

# Turmdrehkran

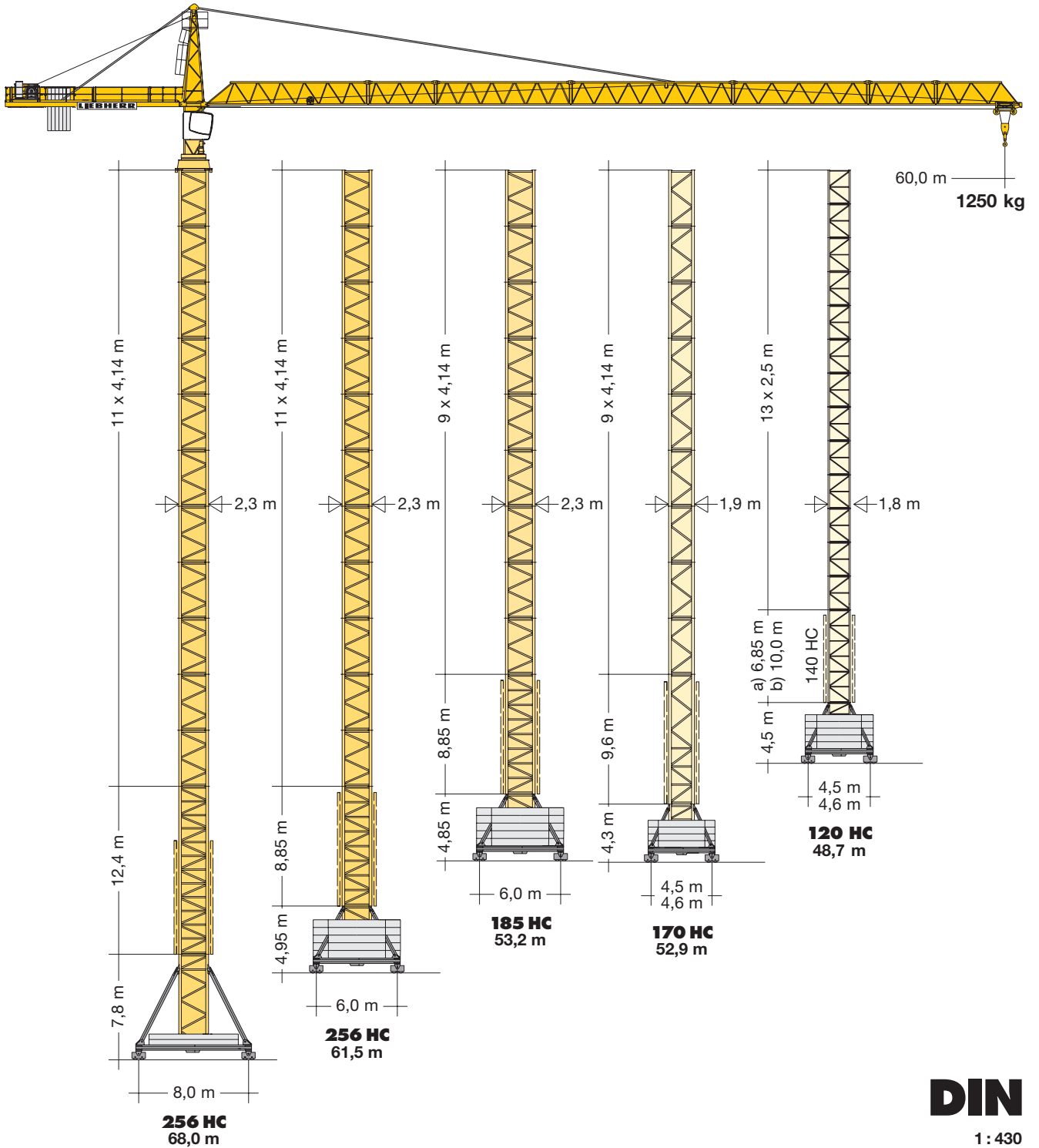
Tower Crane / Grue à tour / Gru a torre  
Grúa torre / Guindaste de torre

## 140 EC-H 10 FR.tronic®

140 EC-H 6 FR.tronic®

140 EC-H 6 Litronic®

▶ 140 EC-H 10 FR.tronic®

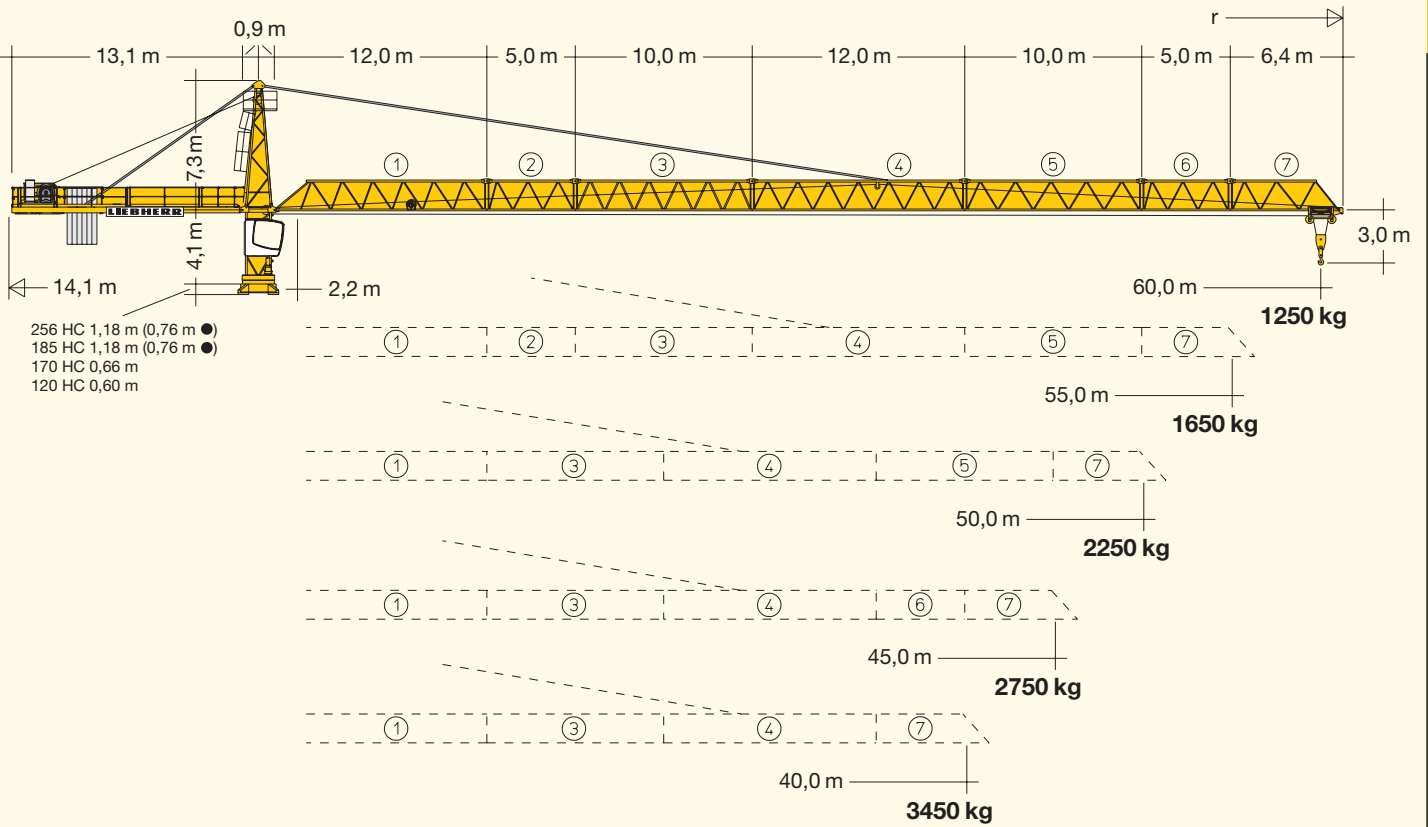


**DIN**

1 : 430

# LIEBHERR

Courtesy of Crane.Market



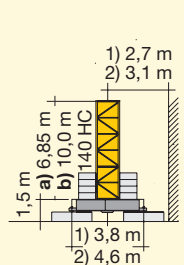
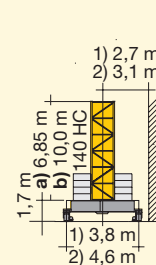
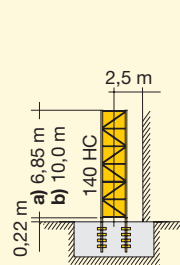
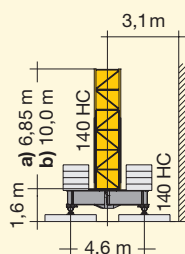
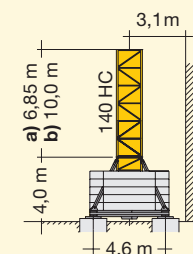
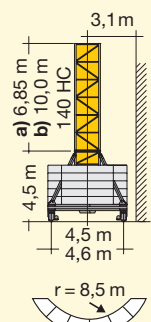
● = siehe Betriebsanleitung. / see instruction manual. / voir manuel d'instruction.  
vedasi le istruzioni sull'uso. / superiores según manual. / consultar manual de instruções.

## Hubhöhe

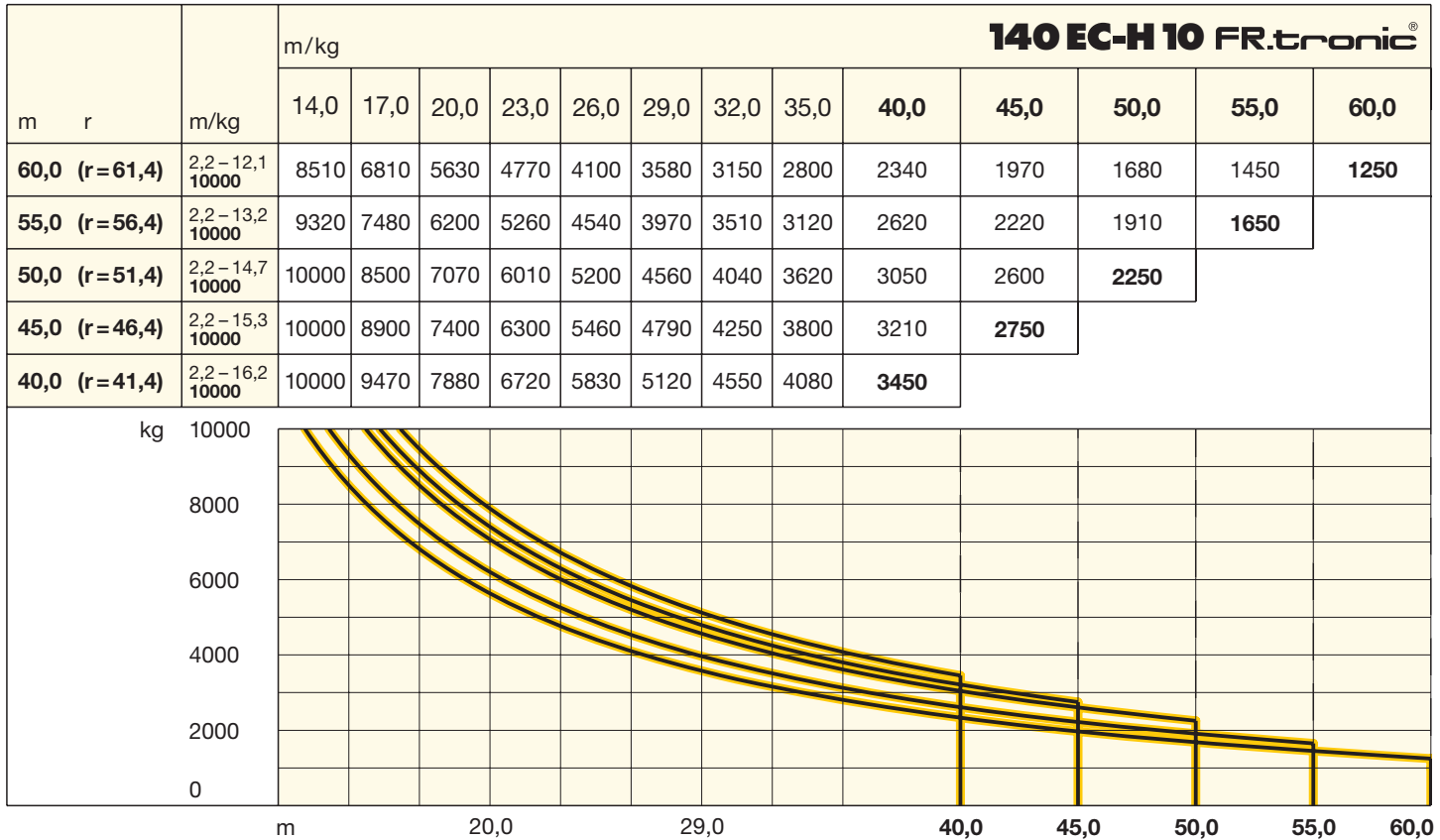
Hoisting height / Hauteur sous crochet / Altezza di sollevamento / Altura bajo gancho / Altura de montagem

### 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

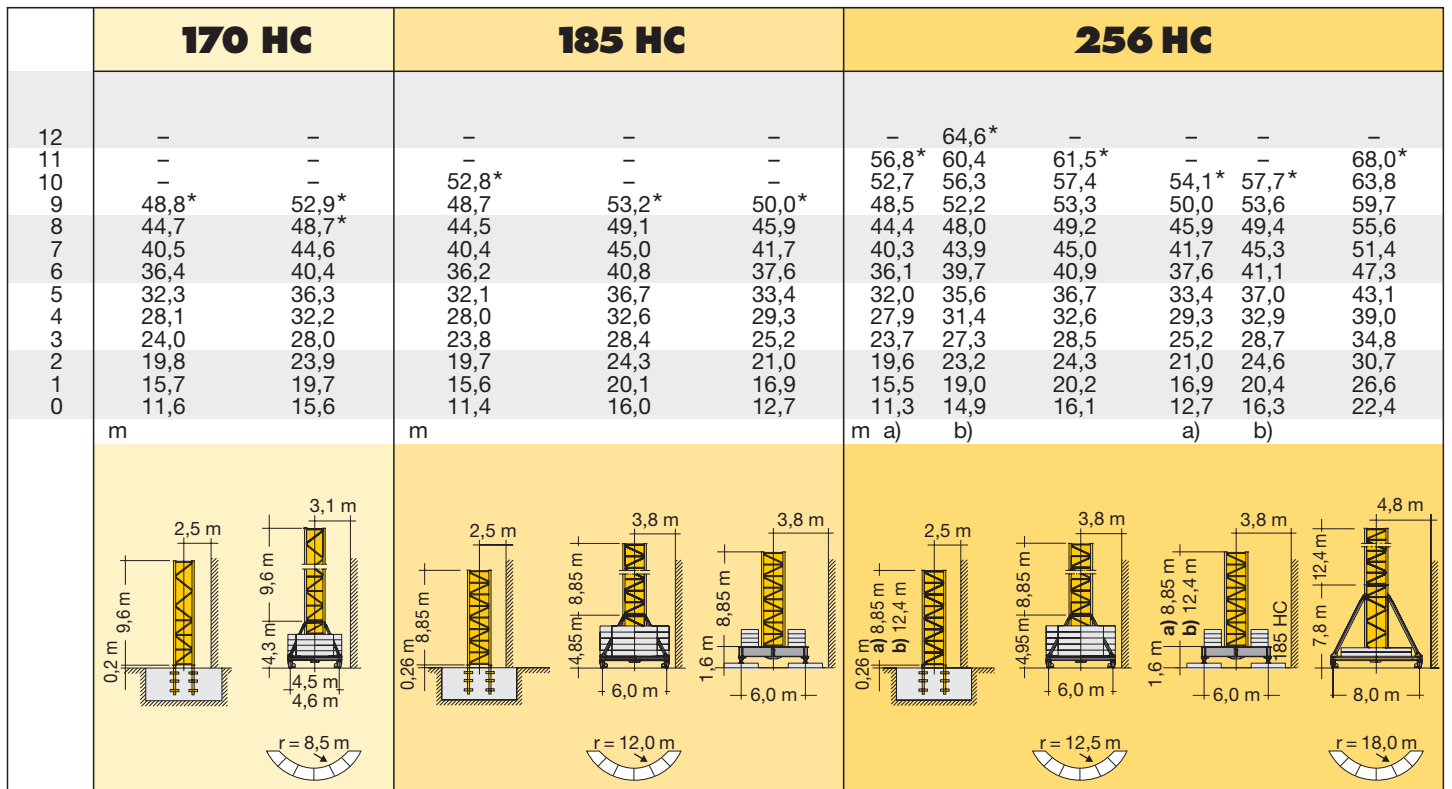


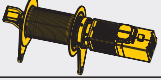
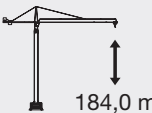
\* Weitere Hubhöhen, Auslegerlängen sowie Klettern im Gebäude auf Anfrage. / Further hoist heights and jib lengths as well as climbing inside the building on request. / Autres hauteurs sous crochet et longueurs de flèche ainsi que hissage dans le bâtiment sur demande. / Ulteriori altezze gancho, lunghezze 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.

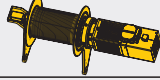
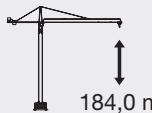


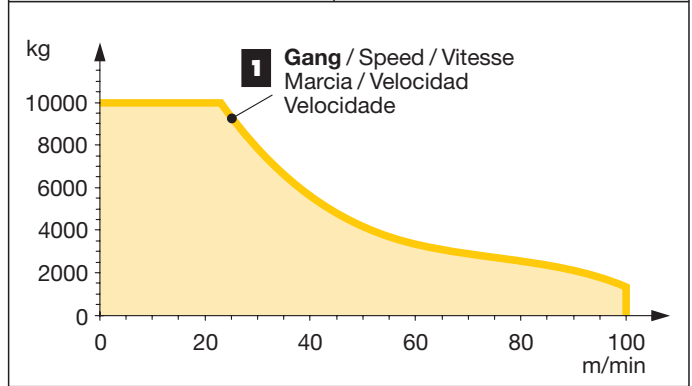
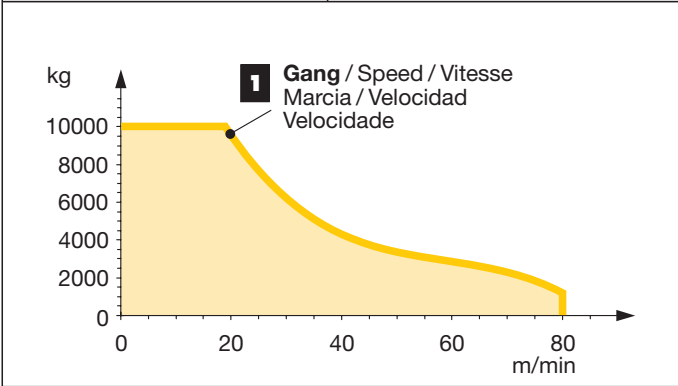
## Hubhöhe

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







	<p>↔ <b>stufenlos</b> / stepless / régl. continu regl. progressiva / sin escalones / sem degraus</p> <p>kg                      m/min</p>
<p>37 kW FU WIW 250 MZ 402 <b>6 Lagen</b> Layers Couches Strati Camadas Capas</p>  <p>184,0 m</p> <p>max. 261,0 m**</p>	<p><b>1</b> 10000 0 ↔ 19 1150 0 ↔ 80</p>



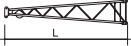























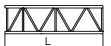





	<p>↔ <b>stufenlos</b> / stepless / régl. continu regl. progressiva / sin escalones / sem degraus</p> <p>kg                      m/min</p>
<p>45 kW FU WIW 260 MZ 401 <b>6 Lagen</b> Layers Couches Strati Camadas Capas</p>  <p>184,0 m</p> <p>max. 261,0 m**</p>	<p><b>1</b> 10000 0 ↔ 23 1200 0 ↔ 100</p>



\*\* 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.

	<p>U/min 0 ↔ 0,8 sl./min tr./min</p>	1 x 7,5 kW FU				
	<p>0 ↔ 100,0 m/min</p>	5,5 kW FU				
	<p>25,0 m/min</p>	<p>2 x 4,0 kW (120 HC) 2 x 7,5 kW (256 HC) 2 x 5,5 kW (185 HC, 170 HC)</p>				
	<b>kVA</b>	<table border="1"> <tr> <td>37 kW FU</td> <td>45 kW FU</td> </tr> <tr> <td>47,0</td> <td>54,0</td> </tr> </table>	37 kW FU	45 kW FU	47,0	54,0
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.								
		<b>Kabine mit Drehbühne / Cabin with slewing platform</b>			120 HC	5,15	2,44	2,48	6900
		Cabine avec ensemble mât-cabine / Cabina con piattaforma girevole / Plataforma de giro			170 HC	5,20	2,45	2,65	7200
		Cabina com plataforma giratória			185 HC	6,00	2,74	2,65	7500
					256 HC	6,00	2,74	2,65	7500
1	1								
2	1	<b>Turmspitze / Tower head section</b>				7,30	1,48	1,70	1870
		Porte-flèche / Testa porta-braccio							
		Cabeza de torre / Cabeça de apoio de lança							
3	1	<b>Hubwerkseinheit / Hoist gear unit / Treuil de levage</b>				2,20	2,34	1,70	2600
		Gruppo meccanismo sollevamento / Mecanismo de elevación / Grupo de mecanismo elevatório							
4	1	<b>Gegenausleger / Counter-jib</b>				13,11	2,42	0,57	3000
		Contre-flèche / Controbraccio							
		Contrapluma / Contra-lança							
5	1	<b>Gegenausleger mit Hubwerkseinheit</b>				13,11	2,42	2,20	7200
		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							
6	1	<b>Ausleger-Anlenkstück / Jib heel section</b>				12,24	1,58	1,79	① 2050
		Pied de flèche / Settore articolato di braccio							
		Pluma tramo primero / Base articulada de lança							
7	1	<b>Ausleger-Zwischenstück / Intermediate jib section</b>				12,30	1,25	1,70	④ 1640
		Élément intermédiaire de flèche / Spezzone di braccio							
		Tramo intermedio pluma / Peça suplementar da lança							
8	2	<b>Ausleger-Zwischenstück / Intermediate jib section</b>				10,30	1,25	1,70	③ 1130
		Élément intermédiaire de flèche / Spezzone di braccio							
		Tramo intermedio pluma / Peça suplementar da lança							⑤ 750
9	2	<b>Ausleger-Zwischenstück / Intermediate jib section</b>				5,25	1,25	1,68	⑥ 370
		Élément intermédiaire de flèche / Spezzone di braccio							
		Tramo intermedio pluma / Peça suplementar da lança							② 630
10	1	<b>Ausleger-Kopfstück / Jib head</b>				6,51	1,43	1,88	⑦ 500
		Pointe de flèche / Punta freccia							
		Tramo punta de pluma / Cabeça de lança							
11	1	<b>Laufkatze und Lasthaken / Trolley and hook</b>				1,90	1,42	1,38	930
		Chariot de distribution et crochet / Carrello con gancio							
		Carro e gancho / Carro de ponte e gancho							
12	1	<b>Drehbühne und Turmspitze / Slewing platform and tower head section</b>			120 HC	12,20	2,45	2,62	8770
		Ensemble mât-cabine et porte-flèche			170 HC	12,20	2,45	2,62	9070
		Plattaforma girevole e cuspid / Plataforma de giro e cabeça torre			185 HC	12,70	2,74	2,65	9370
		Plattaforma giratória e cabeça de torre			256 HC	12,70	2,74	2,65	9370
13	1	<b>Ausleger- und Gegenausleger-Abspannung / Jib and counter-jib suspension</b>				8,20	0,55	0,12	1170
		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				5,87	0,20	0,16	380
<b>Turm</b>		<b>Tower / Mât / Torre</b>							
		<b>Torre / Torre</b>							
14	13	<b>Turmstück / Tower section</b>			120 HC	2,50	1,80	1,80	1090
	9	Élément de mât / Elemento di torre			170 HC	4,14	1,90	1,90	1850
	9				185 HC	4,14	2,30	2,30	2240
	11	Tramo torre / Torre			256 HC	4,14	2,30	2,30	2300
15	7	<b>Turmstück lang / Long tower section</b>			120 HC	5,00	1,80	1,80	1830
	3	Élément de mât long / Elemento di torre, lungo			120 HC	10,00	1,80	1,80	3430
		Tramo de torre largo / Peça de torre, comprida			120 HC	12,50	1,80	1,80	4200
16	1	<b>Grundturmstück / Base tower section</b>			140 HC	6,85	1,80	1,80	2930
		Mât de base / Elemento di torre base			140 HC	10,00	1,80	1,80	3990
		Tramo base / Peça de base de torre			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. / Guide section cpl. / Cage</b>			120 HC	6,45	2,10	2,42	2660
		télescopique cpl. / Gabbia di sopraelevazione compl.			120 HC	9,60	2,10	2,42	4410
		Torre de montaje completa / Peça de guia compl.			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 / Hydraulic unit, supporting a climbing cross members / Système hydraulique avec traverses d'appui et de télescope</b>			120 HC	2,87	2,12	1,06	1050
		Sistema idraulico, traversa di appoggio e allungamento gru / Sistema hidráulico con traviesa de apoyo y trepado / Instalação hidráulica, travessa de apoio e subida			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. Item Rep. Voce Pos. Ref.	Anz. Qty. Qta. Cant. Cant.				L (m)	B (m)	H (m)	kg*
<b>Unterwagen</b>		<b>Undercarriage / Châssis / Carro della gru Carro con mástil / Carro de guindaste</b>						
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 1,38 170 HC 1,46 185 HC 1,46 256 HC 1,63 (1,46)	0,88 0,84 0,84 0,92 (0,84)	0,87 0,87 0,87 0,95 (0,87)	900 920 920 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 1,17 170 HC 1,15 185 HC 1,15 256 HC 1,37 (1,15)	0,60 0,60 0,60 0,62 (0,60)	0,87 0,87 0,87 0,95 (0,87)	860 880 880 1340 (880)
21	1	<b>Tragholm lang</b> / Long support arm Longeron long / Longherone lungo Braço soporte largo / Travessa comprida			120 HC 7,12 170 HC 7,15 185 HC 9,10 256 HC 9,10 (11,95)	0,78 0,80 0,82 0,80 (0,82)	0,65 0,70 0,74 0,80 (0,80)	950 1070 1350 1650 (2200)
22	2	<b>Tragholm kurz</b> / Short support arm Longeron court / Longherone corto Braço soporte corto / Travessa curta			120 HC 3,45 170 HC 3,45 185 HC 4,41 256 HC 4,45 (5,58)	0,56 0,60 0,62 0,77 (0,65)	0,55 0,70 0,71 0,77 (0,77)	408 500 615 800 (1035)
23	2 + 2	<b>Randträger</b> / Border support Traverse / Supporti base Traviesa / Apoio de bordo			120 HC 4,02 170 HC 4,08 - 4,30 185 HC 5,48 - 5,46 256 HC 5,46 - 5,40 (7,52 - 7,46)	0,35 0,16 - 0,33 0,11 - 0,17 0,11 - 0,18 (0,10 - 0,17)	0,12 0,11 - 0,14 0,16 - 0,38 0,16 - 0,38 (0,10 - 0,38)	95 80 - 200 118 - 454 175 - 525 (366 - 912)
24	4	<b>Stützholm</b> / Support strut Hauban de châssis / Correnti di appoggio Tirante vertical / Travessa de apoio			120 HC 3,78 170 HC 3,53 185 HC 4,23 256 HC 4,14 (6,55)	0,15 0,25 0,17 0,18 (0,22)	0,22 0,17 0,25 0,25 (0,25)	200 240 275 320 (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 3,50 170 HC 3,30 185 HC 3,73 256 HC 3,73 (6,70)	2,06 2,15 2,52 2,62 (2,53)	2,06 2,15 2,52 2,62 (2,53)	1320 2000 1950 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 construçao!

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