

Turmdrehkran

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

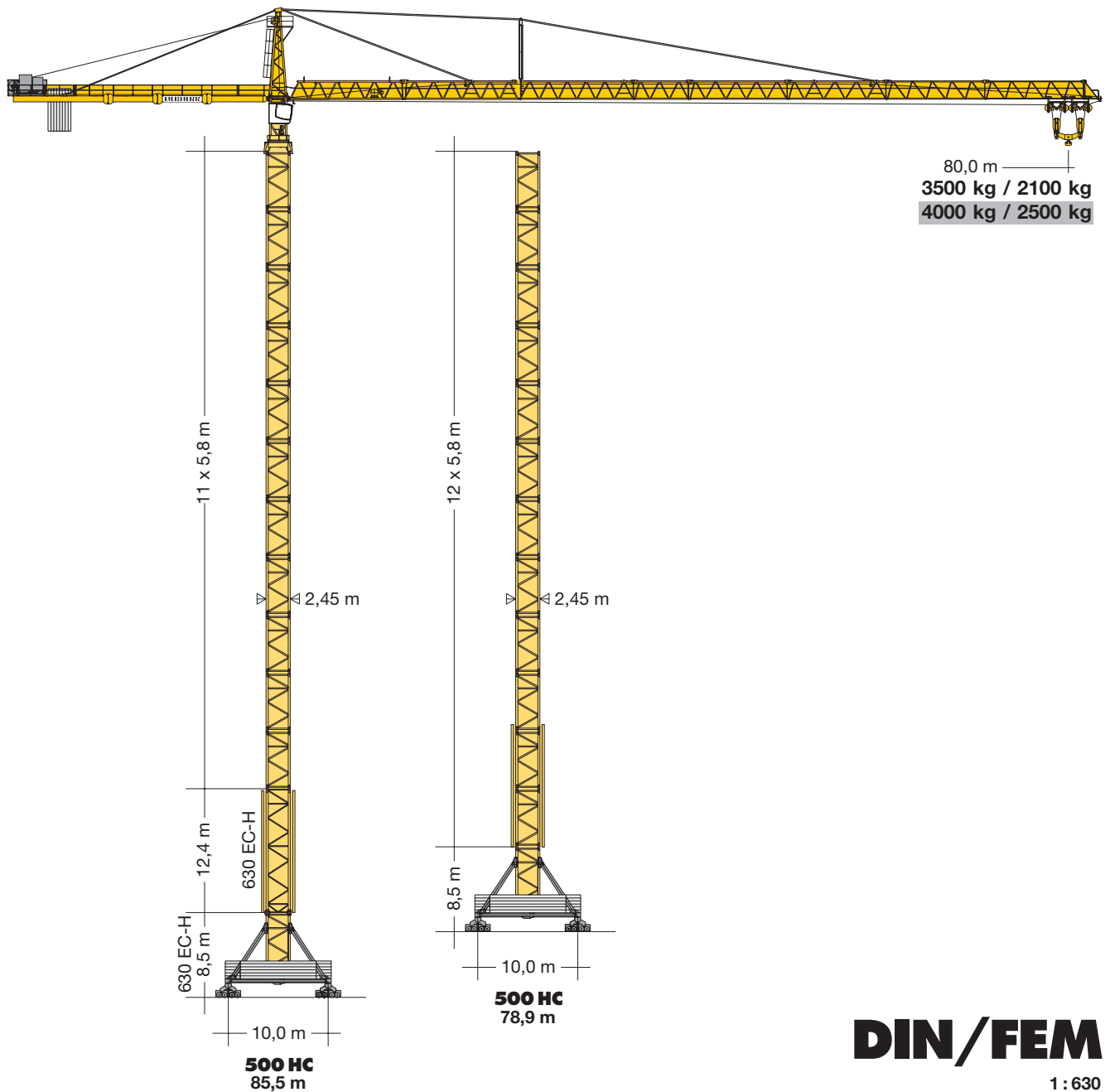
550 EC-H 40

550 EC-H 40 Litronic®

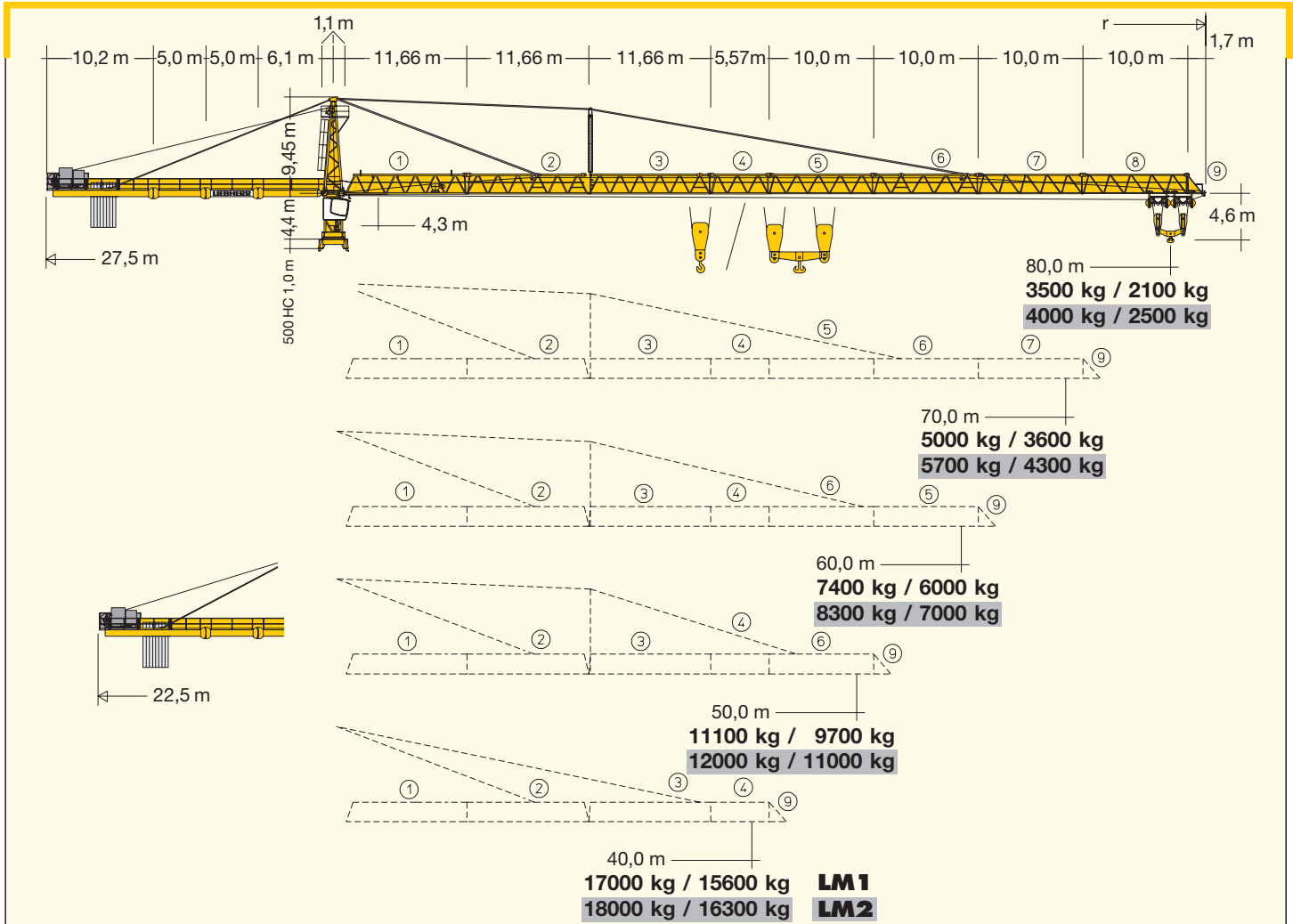
550 EC-H 12
550 EC-H 12 Litronic®

550 EC-H 20
550 EC-H 20 Litronic®

550 EC-H 40
550 EC-H 40 Litronic®



LIEBHERR



Hubhöhe

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

500 HC				
13	76,4*	-	-	-
12	70,8*	78,9*	83,1*	-
11	65,0	73,1	77,3*	85,5*
10	59,2	67,3	71,5	79,9*
9	53,4	61,5	65,7	73,9
8	47,6	55,7	59,9	68,1
7	41,8	49,9	54,1	62,3
6	36,0	44,1	48,3	56,5
5	30,2	38,3	42,5	50,7
4	24,4	32,5	36,7	44,9
3	18,6	26,7	30,9	39,1
2	12,8	20,9	25,1	33,3
1	7,0	15,1	19,3	27,5
0	-	-	13,5	21,7
	m		m	

* 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.

Ausladung und Tragfähigkeit

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

		550 EC-H 40															
m	r	m/kg	m/kg														
			15,0	20,0	25,0	30,0	35,0	41,5	45,0	51,5	55,0	61,5	65,0	71,5	75,0	81,5	
81,5 (r=83,7)	5,7-19,8 20000		20000	19760	15340	12590	10580	8680	7870	6650	6110	5270	4880	4260	3970	3500	
71,5 (r=73,7)	5,7-22,0 20000		20000	20000	17370	14290	12060	9930	9020	7670	7060	6120	5690	5000			
61,5 (r=63,7)	5,7-25,5 20000		20000	20000	20000	16840	14260	11800	10760	9180	8490	7400					
51,5 (r=53,7)	5,7-30,1 20000		20000	20000	20000	20000	17040	14160	12940	11100							
41,5 (r=43,7)	5,7-35,6 20000		20000	20000	20000	20000	20000	17000									

		LM 1															
m	r	m/kg	m/kg														
			15,0	20,0	25,0	30,0	35,0	40,0	45,0	50,0	55,0	60,0	65,0	70,0	75,0	80,0	
80,0 (r=83,7)	4,3-11,1 40000		27800	19550	14740	11750	9590	7950	6670	5630	4780	4070	3470	2950	2500	2100	
70,0 (r=73,7)	4,3-12,0 40000		30810	21770	16510	13240	10870	9080	7670	6540	5610	4830	4170	3600			
60,0 (r=63,7)	4,3-13,5 40000		35440	25200	19230	15530	12850	10470	9220	7940	6880	6000					
50,0 (r=53,7)	4,3-15,4 40000		40000	29520	22670	18420	15340	13000	11170	9700							
40,0 (r=43,7)	4,3-17,6 40000		40000	34630	26740	21840	18290	15600									

Antriebe

Driving units / Mécanismes d'entraînement / Azionamenti / Mecanismos / Mecanismos


	0 ↔ 0,6 sl./min tr./min	3 x 7,5 kW
	0 ↔ 68,0 m/min	11,0 kW FU
	25,0 m/min	4 x 7,5 kW
	kVA	65 kW FU 90 kW FU 110 kW FU 102,0 127,0 152,0


	↔ stufenlos / stepless / régl. continu regl. progressiva / sin escalones / sem degraus	kg m/min kg m/min
	65,0 kW FU WIW 280 VZ 402	
	6 Lagen Layers Couches Strati Camadas Capas	
	237,0 m / 118,0 m	
	1 20000 0 ↔ 16 40000 0 ↔ 8 3900 0 ↔ 58 8200 0 ↔ 29	
	2 11200 0 ↔ 28 22000 0 ↔ 14 1250 0 ↔ 102 3800 0 ↔ 51	
	1 Gang / Speed / Vitesse Marcia / Velocidad Velocidade	
	2 Gang / Speed / Vitesse Marcia / Velocidad Velocidade	

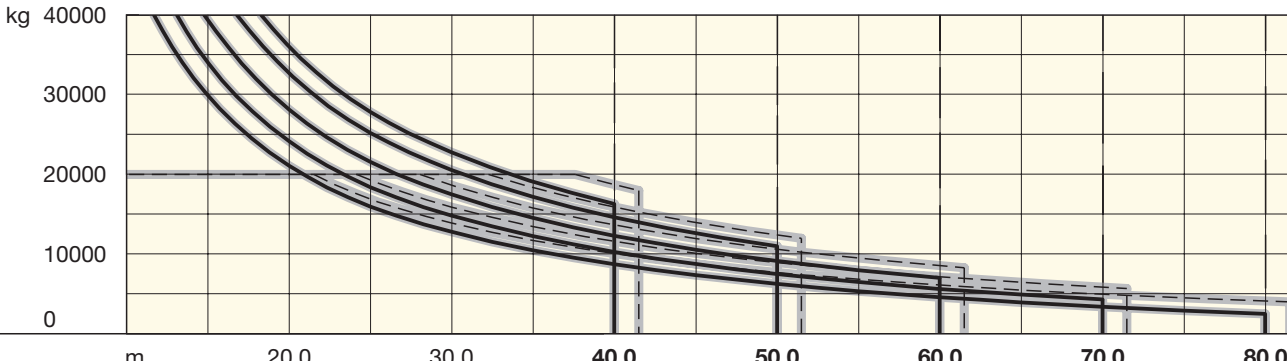
Elmag-Hubwerke: siehe Broschüre „Zusätzliche Hubwerksvarianten“ / Hoist gears: see brochure „Additional hoist gear variants“
 Mécanismes de levage: voir brochure „Variantes supplémentaires du mécanisme de levage“ / Argani ad innesto elettromagnetico: vedere
 prospetto „argani alternativi“ / Mecanismos de elevación de Elmag: Ver folleto „Mecanismos de elevación adicionales“ / Mecanismos de
 elevacao de ELMAG: Ver Folheto „Mecanismos de elevação adicionais“

Ausladung und Tragfähigkeit

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

 m r		550 EC-H 40 Litronic®													
		m/kg													
81,5 (r=83,7)	5,7-21,5 20000	15,0	20,0	25,0	30,0	35,0	41,5	45,0	51,5	55,0	61,5	65,0	71,5	75,0	81,5
71,5 (r=73,7)	5,7-24,2 20000	20000	20000	19290	15910	13450	11110	10120	8630	7970	6930	6460	5700		
61,5 (r=63,7)	5,7-28,1 20000	20000	20000	20000	18640	15810	13110	11970	10250	9490	8300				
51,5 (r=53,7)	5,7-32,3 20000	20000	20000	20000	20000	18350	15270	13960	12000						
41,5 (r=43,7)	5,7-37,6 20000	20000	20000	20000	20000	20000	18000								

 m r		m/kg													
		m/kg													
80,0 (r=83,7)	4,3-11,7 40000	15,0	20,0	25,0	30,0	35,0	40,0	45,0	50,0	55,0	60,0	65,0	70,0	75,0	80,0
70,0 (r=73,7)	4,3-13,1 40000	29900	21100	15970	12790	10490	8740	7370	6270	5360	4600	3960	3400	2920	2500
60,0 (r=63,7)	4,3-14,8 40000	34030	24160	18400	14830	12250	10290	8750	7510	6500	5640	4920	4300		
50,0 (r=53,7)	4,3-16,8 40000	39410	28130	21560	17490	14540	12300	10550	9130	7970	7000				
40,0 (r=43,7)	4,3-18,3 40000	40000	32710	25210	20550	17180	14620	12600	11000						

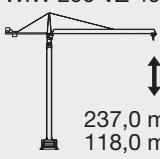


LM2

Antriebe

Driving units / Mécanismes d'entraînement / Azionamenti / Mecanismos / Mecanismos

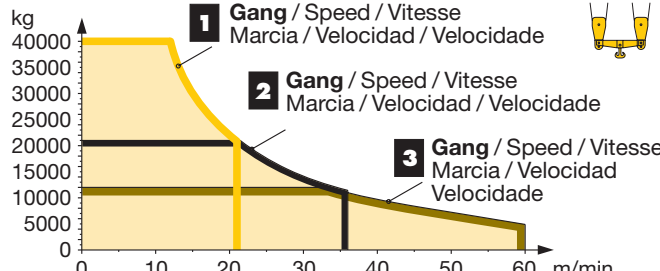
90,0 kW FU
WIW 290 VZ 402



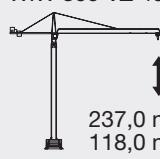
6 **Lagen**
Layers
Couches
Strati
Camadas
Capas

237,0 m /
118,0 m

↔ stufenlos / stepless / régl. continu regl. progressiva / sin escalones / sem degraus			
kg	m/min	kg	m/min
20000	0 ↔ 24	40000	0 ↔ 12
9000	0 ↔ 41	18000	0 ↔ 21
10600	0 ↔ 41	21000	0 ↔ 20
4600	0 ↔ 71	9600	0 ↔ 36
5800	0 ↔ 68	12000	0 ↔ 34
2000	0 ↔ 120	4900	0 ↔ 60



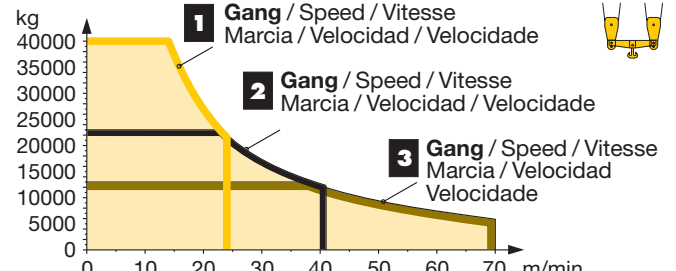
110,0 kW FU
WIW 300 VZ 401



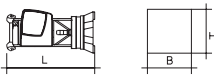
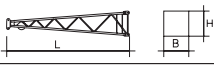
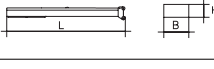
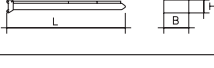

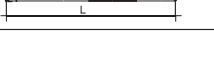
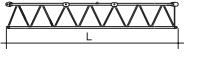
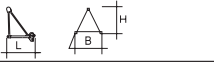
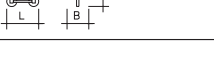
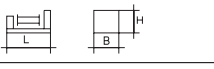
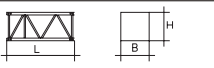

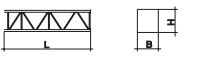
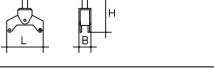
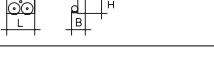

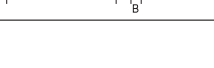
6 **Lagen**
Layers
Couches
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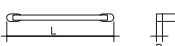

237,0 m /
118,0 m

↔ stufenlos / stepless / régl. continu regl. progressiva / sin escalones / sem degraus			
kg	m/min	kg	m/min
20000	0 ↔ 27	40000	0 ↔ 14
9800	0 ↔ 48	19500	0 ↔ 24
11500	0 ↔ 46	23000	0 ↔ 23
5100	0 ↔ 81	10500	0 ↔ 41
6400	0 ↔ 77	13000	0 ↔ 38
2200	0 ↔ 140	5400	0 ↔ 70



LM 2 Abweichende Geschwindigkeiten und Betriebsbedingungen. / Variant speeds and service conditions. / Vitesses et conditions de fonctionnement différentes. / Differenti velocità e condizioni di funzionamento. / Otras velocidades y características de funcionamiento. / Outras velocidades e características de funcionamento.

Kranoberteil		Upper part of crane / Partie supérieure de grue / Parte superiore della gru							
Pos. Item	Anz. Qty.			L (m)	B (m)	H (m)			kg*
1	1	Drehbühne kpl. / Slewing platform cpl. Ensemble mât-cabine cpl. / Piattaforma girevole compl. / Conjunto plataforma de giro / Plataforma giratória compl.		6,82	2,90	3,25			17000
2	1	Turmspitze / Tower head Porte-flèche / Cuspide / Cabeza de torre Cabeça de apoio de lança		9,40	1,78	1,91			5080
3	1	Gegenausleger-Kopfstück / Counter-jib head Pointe de contre-flèche / Testa di controbraccio Tramo punta de contrapluma / Cabeça de contra-lança		10,30	2,42	1,05			4630
4	1	Gegenausleger-Anlenkstück / Counter-jib heel section Pied de contre-flèche / Settore articolato di controbraccio / Tramo primero-contrapluma Base articulada da contra-lança		6,34	1,93	1,05			2700
5	2	Gegenausleger-Zwischenstück / Intermediate counter-jib section / Élément interm. de contre-flèche Spezzone di controbraccio / Tramo intermedio de contrapluma / Peça suplementar da contra-lança		5,20	1,86	1,05			2305
6	1	Ausleger-Anlenkstück + KAW / Jib heel section Pied de flèche / Settore articolato di braccio Base articulada de lança / Pluma tramo primero		12,03	1,74	2,30		①	5500
7	1	Ausleger-Zwischenstück / Intermediate jib section Élément intermédiaire de flèche / Spezzone di braccio Peça suplementar da lança / Tramo intermedio pluma		12,02	1,74	1,98		②	3280
1	12,02			1,74	1,96		③	2570	
1	6,00			1,74	1,96		④	1250	
2	10,40			1,74	1,96		⑤+⑥	1850	
1	10,40			1,74	1,96		⑦	1545	
1	1	10,40	1,74	1,96		⑧	1140		
8	1	Ausleger-Kopfstück / Jib head Pointe de flèche / Punta freccia Cabeça de lança / Tramo punta de pluma		1,86	1,74	1,96		⑨	340
9	2	Laufkatze / Trolley Chariot de distribution / Carrello Carrito / Carro de ponte		2,40 2,40	2,14 2,14	1,40 1,40			750 870
10	1	Lasthaken und Traverse / Hook and cross members Crochet et traverses / Gancio e traversa Gancho y tavessa / Gancho e traviesa		4,20	1,50	0,50			2220
11	1	Hubwerkseinheit (65 kW) FU / Hoist gear unit / Treuil de levage / Gruppo meccanismo sollevamento / Mecanismo de elevación / Grupo de mecanismo elevatório		2,30	3,00	2,14			5000
12	1	Ausleger-Abspannbock / Jib gantry Chevalet de haubange de flèche / Tirante braccio Cabalete de pluma / Cavalete de lança		6,13	0,40	1,31			650
Turm		Tower / Mât / Torre							
13	13	Turmstück / Tower section Élément de mât / Elemento di torre Torre / Torre		500 HC 6,28	2,45	2,45			6500
14	1	Grundturmstück / Base tower section Mât de base / Elemento di torre base Tramo torre base / Peça de base de torre		630 EC-H 12,42	2,67	2,67			14100
Klettereinrichtung		Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru							
		Equipo de trepado / Acesórios p. subida no edificio							
15	1	Führungsstück kpl., geteilt / Guide section cpl., split Cage télescopique cpl., divisée / Gabbia de sopraele vazione compl., suddivisa / Torre de montaje, dividida Peça de guia, subdividida		500 HC 12,39	2,75	1,58			9070
16	1	Hydraulikanlage, Stütz- und Klettertraverse / 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		500 HC 2,10	1,10	1,00			1100
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		500 HC 630 EC-H 1,60 1,60	0,72 0,72	1,48 1,48			1470 1470
18	4	Fahrschemel mit Antrieb / Rail bogie with drive Bogie moteur / Telaio con gruppo propulsore Quadro sem grupo de propulsão / Caja rodillo motriz		500 HC 630 EC-H 1,45 1,45	0,82 0,82	0,72 0,72			1110 1110
19	4	Fahrschemel ohne Antrieb / Rail bogie without drive / Bogie fou / Telaio senza gruppo propulsore / Quadro com grupo de propulsão Caja rodillo conducido		500 HC 630 EC-H 1,30 1,30	0,40 0,40	0,72 0,72			760 760
20	1	Tragholm lang / Long support arm Longeron long / Longherone lungo Brazo largo soporte / Travessa comprida		500 HC 630 EC-H 7,32 7,32	0,92 0,92	0,93 0,93			2330 2330

Pos. Item Rep. Voce Pos. Ref.	Anz. Qty. Qte. Qta. Cant. Cant.				L (m)	B (m)	H (m)	kg*
21	2	Tragholm kurz / Short support arm Longeron court / Longherone corto Bravo corto soporte / Travessa curta		500 HC 630 EC-H	7,14 7,14	0,80 0,80	0,90 0,90	2135 2135
22	4	Randträger / Border support Traverse / Supporti base Traviesa / Apoio de bordo		500 HC 630 EC-H	9,30 9,30	0,14 0,14	0,14 0,14	510 510
23	4	Stützholm / Support strut Hauban de châssis / Correnti di appoggio Tirante vertical / Travessa de apoio		500 HC 630 EC-H	6,98 6,98	0,26 0,26	0,34 0,34	1140 1300
24	1	Untewagen-Turmstück / Undercarriage tower section / Mât de châssis / Elemento di torre del carro / Tramo de carro / Peça de torre do chassis		500 HC 630 EC-H	6,61 6,61	2,44 2,67	2,44 2,67	7930 9400
25	1	Kiste mit Kleinteilen, Seilen / Crate with small parts, ropes Caisse contenant des accessoires, câbles / Cassa con minuteria, funi Caja con piezas pequeñas, cables / Caixa com peças pequenas, cabos		550 EC-H	2,00	1,00	1,00	2000
26	1	Abspannungen / Holding bars Tirants / Attrezzi di ancoraggio Tirantes / Peças de ancoragem			8,20	0,80	0,80	6500

* **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!

Sämtliche Angaben erfolgen ohne Gewähr.

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