



# 1250

# HC

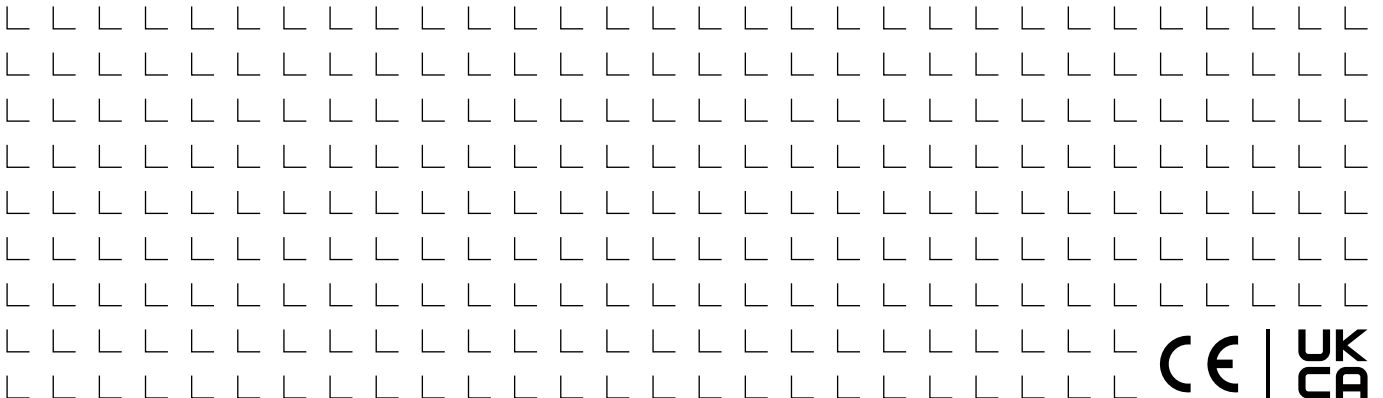


## 1250 HC 40

EN 14439:2009 - C25  
Technical Data

# LIEBHERR

**Tower Cranes**



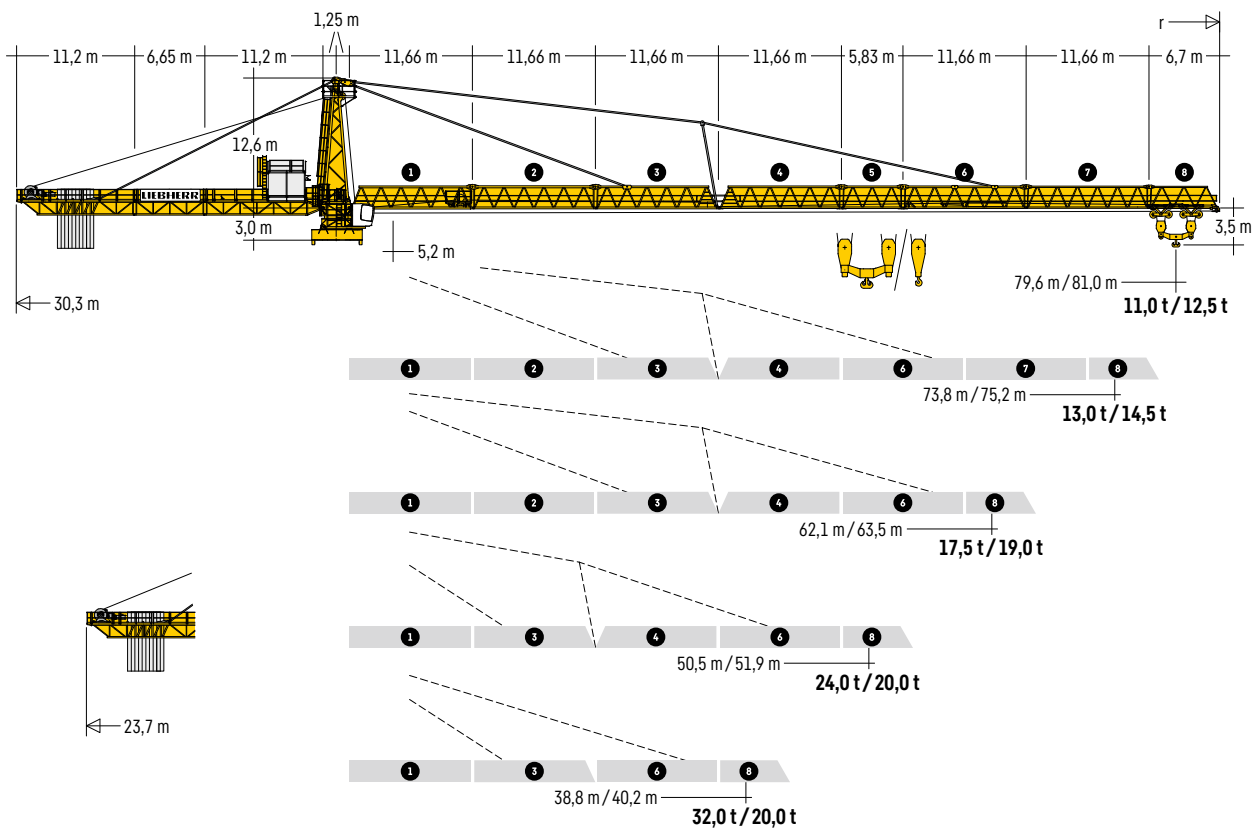
CE | UK  
CA

# **1250 HC 40**

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<b>Ausladung und Tragfähigkeit</b> · Radius and capacity · Portée et charge Sbraccio e portata · Alcances y cargas · Alcance e capacidade de carga Вылет и грузоподъемность.....	<b>04</b>
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**Ausladung und Tragfähigkeit** · Radius and capacity · Portée et charge · Sbraccio e portata  
 Alcances y cargas · Alcance e capacidade de carga · Вылет и грузоподъемность

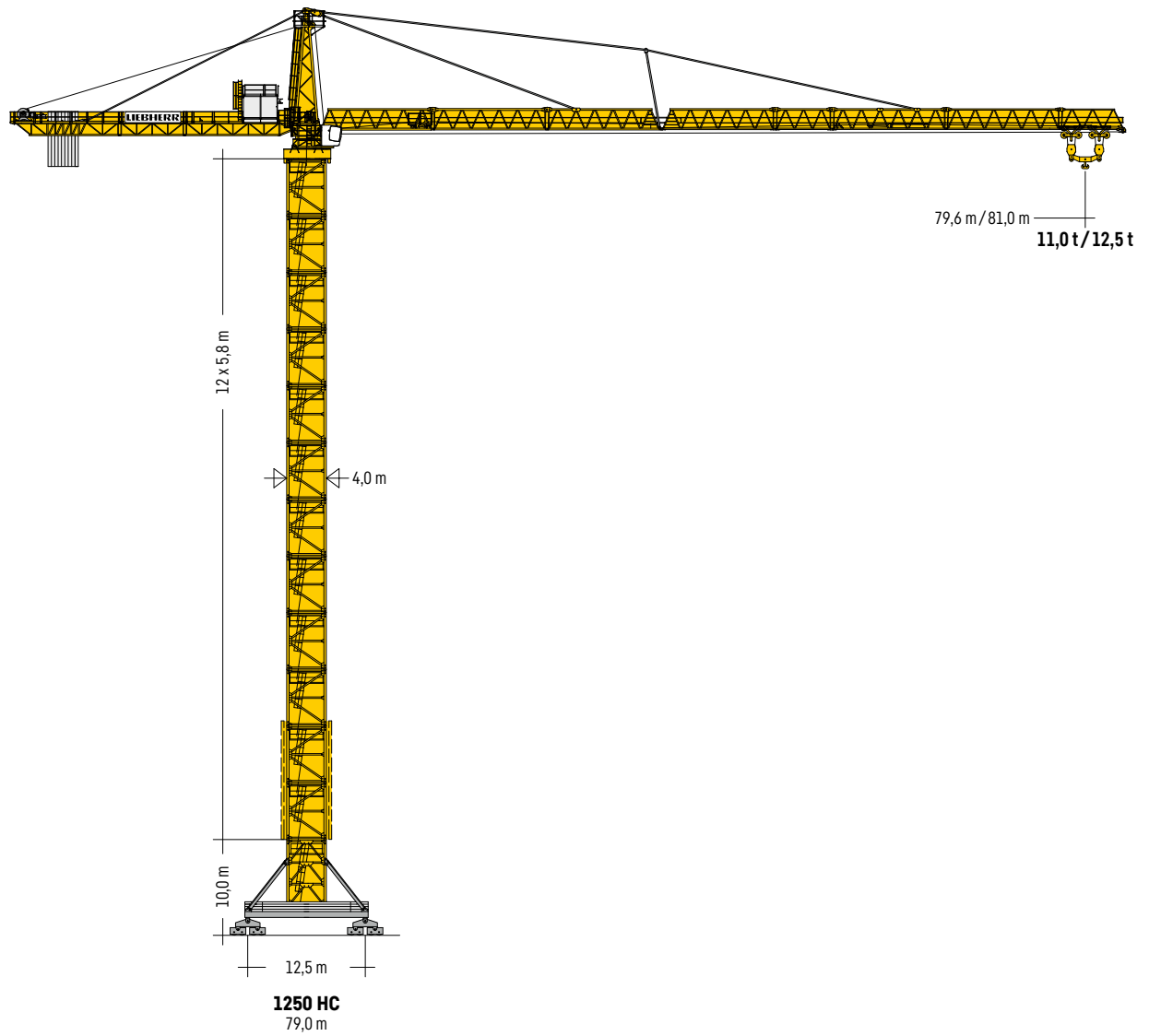


**1250 HC 40**

				m											
m	r	m	t	30,0	35,0	40,0	45,0	50,0	55,0	60,0	65,0	70,0	75,0	81,0	
81,0 (r=83,7)	6,6 - 52,9	20		20,00					19,20	17,48	16,01	14,75	13,65	12,50	
75,2 (r=77,9)	6,6 - 56,1	20		20,00						18,59	17,04	15,71	14,50		
63,5 (r=66,2)	6,6 - 60,5	20		20,00							19,00				
51,9 (r=54,6)	6,6 - 51,9	20		20,00											
40,2 (r=42,9)	6,6 - 40,2	20		20,00											
				m											
m	r	m	t	30,0	35,0	40,0	45,0	50,0	55,0	60,0	65,0	70,0	75,0	79,6	
79,6 (r=83,7)	5,2 - 27,0	40		35,41	29,63	25,52	22,35	19,78	17,66	15,88	14,37	13,06	11,92	11,00	
73,8 (r=77,9)	5,2 - 28,3	40		37,36	31,29	26,98	23,66	20,97	18,75	16,88	15,29	13,92	13,00		
62,1 (r=66,2)	5,2 - 30,0	40		40,00	33,57	28,99	25,45	22,59	20,23	17,50					
50,5 (r=54,6)	5,2 - 31,0	40		40,00	35,36	30,81	27,20	24,00							
38,8 (r=42,9)	5,2 - 31,0	40		40,00	35,49	32,00									

Tragfähigkeiten gültig bis 50 m Hubhöhe. · Lifting capacities valid up to 50 m hoisting height. · Capacités de levage valables jusqu'à 50 m de hauteur sous crochet. · Portate valide fino a 50 m d'altezza di sollevamento. · Cargas válidas hasta altura de 50 m. · Cargas válidas ate à altura de 50 m. · Грузоподъемность действительна до 50 м высоты подъема.

**Kranaufbauten** · Crane superstructures · Superstructures de grue · Sovrastrutture  
Superestructuras para grúas · Estruturas da grua · Конструкции крана



**Hubhöhe** • Hoisting height • Hauteur sous crochet • Altezza di sollevamento  
 Altura bajo gancho • Altura de montagem • Высота подъема

**C 25**

5,8 m		1250 HC	
13	75,2 <sup>1)</sup>	-	-
12	69,4	79,0 <sup>1)</sup>	-
11	63,6	73,2	-
10	57,8	67,4	-
9	52,0	61,6	-
8	46,2	55,8	-
7	40,4	50,0	-
6	34,6	44,2	-
5	28,8	38,4	-
4	23,0	32,6	-
3	17,2	26,8	-
2	11,4	21,0	-
1	5,6	15,2	-
0	0,2	9,4	-

0,43 m

5,8 m

5,8 m

10,0 m

7,0 m

12,5 m

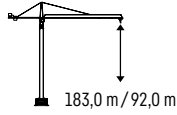


# Antriebe · Driving units · Mécanismes d'entraînement · Meccanismi Mecanismos · Mecanismos · Приводы

## 3 ↑ 65 kW FU SD.shift

WIW 280 WZ 403

⊗ **kVA:** 115,0  
max. 368,0 m / 184,0 m<sup>1)</sup>



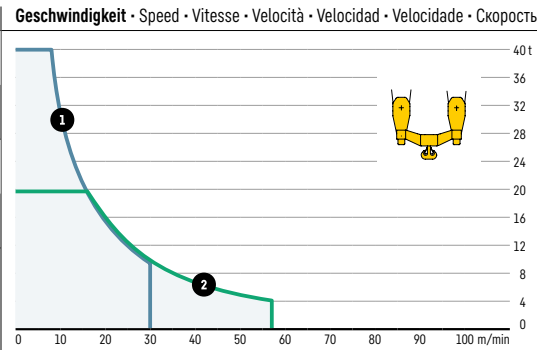
**5 Lagen**

Layers  
Couches  
Avvolgimenti  
Camadas  
Capas  
Слоёв

↔ **stufenlos**

stepless  
régl. continu  
regl. progressiva  
sin escalones  
sem degraus  
бесступенчатый

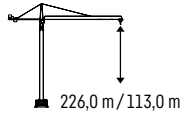
	t	m/min
	1	20,00 0 ↔ 16 4,70 0 ↔ 60
	2	9,80 0 ↔ 32 1,70 0 ↔ 115
	1	40,00 0 ↔ 8 9,60 0 ↔ 30
	2	19,70 0 ↔ 16 4,10 0 ↔ 57



## 3 ↑ 110 kW FU SD.shift

WIW 300 WZ 403

⊗ **kVA:** 151,0  
max. 368,0 m / 184,0 m<sup>1)</sup>



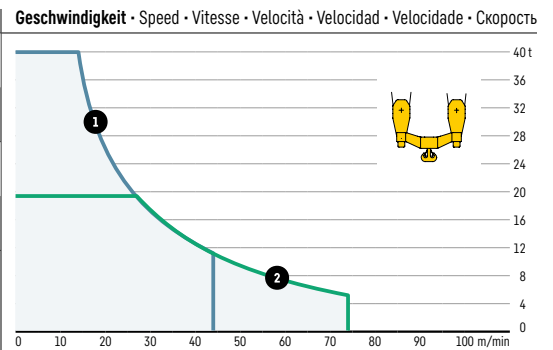
**6 Lagen**

Layers  
Couches  
Avvolgimenti  
Camadas  
Capas  
Слоёв

↔ **stufenlos**

stepless  
régl. continu  
regl. progressiva  
sin escalones  
sem degraus  
бесступенчатый

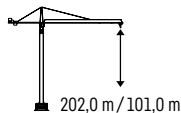
	t	m/min
	1	20,00 0 ↔ 28 5,60 0 ↔ 88
	2	9,70 0 ↔ 55 2,60 0 ↔ 149
	1	40,00 0 ↔ 14 11,30 0 ↔ 44
	2	19,40 0 ↔ 27 5,90 0 ↔ 74



## 3 ↑ 110 kW FU

WIW 300 VZ 432

⊗ **kVA:** 151,0  
max. 520,0 m / 260,0 m<sup>1)</sup>



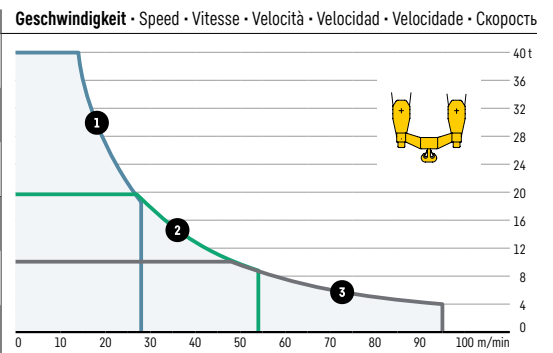
**5 Lagen**

Layers  
Couches  
Avvolgimenti  
Camadas  
Capas  
Слоёв

↔ **stufenlos**

stepless  
régl. continu  
regl. progressiva  
sin escalones  
sem degraus  
бесступенчатый

	t	m/min
	1	20,00 0 ↔ 28 9,30 0 ↔ 56
	2	9,80 0 ↔ 53 4,20 0 ↔ 107
	3	4,90 0 ↔ 95 1,50 0 ↔ 191
	1	40,00 0 ↔ 14 18,80 0 ↔ 28
	2	19,70 0 ↔ 27 8,80 0 ↔ 54
	3	10,10 0 ↔ 48 4,00 0 ↔ 95

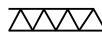


0 ↔ 0,6 U/min · sl./min · tr./min	0 ↔ 68,0 m/min	25,0 m/min
3 x 11,0 kW FU	11,0 kW FU	4 x 15,0 kW

<sup>1)</sup> **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.

Другие данные по весу поднимаемых грузов: см. инструкцию по эксплуатации.

 **81,0 m**



auf Anfrage • on request • sur demande • su richiesta  
bajo pedido • a pedido • по запросу



















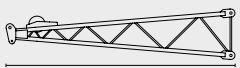




auf Anfrage • on request • sur demande • su richiesta  
bajo pedido • a pedido • по запросу

**Kolli-Liste • Packing List • Liste de colisage • Lista dei colli • Lista de contenido**  
Lista de embalagem • Упаковочный лист

**Montagegewichte: siehe Betriebsanleitung.** • Erection weights: see instruction manual. • Poids de montage : voir manuel de service. • Pesì di montaggio: vedere manuale d'uso.  
Peso para el montaje: según manual. • Pesos de montagem: veja-se as instruções p. uso. • Масса монтируемых частей: см. инструкцию по эксплуатации.




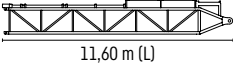








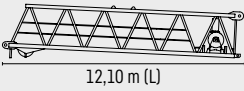


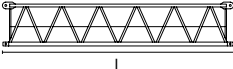







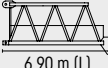












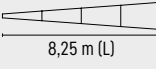


**Kranoberteil • Upper part of crane • Partie supérieure de grue • Parte superiore della gru • Parte superior grúa**  
Parte superior do guindaste • Верхняя часть крана

P <sub>1</sub>	A <sub>1</sub>	Beschreibung • Description • Description • Descrizione • Descripción • Descrição • Описание		
1	1	<b>Drehbühne kpl. mit Kugeldrehkranz und KUD-Auflage (Oberteil)</b> • Slewing platform complete with slewing ring and slewing ring support (upper part) Plate-forme tournante complète avec couronne d'orientation et pivot d'orientation (partie supérieure) • Piattaforma girevole completa di ralla e supporto ralla (parte superiore) • Superestructura completa con corona de giro y superficie para corona de giro (superestructura) • Plataforma de giro, coroa com rolamentos de esfera e base da coroa giratória (parte superior) Поворотная платформа в сб. с шариковым опорноповоротным кругом и рамой ОПУ (верхняя часть)	 4,35 m (L)  28100 kg <sup>2)</sup>	 3,00 m (H) 2,90 m (B)
2	2	<b>Kudauflage – Querträger</b> • Cross-member for slewing ring support Traverse du pivot • Supporto ralla trasversale • Soporte principal asiento de pista • Suporte principal anel de giração • Рама ОПУ – поперечина	 4,85 m (L)  4200 kg <sup>2)</sup>	 1,95 m (H) 1,90 m (B)
3	2	<b>Kudauflage – Träger</b> • Cross-member for slewing ring support Appui du pivot • Supporto ralla • Soporte asiento de pista Suporte anel de giração • Рама ОПУ – опора	 3,10 m (L)  320 / 380 kg <sup>2)</sup>	 1,04 m (H) 0,80 m (B)
4	1	<b>Kabine mit Podest</b> • Cabin with platform • Cabine avec plate-forme Cabina con pedana • Cabina con plataforma • Cabina com plataforma Кабина с площадкой	 4,65 m (L)  1500 kg <sup>2)</sup>	 2,55 m (H) 1,85 m (B)
5	1	<b>Podest • Platform • Plateforme • Pedana • Plataforma</b> Plataforma • Площадкой	 4,25 m (L)  1200 kg <sup>2)</sup>	 1,50 m (H) 2,95 m (B)
6	1	<b>Drehwerks-Podest</b> • Slewing gear platform • Plate-forme des méc. d'orientation Piattaforma del gruppo di rotazione • Soporte del motor de giro Suporte do motor de giração • Площадка для поворотного механизма	 2,70 m (L)  400 kg <sup>2)</sup>	 1,35 m (H) 1,30 m (B)
7	1	<b>Turm Spitze</b> • Tower head section • Porte-flèche • Testa porta-braccio Cabeza de torre • Cabeça de armação de lança • Оголовок башни	 12,20 m (L)  9350 kg <sup>2)</sup>	 1,40 m (H) 2,60 m (B)

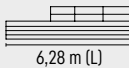
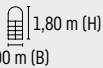

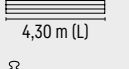
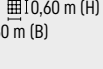

P<sub>1</sub> = Position • Item • Position • Posizione • Posición • Posição • Положение    A<sub>1</sub> = Anzahl • Quantity • Nombre • Numero • Cantidad • Número • Количество

<sup>2)</sup> Einzelgewichte • Single weights • Poids individuels • Singoli pesi • Tramo punta de pluma • Pesos de peças componentes • Индивидуальный вес

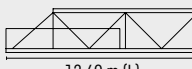
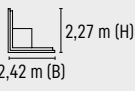



P <sub>1</sub>	A <sub>1</sub>	Beschreibung · Description · Description · Descrizione · Descripción · Descrição · Описание		
8	1	<b>Gegenausleger-Kopfstück</b> · Counter-jib head · Pointe de contre-flèche Testa di controbraccio · Tramo punta de contrapluma · Cabeça de contralança Концевая секция консоли противовеса	 10,85 m (L)	 1,70 m (H) 2,25 m (B)
			 6650 kg <sup>2)</sup>	
9	1	<b>Gegenausleger-Anlenkstück</b> · Counter-jib heel section · Pied de contre-flèche Settore articolato di controbraccio · Tramo primero-contrapluma Base articulada da contra-lança · Корневая секция консоли противовеса	 11,60 m (L)	 1,75 m (H) 2,40 m (B)
			 5150 kg <sup>2)</sup>	
10	1	<b>Gegenausleger-Zwischenstück</b> · Intermediate counter-jib section Élément interm. de contre-flèche · Spezzone di controbraccio Tramo intermedio de contrapluma · Peça suplementar da contra-lança Промежуточная секция консоли противовеса	 6,90 m (L)	 1,70 m (H) 2,25 m (B)
			 2600 kg <sup>2)</sup>	
11	1	<b>Schaltheus</b> · Switchgear cabinet · Armoire électrique · Sala quadri Armario eléctrico · Armário elétrico · Шкаф управления	 4,10 m (L)	 2,55 m (H) 2,10 m (B)
			 3500 kg <sup>2)</sup>	
12	1	<b>Ausleger-Anlenkstück</b> · Jib heel section · Pied de flèche Sezione articolata braccio · Pluma tramo primero Base articulada de lança · Корневая секция стрелы	 12,10 m (L)	 2,75 m (H) 1,85 m (B)
			 6700 kg <sup>2)</sup>	
13		<b>Ausleger-Zwischenstück</b> · Intermediate jib section Élément intermédiaire de flèche · Sezione intermedia braccio Tramo intermedio pluma · Peça suplementar da lança Промежуточная секция стрелы	 L	 H B
	1		 5400	12,10 (L) · 1,85 (B) · 2,35 (H)
	1		 5580	12,00 (L) · 1,85 (B) · 2,30 (H)
	1		 4160	12,00 (L) · 1,85 (B) · 2,30 (H)
	1		 2230	6,30 (L) · 1,85 (B) · 2,30 (H)
	1		 4900	12,15 (L) · 1,85 (B) · 2,30 (H)
	1		 3140	12,05 (L) · 1,85 (B) · 2,30 (H)
14	1	<b>Ausleger-Kopfstück</b> · Jib head section · Pointe de flèche · Punta braccio Tramo punta de pluma · Cabeça de lança · Концевая секция стрелы	 6,90 m (L)	 2,55 m (H) 1,85 m (B)
			 1830 kg <sup>2)</sup>	
15	1	<b>Laufkatze</b> · Trolley · Chariot de distribution · Carrello · Carrito Carro de ponte · Грузовая тележка	 L	 H B
			 930	4,80 (L) · 1,50 (B) · 2,20 (H)
			 880	4,80 (L) · 1,50 (B) · 2,20 (H)
16	1	<b>Lasthaken</b> · Load hook · Crochet de levage · Gancio · Gancho Gancho · Грузовой крюк	 3,60 m (L)	 1,70 m (H) 1,00 m (B)
			 2320 kg <sup>2)</sup>	
17	1	<b>Hubwerkseinheit (110 kW)</b> · Hoist gear unit · Treuil de levage Gruppo meccanismo sollevamento · Mecanismo de elevación Grupo de mecanismo elevatório · Блок грузовой лебедки	 3,60 m (L)	 1,50 m (H) 2,15 m (B)
			 7900 kg <sup>2)</sup>	
18	1	<b>Ausleger-Abspannbock</b> · Jib gantry · Chevalet de haubange de flèche Tirante braccio · Caballete de pluma · Cavalete de lança Опора расчала стрелы I	 8,25 m (L)	 1,41 m (H) 0,35 m (B)
			 1210 kg <sup>2)</sup>	


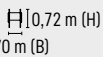


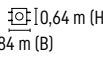


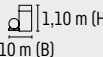


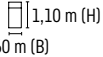

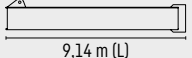
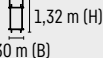

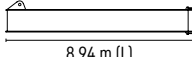
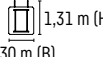

## Turm · Tower · Mât · Torre · Torre · Torre · Башня

P <sub>1</sub>	A <sub>1</sub>	Beschreibung · Description · Description · Descrizione · Descripción · Descrição · Описание		
19	12	<b>Turmstück</b> · Tower section · Élément de mât · Elemento di torre Tramo torre · Torre · Башенная секция	 6,28 m (L)	 1,80 m (H) 1,00 m (B)
			 5900 kg <sup>2)</sup>	
			 4,30 m (L)	 1,60 m (H) 0,60 m (B)
			 3900 kg <sup>2)</sup>	

## Klettereinrichtung · Climbing equipment · Equipement de télescopage · Attrezzatura per allungamento della gru Equipo de trepado · Acesórios p. subida no edifício · Обойма наращивания



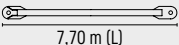
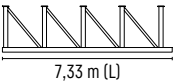
P <sub>1</sub>	A <sub>1</sub>	Beschreibung · Description · Description · Descrizione · Descripción · Descrição · Описание				
20	4	<b>Führungsstück, geteilt</b> · Guide section, split · Cage télescopique, dévisée Gabbia di sopraelevazione, suddivisa · Torre de montaje, dividida Peça de guia, subdividida · Направляющая секция, разъемная	 12,40 m (L)	 2,27 m (H) 2,42 m (B)		
			 3750 kg <sup>2)</sup>			
21	1	<b>Hydraulikanlage, Stütz- und Klettertraverse</b> · Hydraulic unit, supporting and climbing crossmembers · Système hydraul. avec traverses d'appui et de télescop. · Sist. idraul., traversa di appoggio e allugam. gru · Sistema hidráulico con traviesa de apoyo y trepado · Instalação hidráulica, travessa de apoio e subida · Гидроагрегат, стойка-упор и траверса обоймы наращивания	<b>L (m)</b> 3,80	<b>B (m)</b> 1,00	<b>H (m)</b> 1,10	<b>kg<sup>2)</sup></b> 3360

## Unterwagen · Undercarriage · Châssis · Carro · Carro con mástil · Carro de guindaste · Опорная рама

P <sub>1</sub>	A <sub>1</sub>	Beschreibung · Description · Description · Descrizione · Descripción · Descrição · Описание		
22	4	<b>Ausgleichsschwinge mit Schwingenlager</b> · Pivot for wheel box Chape pour bogie · Bilanciere di equilibratura con cuscinetto bilanciere Balancin · Balancim com suporte · Балансир с шарнирной опорой	 2,65 m (L)	 0,72 m (H) 0,70 m (B)
			 2600 kg <sup>2)</sup>	
23	4	<b>Schwingen-Hauptlager</b> · Gudgeon · Logement principal du balancier Cuscinetto principale oscillante · Cojinete oscilante · Rolamento oscilante Основная поворотная опора	 1,55 m (L)	 0,64 m (H) 0,84 m (B)
			 1250 kg <sup>2)</sup>	
24	4	<b>Fahrschemel mit Antrieb</b> · Rail bogie with drive · Bogie moteu Telajo con gruppa propulsore · Caja rodillo motriz Quadra sem grupa de propulsão · Подрамник с приводом	 2,20 m (L)	 1,10 m (H) 1,10 m (B)
			 2200 kg <sup>2)</sup>	
25	4	<b>Fahrschemel ohne Antrieb</b> · Rail bogie without drive · Bogie fou Telajo senza gruppa propulsore · Caja rodillo conducido Quadra com grupa de propulsão · Подрамник без привода	 1,90 m (L)	 1,10 m (H) 0,60 m (B)
			 1700 kg <sup>2)</sup>	
26	1	<b>Tragholm lang</b> · Long support arm · Longeron long · Longherone lungo Brazo soporte largo · Travessa comprida · Несущая балка, длинная	 9,14 m (L)	 1,32 m (H) 1,30 m (B)
			 3700 kg <sup>2)</sup>	
27	2	<b>Tragholm kurz</b> · Short support arm · Longeron court · Longherone corto Brazo soporte corto · Travessa curta · Несущая балка, короткая	 8,94 m (L)	 1,31 m (H) 1,30 m (B)
			 3400 kg <sup>2)</sup>	

P<sub>1</sub> = Position · Item · Position · Posizione · Posición · Posição · Положение    A<sub>1</sub> = Anzahl · Quantity · Nombre · Numero · Cantidad · Número · Количество

<sup>2)</sup> Einzelgewichte · Single weights · Poids individuels · Singoli pesi · Tramo punta de pluma · Pesos de peças componentes · Индивидуальный вес

P <sub>1</sub>	A <sub>1</sub>	Beschreibung · Description · Description · Descrizione · Descripción · Descrição · Описание					
28	4	<b>Strebe</b> · Strut · Entretroise · Puntone · Tirante · Tirante · Распорка		3,43 m (L)	0,56 m (B)	0,10 m (H)	150 kg <sup>2)</sup>
29	4	<b>Randträger</b> · Border support · Traverse · Supporti base · Traviesa Apoio de bordo · Стяжная балка		11,20 m (L)	0,18 m (H)	0,22 m (B)	700 kg <sup>2)</sup>
30	4	<b>Stützholm</b> · Support strut · Hauban de châssis · Correnti di appoggio Tirante vertical · Travessa de apoio · Опорный подкос		7,70 m (L)	10,50 m (H)	0,46 m (B)	1600 kg <sup>2)</sup>
31	1	<b>Unterswagen-Turmstück, 4 Teile</b> · Undercarriage tower section, 4 pcs. Mât de châssis, 4 pcs. · Elemento di torre del carro, 4 pcs. Tramo de carro, 4 pcs. · Peça de torre do chassis, 4 pcs. Опорная башенная секция, 4 части		7,33 m (L)	2,40 m (H)	2,40 m (B)	2900 kg <sup>2)</sup>
32	1	<b>Kleinteile, Seile und Abspannungen</b> · Small parts, ropes and holding bars Accessoires, câbles et tirants · Accessori, funi e attrezzi di ancoraggio Despieces, cables y tirantes · Acessórios, cabos e peças de ancoragem Мелкие детали, Канаты и Пристезжки	<b>L (m)</b>	<b>B (m)</b>	<b>H (m)</b>	<b>kg<sup>2)</sup></b>	
			2,00	1,00	1,00	2500	

**Sämtliche Angaben erfolgen ohne Gewähr.**

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