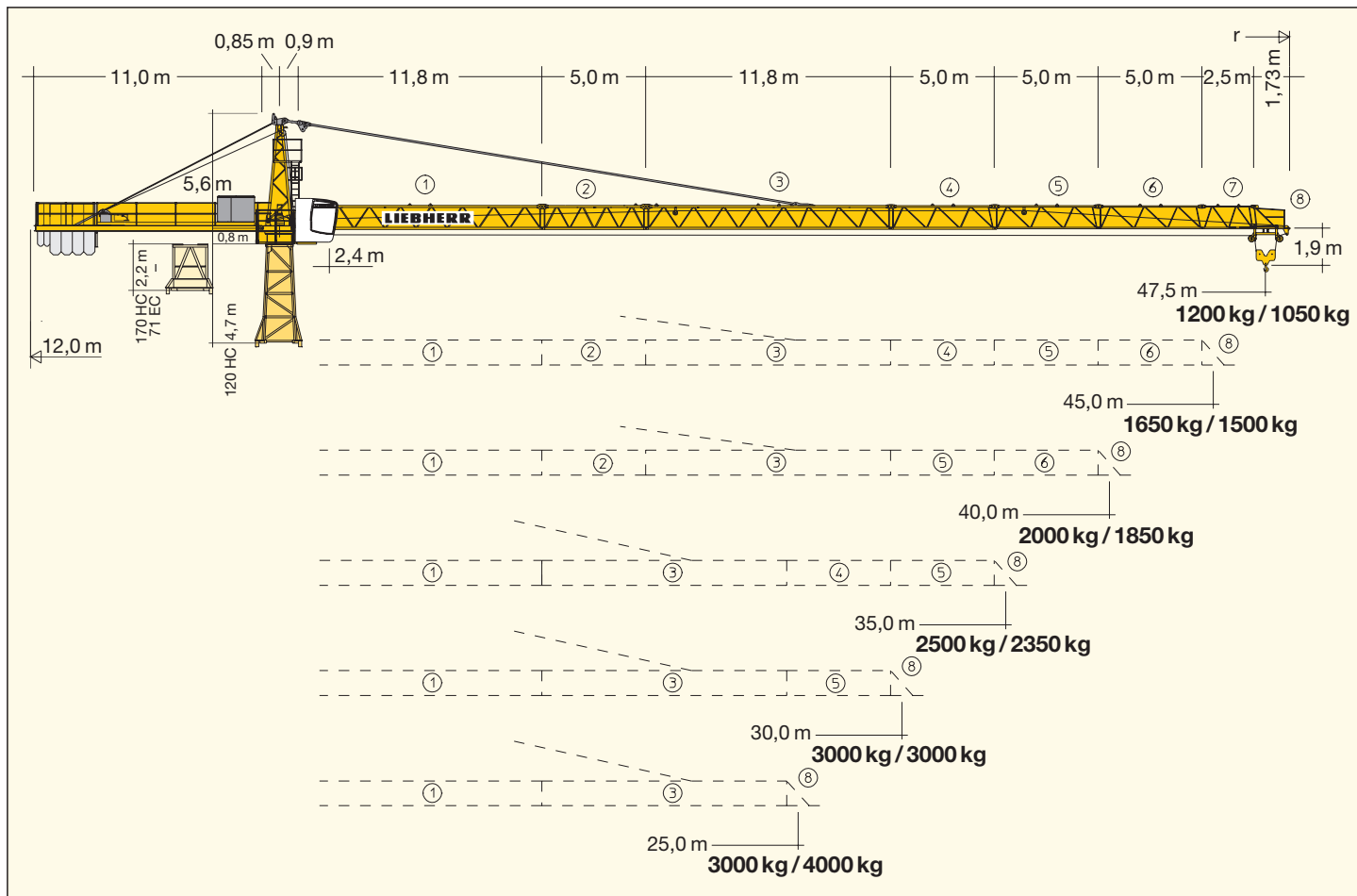
Turmdrehkran

80 EL 6

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



LIEBHERR



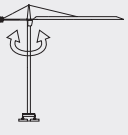
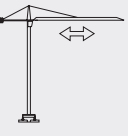
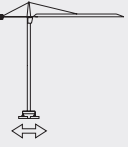

Hubhöhe


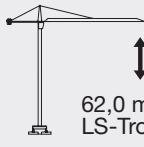



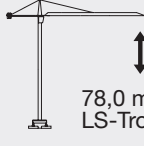








Hoisting height / Hauteur sous crochet / Altezza di sollevamento / Altura bajo gancho / Altura de montagem

	120 HC		100 LC	
15	48,1*	52,4*	-	-
14	45,6	49,9	-	-
13	43,1	47,4	-	-
12	40,6	44,9	-	-
11	38,1	42,4	44,5* FEM	44,4* FEM
10	35,6	39,9	40,5*	40,4*
9	33,1	37,4	36,5	36,4
8	30,6	34,9	32,5	32,4
7	28,1	32,4	28,5	28,4
6	25,6	29,9	24,5	24,4
5	23,1	27,4	20,5	20,4
4	20,6	24,9	16,5	16,4
3	18,1	22,4	12,5	12,4
2	15,6	19,9	8,5	8,4
1	13,1	17,4	4,5	4,4
0	10,6	14,9	-	-
	m	m	m	m

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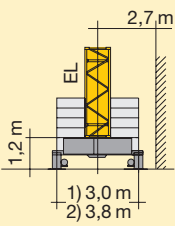
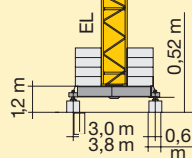
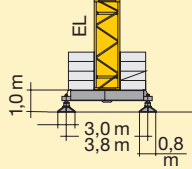
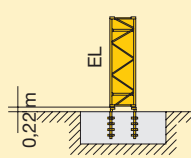
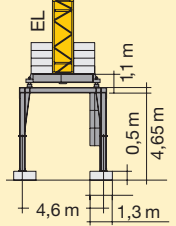
* Weitere Hubhöhen sowie Klettern im Gebäude auf Anfrage. / Further hoist heights and climbing in the building on request.
 Hauteurs sous crochet plus élevées et hissage dans le bâtiment sur demande. / Altre altezze di sollevamento come pure varianti di gru allungabili: su richiesta. / Para alturas bajo gancho superiores y trepado en el interior del edificio, consultar. / Outras alturas de elevação e subida no edifício: conforme ao pedido.

	U/min 0,75 sl./min tr./min	6,3 kW				
	12,0 / 43,0 / 85,0 m/min	3,0 kW				
	25,0 m/min	2 x 4,0 kW				
	kVA	<table border="1"> <tr> <td>22,0 kW</td> <td>22,0 kW FU</td> </tr> <tr> <td>40,0</td> <td>30,0</td> </tr> </table>	22,0 kW	22,0 kW FU	40,0	30,0
22,0 kW	22,0 kW FU					
40,0	30,0					

	Stufe / Step / Cran Marcia / Grado Velocidade		kg	m/min
22,0 / 18,0 / 4,0 kW KL WIW 220 KY 006				
4 Lagen Layers Couches Strati Camadas Capas	1		3000	7,2
	2		3000	30,0
	3		1500	70,0
62,0 m LS-Trommel				
22,0 kW FU WIW 230 KY 002				
5 Lagen Layers Couches Strati Camadas Capas	1		3000	3,6
	2		3000	36,0
	3		2400	44,0
	4		1500	70,0
78,0 m LS-Trommel				
	1		6000	1,8
	2		6000	18,0
	3		4800	22,0
	4		3100	35,0

Hubhöhe

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

		71 EC				
6 m	12 m					
10,2 m	10,2 m	2) 34,3	40,3	40,1	39,3	45,7
* + Grundturmstück						
5		-	30,1	29,9	29,1	34,9
4	2	1) 24,1	24,1	23,9	21,1	28,9
3		18,1	18,1	17,9	17,1	22,9
2	1	12,1	12,1	11,9	11,1	16,9
1		6,1	6,1	5,9	5,1	10,9
		m	m	m	m	m
Anzahl der Turmstücke Number of tower sections Nombre d'éléments de mât N. elementi di torre Cant. secciones de torre Núm. de peças de torre						

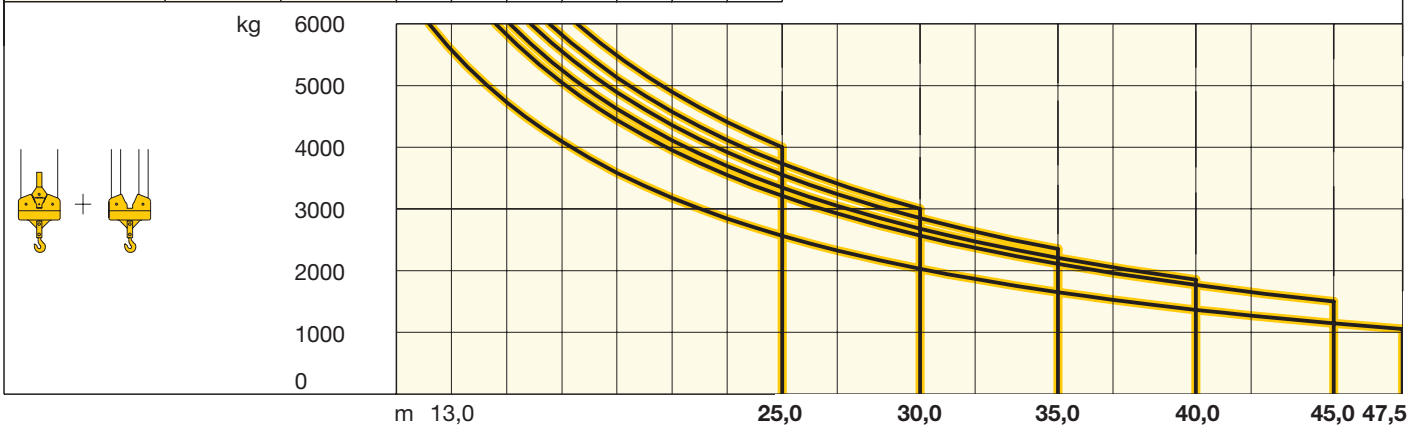
* Für die maximale Hakenhöhe ist das 10,2 m lange Grundturmstück erforderlich. / The 10,2 m long base tower section is necessary to achieve maximum hook height. / Pour obtenir la hauteur sous crochet maxi, il faut monter l'élément de mât de base d'une longueur de 10,2 m. / Per ottenere l'altezza max. di gancho, si deve montare la sezione di torre basi di lunghezza 10,2 m. / Para la altura máxima bajo gancho se necesita el tramo base de 10,2 m. / Para alcançar à altura max. do gancho, é necessário utilizar a peça de base de torre de comprimento 10,2 m.

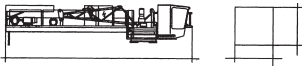




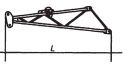
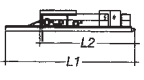
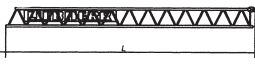
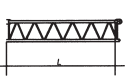
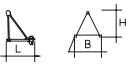
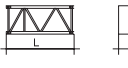
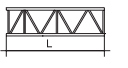
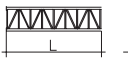
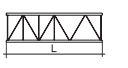
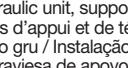
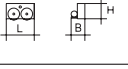
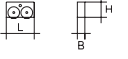
Ausladung und Tragfähigkeit

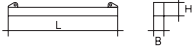


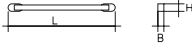

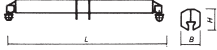
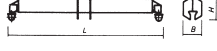
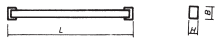
Radius and capacity / Portée et charge / Sbraccio e portata / Alcances y cargas / Alcance e capacidade de carga

m	r	m/kg	m/kg															
			13,0	15,0	17,0	19,0	21,0	23,0	25,0	27,0	30,0	32,0	35,0	37,0	40,0	42,0	45,0	47,5
47,5	(r = 49,0)	2,4-22,4 3000					3000	2910	2650	2420	2140	1980	1770	1660	1500	1410	1290	1200
45,0	(r = 46,5)	2,4-27,2 3000					3000	3000	3000	3000	2680	2490	2240	2100	1910	1800	1650	
40,0	(r = 41,5)	2,4-28,2 3000					3000	3000	3000	3000	2800	2600	2340	2200	2000			
35,0	(r = 36,5)	2,4-29,9 3000					3000	3000	3000	3000	2980	2770	2500					
30,0	(r = 31,5)	2,4-30,0 3000					3000	3000	3000	3000	3000							
25,0	(r = 26,5)	2,4-25,0 3000					3000	3000	3000									

m	r	m/kg	m/kg																
			13,0	15,0	17,0	19,0	21,0	23,0	25,0	27,0	30,0	32,0	35,0	37,0	40,0	42,0	45,0	47,5	
47,5	(r = 49,0)	2,4-21,5 3000	2,4-12,2 6000	5580	4730	4090	3580	3180	2840	2560	2330	2030	1860	1650	1530	1360	1270	1140	1050
45,0	(r = 46,5)	2,4-26,0 3000	2,4-14,6 6000	6000	5820	5050	4440	3950	3550	3210	2920	2570	2370	2110	1960	1770	1650	1500	
40,0	(r = 41,5)	2,4-27,1 3000	2,4-15,1 6000	6000	6000	5250	4620	4110	3700	3350	3050	2680	2470	2210	2050	1850			
35,0	(r = 36,5)	2,4-28,6 3000	2,4-15,9 6000	6000	6000	5550	4890	4360	3920	3550	3240	2850	2630	2350					
30,0	(r = 31,5)	2,4-30,0 3000	2,4-16,6 6000	6000	6000	5820	5130	4570	4120	2730	3410	3000							
25,0	(r = 26,5)	2,4-25,0 3000	2,4-17,6 6000	6000	6000	6000	5480	4890	4410	4000									



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 Ref.	Anz. Qty. Voce Qta. Cant. Cant.	Komplettkrankopf / One-piece machine deck / Tête de grue		120 HC	2,44	2,62	7700			
				12,80						
2	1	Kabine mit Podest / Cabin with platform / Cabine avec plate-forme		4,20	1,35	2,20	950			
3	1	Übergangsstück / Adapter section		120 HC	2,20	2,30	2540			
				170 HC				2,41	2,50	2750
				185 HC				2,41	2,70	3170
				256 HC				2,41	2,70	3170
4	1	Drehbühne kpl. / Slewing platform cpl.		2,05	1,75	2,45	2550			
4	1	Drehbühne kpl. / Slewing platform cpl.		2,05	1,75	2,45	2550			
5	1	Turmspitze + Teilabspannung / Tower head section + first suspension bars		5,30	1,40	1,70	1000			
6	1	Gegenausleger kpl. mit Ballastrahmen		L1 11,10	2,00	2,55	3450			
7	1	Ausleger-Anlenkstück + Teilabspannung		11,97	1,15	1,50	① 1600			
8	1	Ausleger-Zwischenstück + Abspannung		5,20	1,02	1,50	② 590			
				12,00			③ 1350			
				5,20			④ 350			
				5,20			⑤ 290			
				5,20			⑥ 220			
9	1	Ausleger-Kopfstück / Jib head		2,70	1,02	1,25	⑦ 120			
				1,80	1,02	1,40	⑧ 125			
Turm		Tower / Mât / Torre	Torre / Torre							
11		Turmstück / Tower section		71 EC	3,00	1,20	1080			
		Element de mât / Elemento di torre		120 HC	6,00	1,20	1480			
		Torre / Torre		120 HC	2,50	1,80	1090			
				120 HC	5,00	1,80	1830			
				170 HC	4,14	1,90	1850			
12		Turmstück lang / Long tower section		71 EC	12,00	1,20	2610			
		Elément de mât long / Elemento di torre, lungo / Tramo de torre largo / Peça de torre, comprida		120 HC	10,00	1,80	3425			
13	1	Grundturmstück / Base tower section		71 EC	4,20	1,20	1340			
				120 HC				6,85	1,80	2610
				120 HC				10,00	1,80	3530
				170 HC				9,60	1,90	4350
Klettereinrichtung		Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru	Equipo de trepado / Acesórios p. subida no edificio							
14	1	Führungsstück kpl. / Guide section cpl.		120 HC	6,45	2,10	2660			
				120 HC				9,60	2,10	4410
				170 HC				9,04	2,31	4750
15	1	Hydraulikanlage, Stütz- und Klettertraverse / Hydraulic unit, supporting and climbing cross members		120 HC	2,87	2,12	1800			
				170 HC				2,30	1,10	1100
Unterwagen		Undercarriage / Châssis / Carro della gru	Carro com mástil / Carro de guindaste							
16	2	Fahrschemel mit Antrieb / Rail bogie with drive		71 EC	0,75	0,55	307			
				120 HC				1,38	0,88	900
				170 HC				1,46	0,84	920
17	2	Fahrschemel ohne Antrieb / Rail bogie without drive		71 EC	0,65	0,30	222			
				120 HC				1,17	0,60	860
				170 HC				1,15	0,60	880

Pos. Item Rep. Voce Pos. Ref.	Anz. Qty. Qté. Qta. Cant. Cant.				L (m)	B (m)	H (m)	kg*
18	1	Tragholm lang / Long support arm Longeron long / Longherone lungo Braço largo soporte / Travessa comprida		120 HC 170 HC	7,12 7,15	0,75 0,80	0,65 0,70	950 1070
19	2	Tragholm kurz / Short support arm Longeron court / Longherone corto Braço corto soporte / Travessa curta		120 HC 170 HC	3,45 3,45	0,56 0,60	0,55 0,70	408 500
20	4 2 + 2	Randträger / Border support Traverse / Supporti base Traviesa / Apoio de bordo		120 HC 170 HC	4,02 4,08 - 4,30	0,35 0,16 - 0,33	0,12 0,11 - 0,14	95 80 - 200
21	4	Stützholm / Support strut Hauban de châssis / Correnti di appoggio Tirante vertical / Travessa de apoio		120 HC 170 HC	3,78 3,53	0,15 0,25	0,22 0,17	200 240
22	1	Unterwagen-Turmstück / Undercarriage tower section / Mât de châssis / Elemento di torre del carro / Tramo de carro Peça de torre do chassis		120 HC 170 HC	3,50 3,30	2,06 2,15	2,06 2,15	1320 2000
23	2	Fundamentkreuz mit Spindeln, Tragholm lang Cruciform base with outrigger jacks, long support arm / Châssis en croix avec vérins, longeron long Base incrociata con aste, longherone lungo Tramo largo base cruciforme, con husillos / Base cruciforme com árvores, travessa comprida		71 EC	3,8 m 5,80 3,0 m 4,70	0,60	0,80 0,80	1860 1625
24	2	Fundamentkreuz fahrbar, Tragholm lang Cruciform rail going, long support arm / Châssis en croix roulant, longeron long / Base incrociata mobile, longherone lungo / Braço soporte largo de base cruciforme para traslación sobre vía Base cruciforme móvel, travessa comprida		71 EC	3,8 m 5,60 3,0 m 4,50	0,60	0,90 0,90	1750 1510
25	4	Fundamentkreuz fahrbar, Randträger Cruciform rail going, border support / Châssis en croix roulant, traverse / Base incrociata mobile, traversa / Traviesa de base cruciforme Base cruciforme móvel, apoio de bordo (Fahrwerke wie Pos. 16 und 17) / (Travel gears as under item 16 and 17) / (Mécanismes de translation comme pos. 16 et 17) / (Gruppi propulsori marcia come da voce 16 e 17) / (Mecanismos de traslación como Pos. 16 y 17) / (Grupos de propulsão de marcha: igual a ref. 16 et 17)		71 EC	3,8 m 3,40 3,0 m 2,60	0,20 0,20	0,35 0,35	114 91
26	1	Kiste mit Kleinteilen / Crate with small parts Caisse contenant des accessoires / Cassa con accessori Caja con accesorios / Caixa de acessórios		120 HC 170 HC	2,00	1,00	1,00	2000

* 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 construação!
¡Sujeto a modificaciones!

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