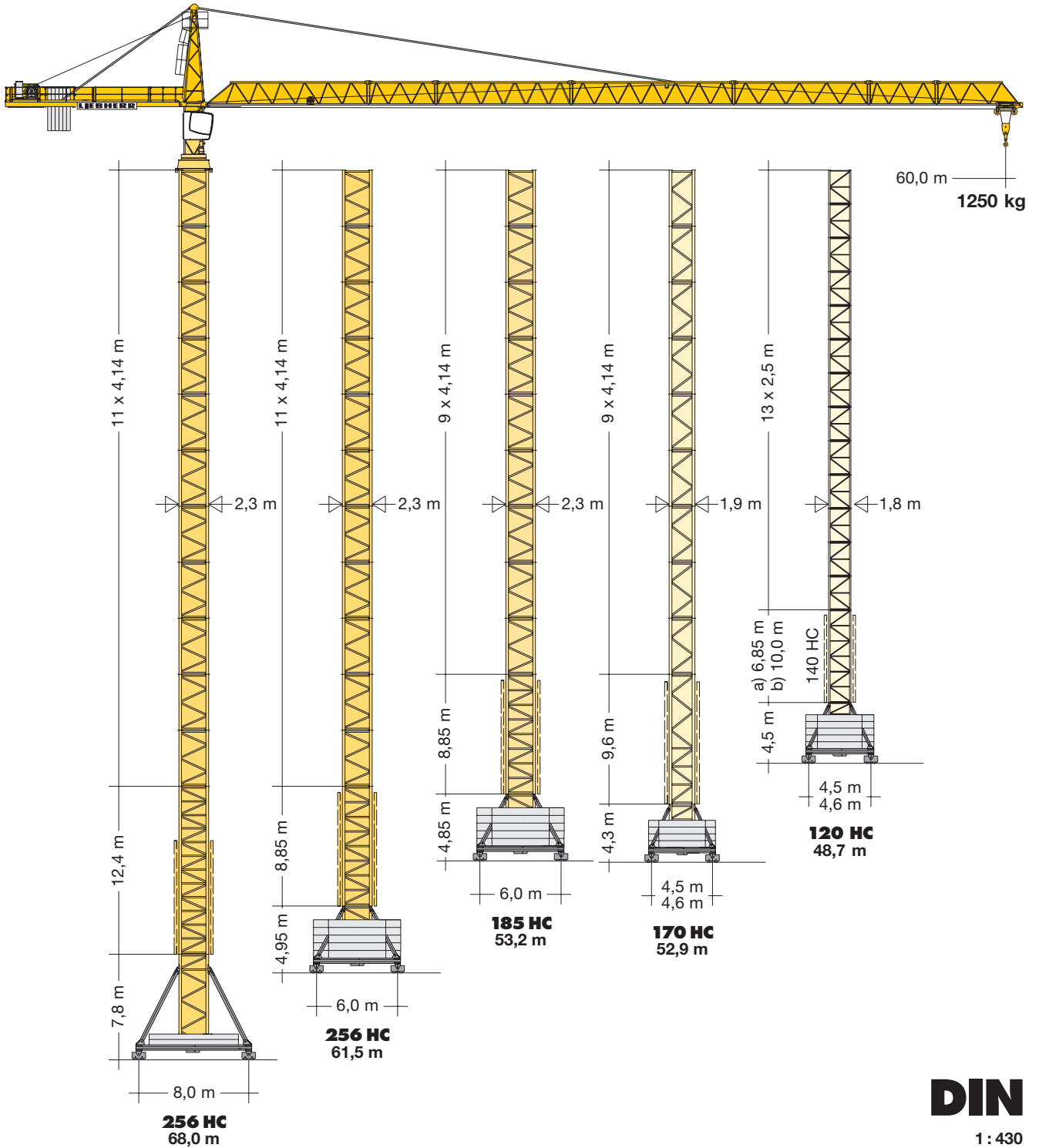


# Turmdrehkran 140 EC-H 10 FR.tronic®

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

140 EC-H 6 FR.tronic®  
140 EC-H 6 Litronic®

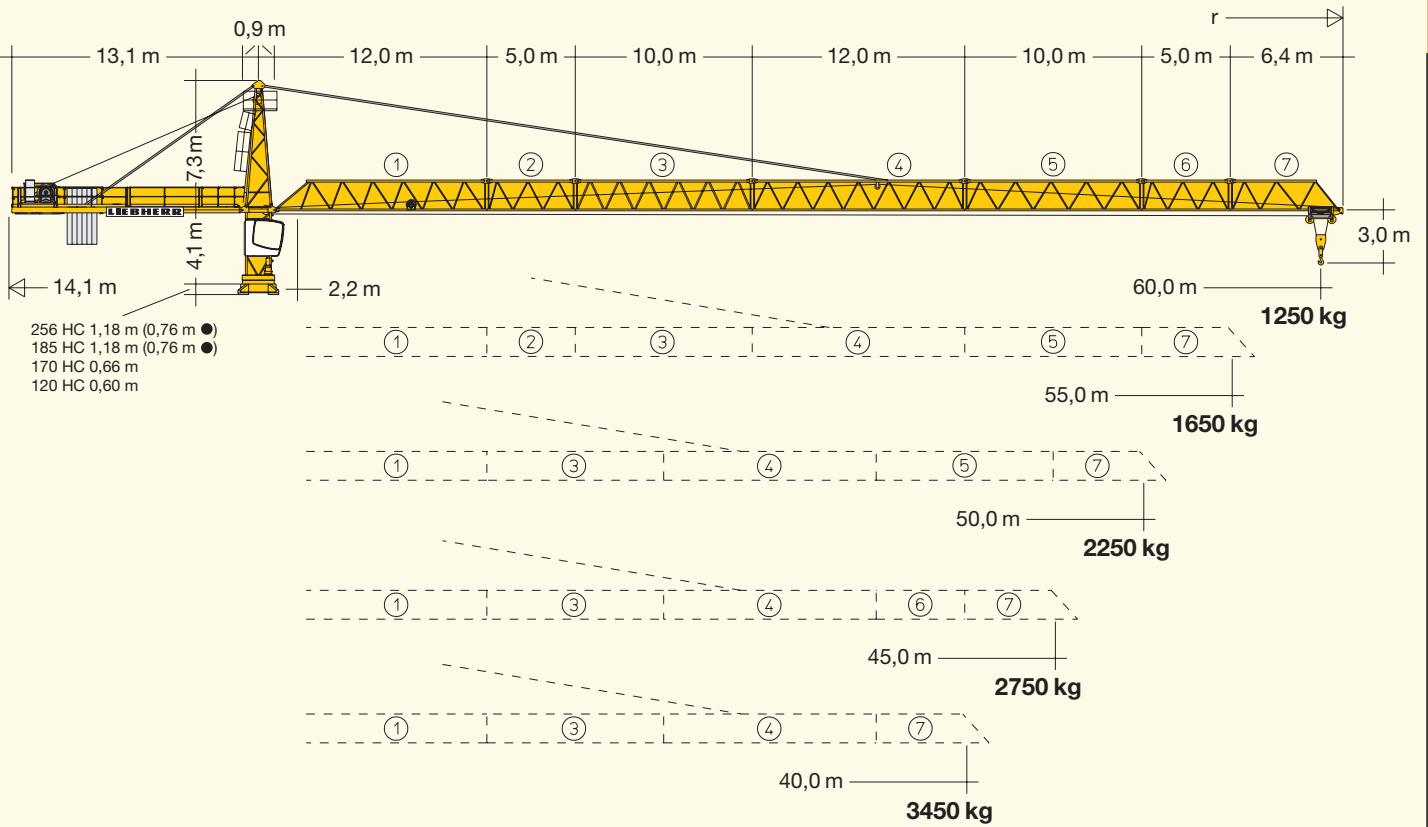
▶ 140 EC-H 10 FR.tronic®



**DIN**

1 : 430

# LIEBHERR



● = siehe Betriebsanleitung. / see instruction manual. / voir manuel d'instruction.  
 vedasi le istruzioni sull'uso. / superiores según manual. / consultar manual de instruções.

## Hubhöhe

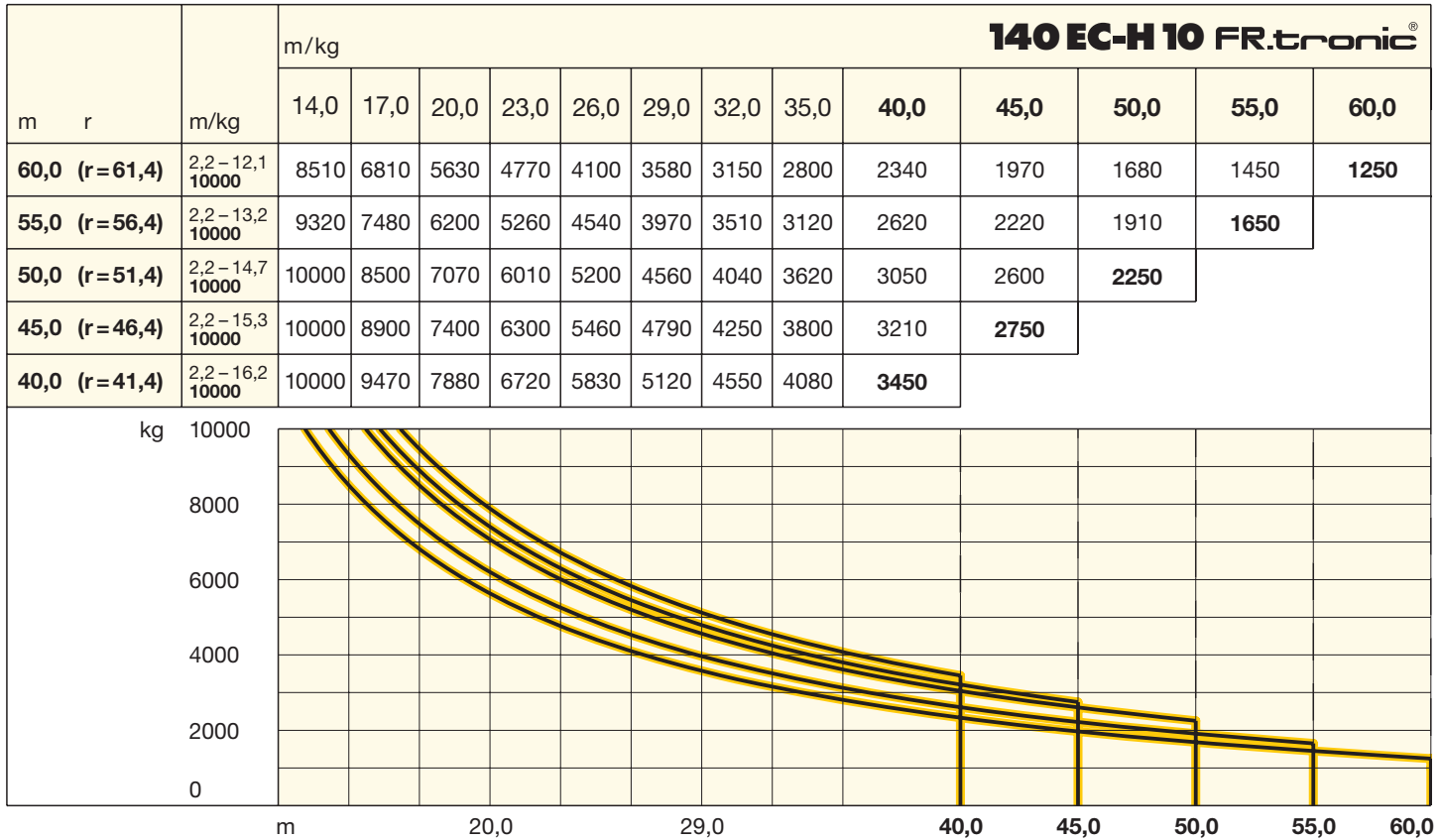
Hoisting height / Hauteur sous crochet / Altezza di sollevamento / Altura bajo gancho / Altura de montagem

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

\* Weitere Hubhöhen, Auslegerlängen sowie Klettern im Gebäude auf Anfrage. / Further hoist heights and jib lengths as well as climbing inside the building on request. / Autres hauteurs sous crochet et longueurs de flèche ainsi que hissage dans le bâtiment sur demande. / Ulteriori altezze gancho, lunghezze braccio così come telescopaggio all'interno dell'edificio: su richiesta. / Para alturas bajo gancho superiores, otros alcances y trepado en el interior del edificio, consultar. / Outras alturas de elevação, comprimentos de lança e subida no edifício: sob consulta.

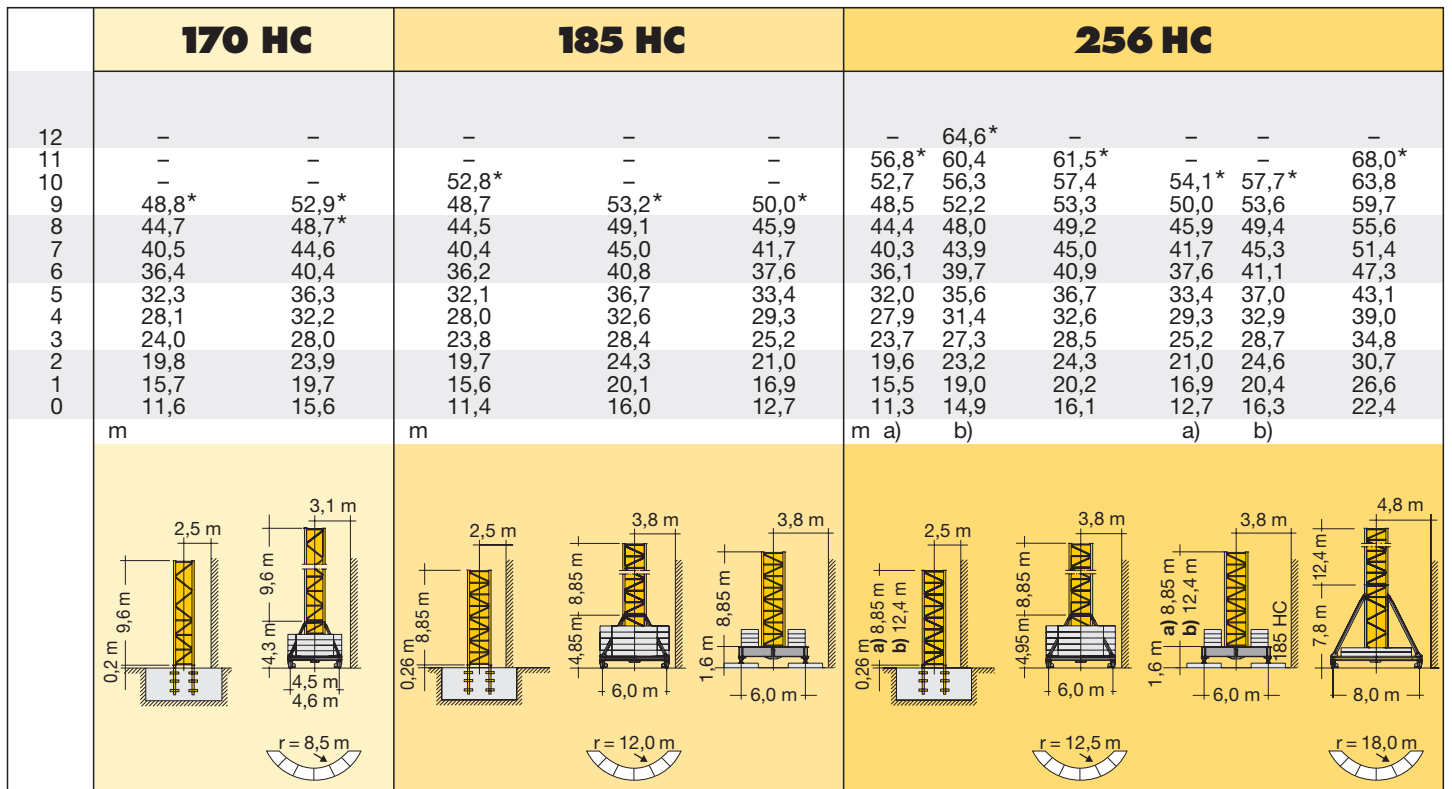
# Ausladung und Tragfähigkeit

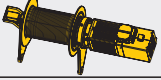
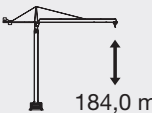

Radius and capacity / Portée et charge / Sbraccio e portata / Alcances y cargas / Alcance e capacidade de carga

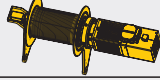
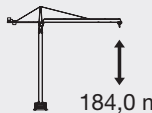



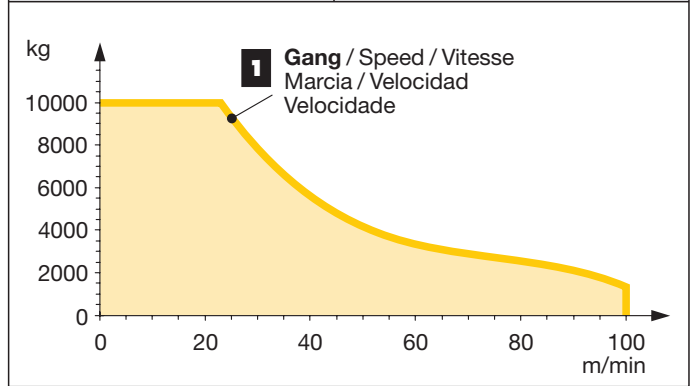
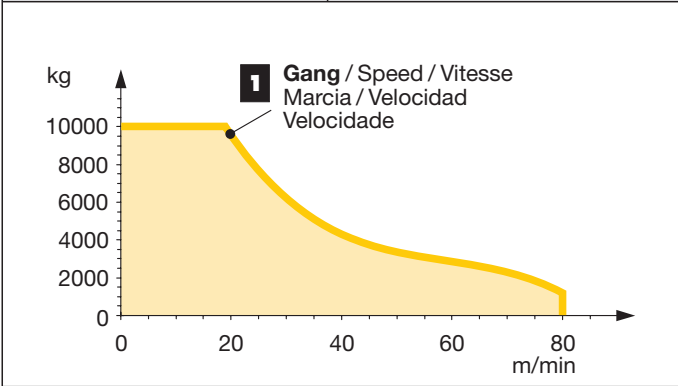
# Hubhöhe

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







	↔ <b>stufenlos</b> / stepless / régl. continu regl. progressiva / sin escalones / sem degraus kg m/min
37 kW FU WIW 250 MZ 402 <b>6 Lagen</b> Layers Couches Strati Camadas Capas 	 10000 0 ↔ 19 1150 0 ↔ 80
max. 261,0 m**	



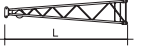











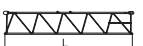











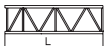





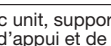

	↔ <b>stufenlos</b> / stepless / régl. continu regl. progressiva / sin escalones / sem degraus kg m/min
45 kW FU WIW 260 MZ 401 <b>6 Lagen</b> Layers Couches Strati Camadas Capas 	 10000 0 ↔ 23 1200 0 ↔ 100
max. 261,0 m**	



\*\* 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 granco superiores según manual. / Outras tabelas de carga: consultar manual de instruções.

	U/min 0 ↔ 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)
	<b>kVA</b>	37 kW FU 45 kW FU 47,0 54,0









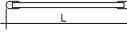

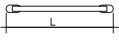



Montagegewichte: siehe Betriebsanleitung. / Erection weights: see instruction manual. / Poids de montage: voir manuel de service. / Pesatura di montaggio: vedasi le istruzioni sull'uso. / Peso para el montaje: según manual. / Pesos de montagem: veja-se as instruções p. uso.

<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 Rep. Voce Pos. Ref.	Anz. Qty. Qta. Cant.								
1	1	<b>Kabine mit Drehbühne</b> / Cabin with slewing platform Cabine avec ensemble mât-cabine / Cabina con piattaforma girevole / Plataforma de giro Cabina com plataforma giratória			120 HC	5,15	2,44	2,48	6900
					170 HC	5,20	2,45	2,65	7200
					185 HC	6,00	2,74	2,65	7500
					256 HC	6,00	2,74	2,65	7500
2	1	<b>Turmspitze</b> / Tower head section Porte-flèche / Testa porta-braccio Cabeza de torre / Cabeça de apoio de lança			7,30	1,48	1,70	1870	
3	1	<b>Hubwerkseinheit</b> / Hoist gear unit / Treuil de levage Gruppo meccanismo sollevamento / Mecanismo de elevación / Grupo de mecanismo elevatório			2,20	2,34	1,70	2600	
4	1	<b>Gegenausleger</b> / Counter-jib Contre-flèche / Controbraccio Contrapluma / Contra-lança			13,11	2,42	0,57	3000	
5	1	<b>Gegenausleger mit Hubwerkseinheit</b> Counter-jib with hoist gear unit / Contre-flèche avec treuil de levage / Controbraccio con gruppo meccanismo sollevamento / Contrapluma con mecanismo de elevación / Contra-lança com grupo de mecanismo elevatório			13,11	2,42	2,20	7200	
6	1	<b>Ausleger-Anlenkstück</b> / Jib heel section Pied de flèche / Settore articolato di braccio Pluma tramo primero / Base articulada de lança			12,24	1,58	1,79	① 2050	
7	1	<b>Ausleger-Zwischenstück</b> / Intermediate jib section Élément intermédiaire de flèche / Spezzone di braccio Tramo intermedio pluma / Peça suplementar da lança			12,30	1,25	1,70	④ 1640	
8	2	<b>Ausleger-Zwischenstück</b> / Intermediate jib section Élément intermédiaire de flèche / Spezzone di braccio Tramo intermedio pluma / Peça suplementar da lança			10,30	1,25	1,70	③ 1130 ⑤ 750	
9	2	<b>Ausleger-Zwischenstück</b> / Intermediate jib section Élément intermédiaire de flèche / Spezzone di braccio Tramo intermedio pluma / Peça suplementar da lança			5,25	1,25	1,68	⑥ 370 ② 630	
10	1	<b>Ausleger-Kopfstück</b> / Jib head Pointe de flèche / Punta freccia Tramo punta de pluma / Cabeça de lança			6,51	1,43	1,88	⑦ 500	
11	1	<b>Laufkatze und Lashaken</b> / Trolley and hook Chariot de distribution et crochet / Carrello con gancio Carrito y gancho / Carro de ponte e gancho			1,90	1,42	1,38	930	
12	1	<b>Drehbühne und Turmspitze</b> / Slewing platform and tower head section / Ensemble mât-cabine et porte-flèche Piattaforma girevole e cuspid / Plataforma de giro y cabeza torre / Plataforma giratória e cabeça de torre			120 HC	12,20	2,45	2,62	8770
					170 HC	12,20	2,45	2,62	9070
					185 HC	12,70	2,74	2,65	9370
					256 HC	12,70	2,74	2,65	9370
13	1	<b>Ausleger- und Gegenausleger-Abspannung</b> / Jib and counter-jib suspension Haubanage de flèche et de contre-flèche / Attrezzatura di ancoraggio di braccio e controbraccio Tirantes de sost en pluma y contrapluma / Grupo de ancoragem de lança e contra-lança			8,20	0,55	0,12	1170	
					5,87	0,20	0,16	380	
<b>Turm</b>		<b>Tower / Mât / Torre</b>							
<b>Torre / Torre</b>									
14	13 9 9 11	<b>Turmstück</b> / Tower section Élément de mât / Elemento di torre Tramo torre / Torre			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
15	7 3	<b>Turmstück lang</b> / Long tower section Élément de mât long / Elemento di torre, lungo Tramo de torre largo / Peça de torre, comprida			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
16	1	<b>Grundturmstück</b> / Base tower section Mât de base / Elemento di torre base Tramo base / Peça de base de torre			140 HC	6,85	1,80	1,80	2930
					140 HC	10,00	1,80	1,80	3990
					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)
<b>Klettereinrichtung</b>		<b>Climbing equipment / Equipement de télescope / Attrezzatura per allungamento della gru</b>							
<b>Equipo de trepado / Acesórios p. subida no edificio</b>									
17	1	<b>Führungsstück kpl.</b> / Guide section cpl. / Cage télescopique cpl. / Gabbia di sopraelevazione compl. Torre de montaje completa / Peça de guia compl.			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
18	1	<b>Hydraulikanlage, Stütz- u. Klettertraverse</b> / Hydraulic unit, supporting a climbing cross members / Système hydraulique avec traverses d'appui et de télescope Sistema idraulico, traversa di appoggio e allungamento gru / Sistema hidráulico con traviesa de apoyo y trepado / Instalação hidráulica, travessa de apoio e subida			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

Pos. Anz.  
Item Qty.  
Rep. Qta.  
Voce Qta.  
Pos. Cant.  
Ref. Cant.

L (m) B (m) H (m) kg\*

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

19	2	<b>Fahrschemel mit Antrieb</b> / Rail bogie with drive Bogie moteur / Telaio con gruppo propulsore Caja rodillo motriz / Quadro sem grupo de propulsão			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)		
20	2	<b>Fahrschemel ohne Antrieb</b> / 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)		
21	1	<b>Tragholm lang</b> / Long support arm Longeron long / Longherone lungo Braço soporte largo / 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)		
22	2	<b>Tragholm kurz</b> / Short support arm Longeron court / Longherone corto Braço soporte corto / 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)		
23	2 + 2	<b>Randträger</b> / 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	0,11 - 0,18	0,16 - 0,38	175 - 525		
								(7,52 - 7,46)	(0,10 - 0,17)	(0,10 - 0,38)	(366 - 912)
24	4	<b>Stützholm</b> / 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)		
25	1	<b>Unterwagen-Turmstück</b> / 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)		
26	1	<b>Stapel Aufstiege und Podeste</b> / 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		
27	1	<b>Kiste mit Kleinteilen</b> / 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-Unterwagen.** / 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. / Pesi 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 construação!

### Sämtliche Angaben erfolgen ohne Gewähr.

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