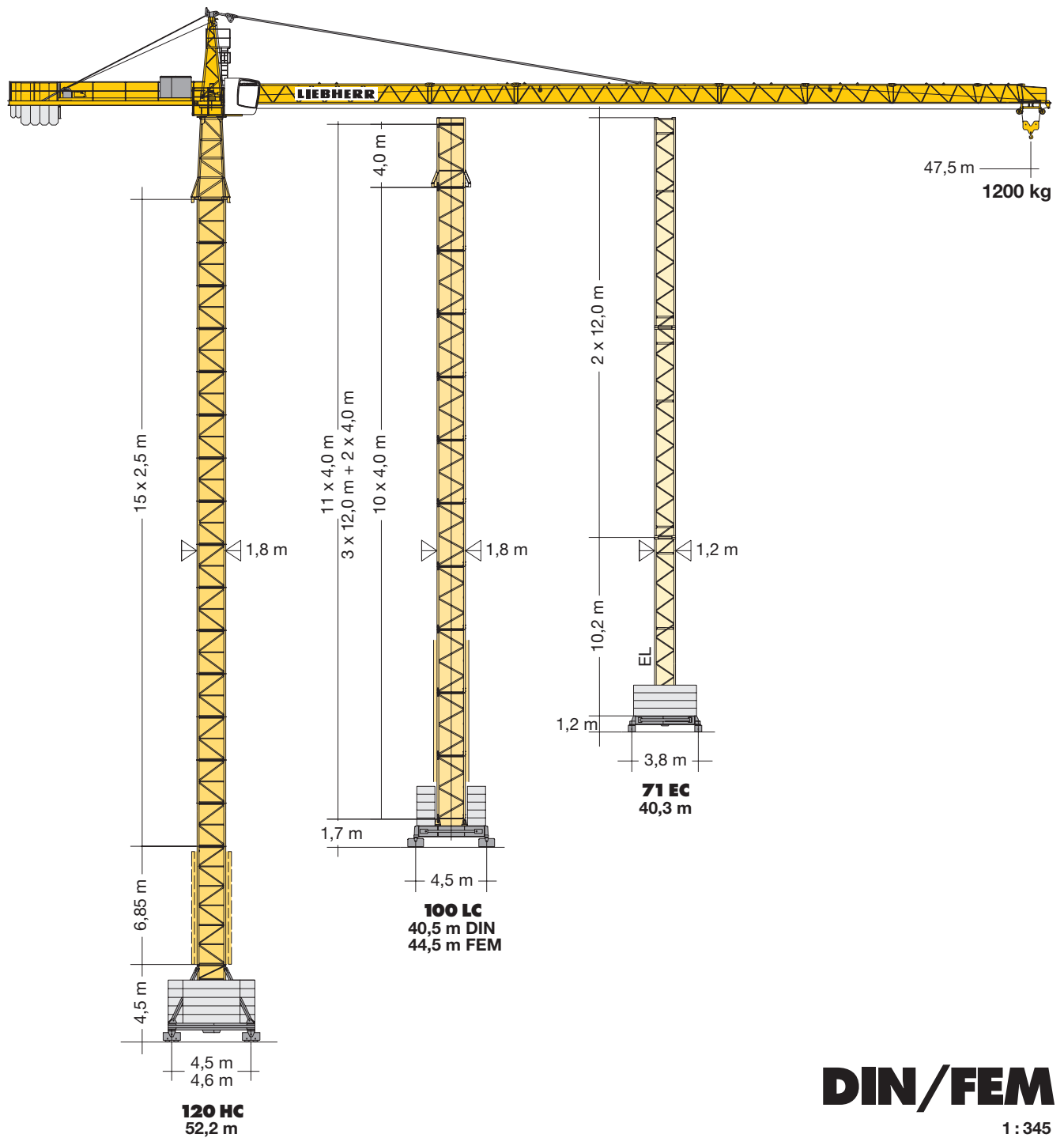


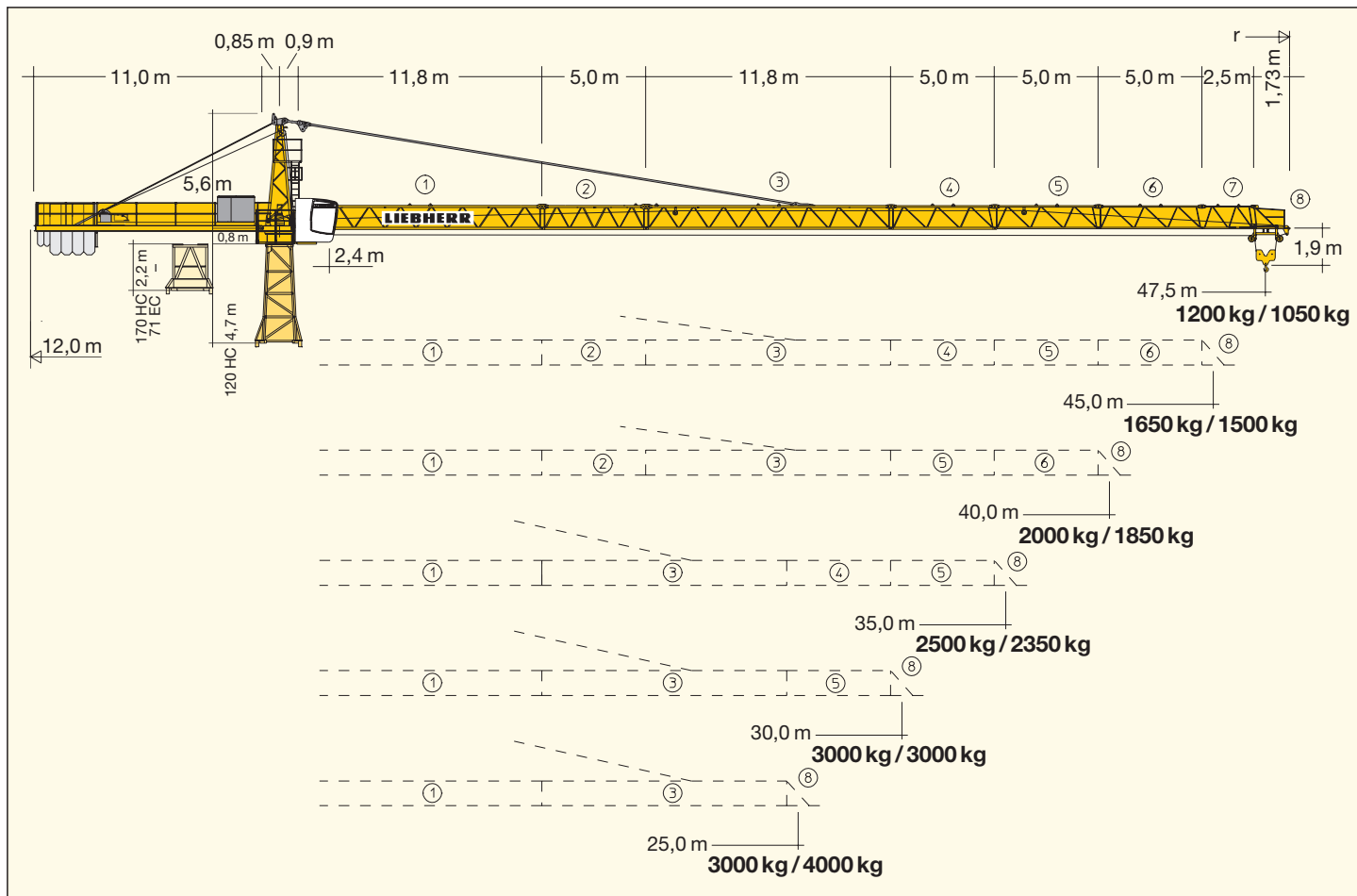
# Turmdrehkran

## 80 EL 6

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



# LIEBHERR



## Hubhöhe

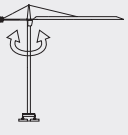
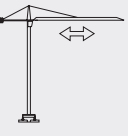
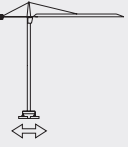

Hoisting height / Hauteur sous crochet / Altezza di sollevamento / Altura bajo gancho / Altura de montagem


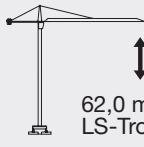



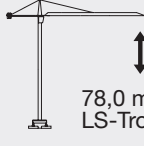








	120 HC		100 LC	
15	48,1*	52,4*	-	-
14	45,6	49,9	-	-
13	43,1	47,4	-	-
12	40,6	44,9	-	-
11	38,1	42,4	44,5* FEM	44,4* FEM
10	35,6	39,9	40,5*	40,4*
9	33,1	37,4	36,5	36,4
8	30,6	34,9	32,5	32,4
7	28,1	32,4	28,5	28,4
6	25,6	29,9	24,5	24,4
5	23,1	27,4	20,5	20,4
4	20,6	24,9	16,5	16,4
3	18,1	22,4	12,5	12,4
2	15,6	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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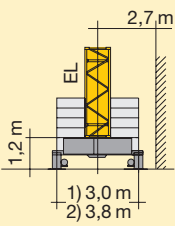
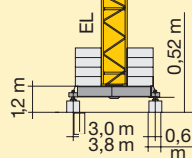
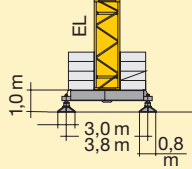
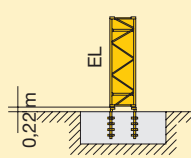
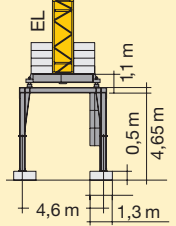
\* Weitere Hubhöhen sowie Klettern im Gebäude auf Anfrage. / Further hoist heights and climbing in the building on request.  
 Hauteurs sous crochet plus élevées et hissage dans le bâtiment sur demande. / Altre altezze di sollevamento come pure varianti di gru allungabili: su richiesta. / Para alturas 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				
	<b>kVA</b>	<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					

	<b>Stufe / Step / Cran</b> Marcia / Grado Velocidade		kg	m/min
22,0 / 18,0 / 4,0 kW KL WIW 220 KY 006				
4 <b>Lagen</b> 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 <b>Lagen</b> 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

		<b>71 EC</b>				
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
<b>Anzahl der Turmstücke</b> Number of tower sections Nombre d'éléments de mât N. elementi di torre Cant. secciones de torre Núm. de peças de torre						

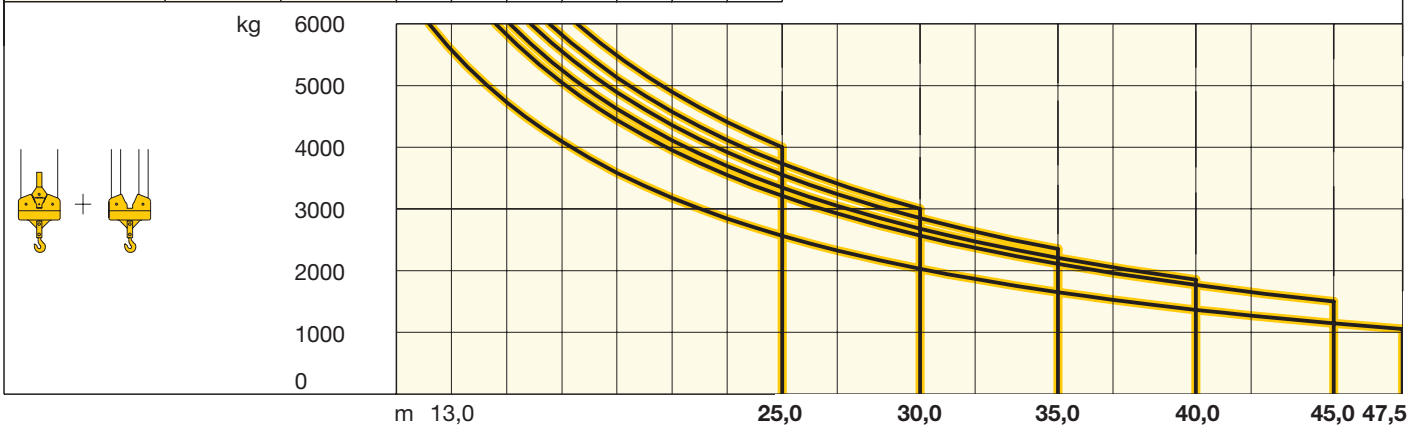
\* Für die maximale Hakenhöhe ist das 10,2 m lange Grundturmstück erforderlich. / The 10,2 m long base tower section is necessary to achieve maximum hook height. / Pour obtenir la hauteur sous crochet maxi, il faut monter l'élément de mât de base d'une longueur de 10,2 m. / Per ottenere l'altezza max. 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.

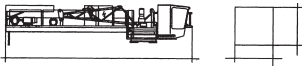




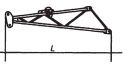
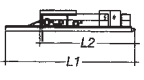
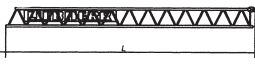
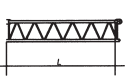
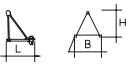
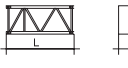
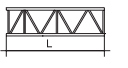
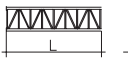
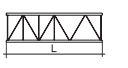
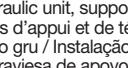
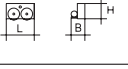
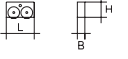
# Ausladung und Tragfähigkeit

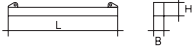


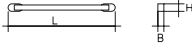

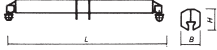
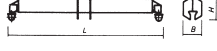
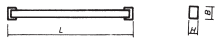
Radius and capacity / Portée et charge / Sbraccio e portata / Alcances y cargas / Alcance e capacidade de carga

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									



<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. Item Ref.	Anz. Qty. Voce Qta. Cant. Cant.									
1	1	<b>Komplettkrankopf</b> / One-piece machine deck / Tête de grue		120 HC	2,44	2,62	7700			
				12,80						
2	1	<b>Kabine mit Podest</b> / Cabin with platform / Cabine avec plate-forme		4,20	1,35	2,20	950			
3	1	<b>Übergangsstück</b> / 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	<b>Drehbühne kpl.</b> / Slewing platform cpl.		2,05	1,75	2,45	2550			
4	1	<b>Drehbühne kpl.</b> / Slewing platform cpl.		2,05	1,75	2,45	2550			
5	1	<b>Turmspitze + Teilabspannung</b> / Tower head section + first suspension bars		5,30	1,40	1,70	1000			
6	1	<b>Gegenausleger kpl. mit Ballastrahmen</b>		L1 11,10	2,00	2,55	3450			
7	1	<b>Ausleger-Anlenkstück + Teilabspannung</b>		11,97	1,15	1,50	① 1600			
8	1	<b>Ausleger-Zwischenstück + Abspannung</b>		5,20	1,02	1,50	② 590			
				12,00			1,02	③ 1350		
				5,20			1,02	④ 350		
				5,20			1,02	⑤ 290		
				5,20			1,02	⑥ 220		
9	1	<b>Ausleger-Kopfstück</b> / Jib head		2,70	1,02	1,25	⑦ 120			
				1,80			1,02	⑧ 125		
<b>Turm</b>		<b>Tower / Mât / Torre</b>								
11		<b>Turmstück</b> / Tower section		71 EC	1,20	1,20	1080			
				120 HC			6,00	1,20	1480	
				120 HC			2,50	1,80	1090	
				120 HC			5,00	1,80	1830	
				170 HC			4,14	1,90	1850	
12		<b>Turmstück lang</b> / Long tower section		71 EC	1,20	1,20	2610			
				120 HC			10,00	1,80	3425	
13	1	<b>Grundturmstück</b> / Base tower section		71 EC	1,20	1,20	1340			
				120 HC			4,20	1,80	2610	
				120 HC			6,85	1,80	3530	
				170 HC			10,00	1,80	4350	
<b>Klettereinrichtung</b>		<b>Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru</b>								
14	1	<b>Führungsstück kpl.</b> / Guide section cpl.		120 HC	2,10	2,42	2660			
				120 HC			6,45	2,10	4410	
				170 HC			9,04	2,31	4750	
15	1	<b>Hydraulikanlage, Stütz- und Klettertraverse</b>		120 HC	2,12	1,06	1800			
				170 HC			2,87	1,10	1100	
<b>Unterwagen</b>		<b>Undercarriage / Châssis / Carro della gru</b>								
16	2	<b>Fahrschemel mit Antrieb</b>		71 EC	0,55	0,55	307			
				120 HC			0,75	0,88	900	
				170 HC			1,38	0,84	920	
17	2	<b>Fahrschemel ohne Antrieb</b>		71 EC	0,30	0,55	222			
				120 HC			0,65	0,60	860	
				170 HC			1,17	0,60	880	

Pos. Item Rep. Voce Pos. Ref.	Anz. Qty. Qté. Qta. Cant. Cant.				L (m)	B (m)	H (m)	kg*
18	1	<b>Tragholm lang</b> / Long support arm Longeron long / Longherone lungo Brazo largo soporte / Travessa comprida		120 HC 170 HC	7,12 7,15	0,75 0,80	0,65 0,70	950 1070
19	2	<b>Tragholm kurz</b> / Short support arm Longeron court / Longherone corto Brazo 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	<b>Randträger</b> / 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	<b>Stützholm</b> / 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	<b>Untewagen-Turmstück</b> / 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	<b>Fundamentkreuz mit Spindeln, Tragholm lang</b> 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	<b>Fundamentkreuz fahrbar, Tragholm lang</b> Cruciform rail going, long support arm / Châssis en croix roulant, longeron long / Base incrociata mobile, longherone lungo / Brazo 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	<b>Fundamentkreuz fahrbar, Randträger</b> Cruciform rail going, border support / Châssis en croix roulant, traverse / Base incrociata mobile, traviesa / Traviesa de base cruciforme Base cruciforme móvel, apoio de bordo <b>(Fahrwerke wie Pos. 16 und 17)</b> / (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	<b>Kiste mit Kleinteilen</b> / 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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