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# 53 K

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EN 14439:2009 - C25  
Technical Data

**LIEBHERR**

Tower Cranes

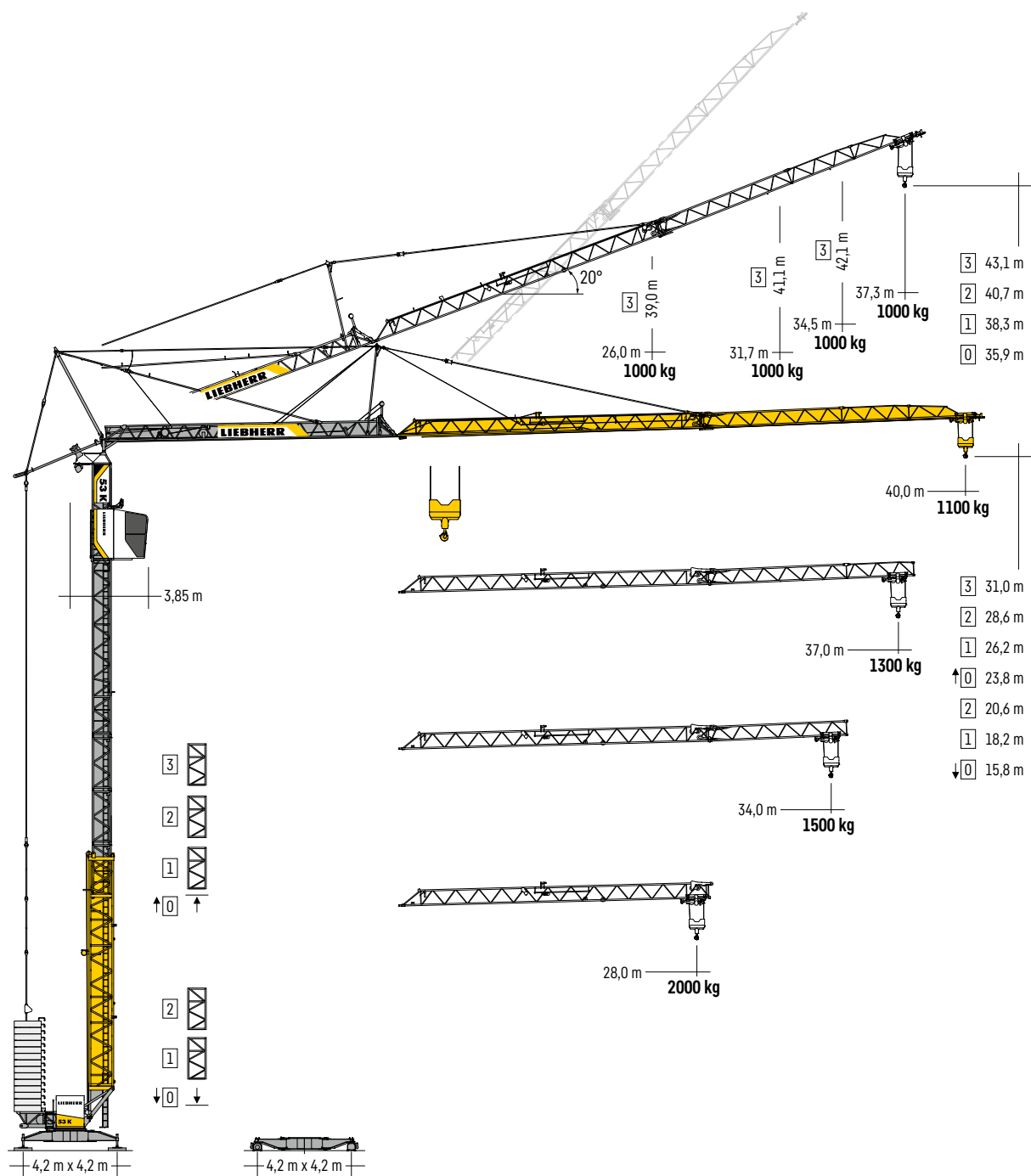
CE | UK  
CA

**53 K**

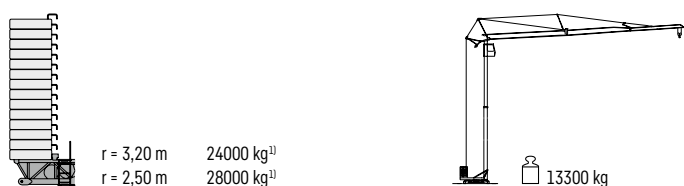
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<b>Kranbetrieb und Transport</b> · Crane operation and transport Exploitation de la grue et transport · Funzionamento della gru e trasporto Accionamiento de grúa y transporte · Operação e transporte de guindastes Эксплуатация крана и транспортировка .....	<b>04</b>
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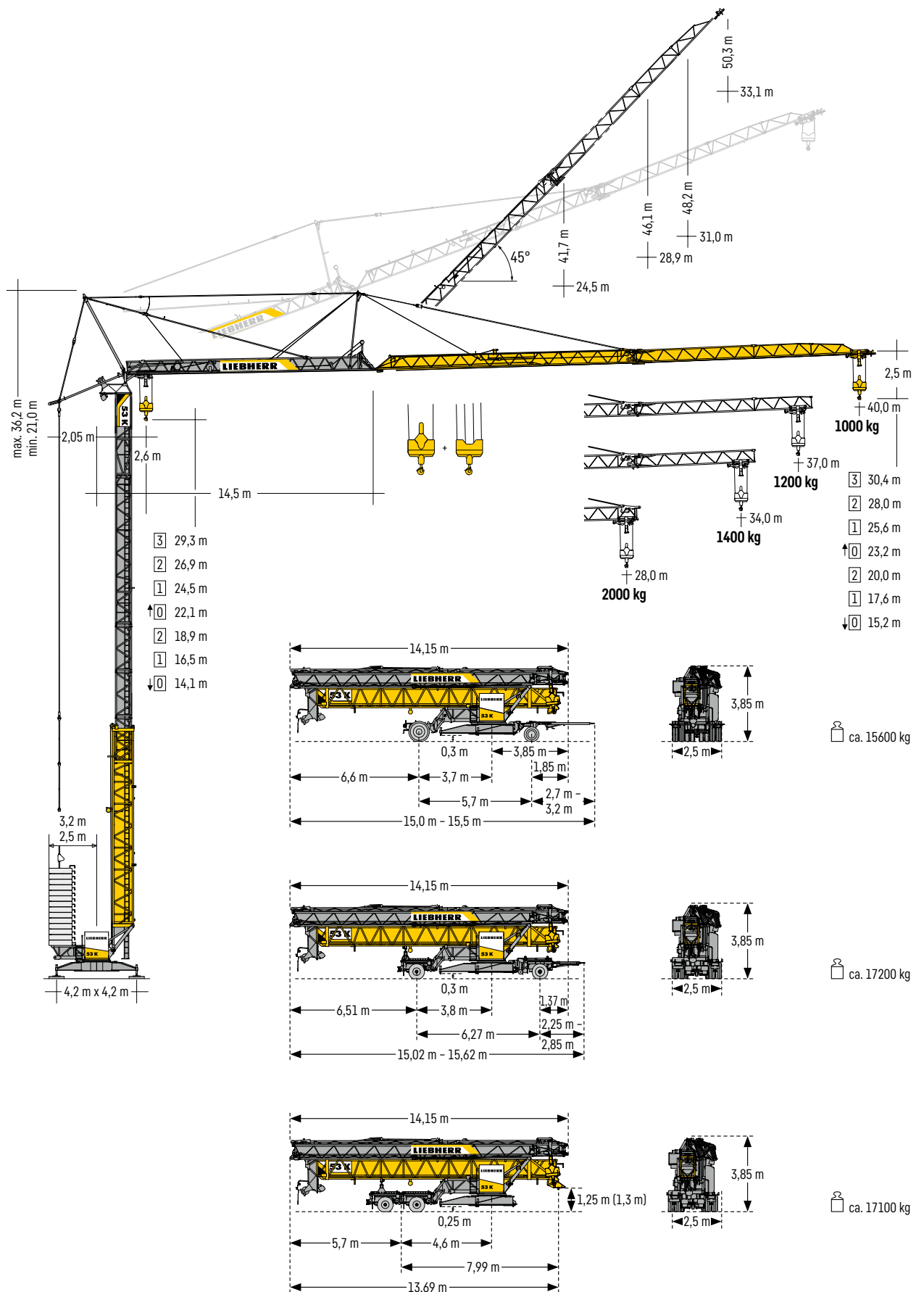
**Kranbetrieb und Transport** · Crane operation and transport · Exploitation de la grue et transport · Funzionamento della gru e trasporto · Accionamiento de grúa y transporte · Operação e transporte de guindastes · Эксплуатация крана и транспортировка



**Gewichte** · Weights · Poids · Pesi · Pesos · Pesos · Macca




<sup>1)</sup> Siehe Betriebsanleitung · See instruction manual · Voir manuel de service · Vedi manuale d'istruzione · Ver manual de instrucción · Ver manual de instruções · См. инструкцию по эксплуатации.




# Ausladung und Tragfähigkeit · Radius and capacity · Portée et charge · Sbraccio e portata Alcances y cargas · Alcance e capacidade de carga · Вылет и грузоподъемность


## Auslegerstellung 0° · Jib position 0° · Position de flèche 0° · Posizione del braccio 0° Posición de la pluma 0° · Posição da lança 0° · Положение стрелы 0°

m			m																				
			14,0	16,0	18,0	20,0	22,0	24,0	26,0	28,0	29,0	30,0	31,0	32,0	33,0	34,0	35,0	36,0	37,0	38,0	39,0	40,0	
40,0	2,6 - 24,4	2000	2000						1850	1700	1630	1560	1500	1450	1390	1340	1300	1250	1210	1170	1140	1100	
37,0	2,6 - 25,8	2000	2000						1980	1820	1740	1670	1610	1550	1490	1440	1390	1340	1300				
34,0	2,6 - 26,7	2000	2000						1890	1810	1740	1680	1610	1550	1500								
28,0	2,6 - 28,0	2000	2000																				


  

m			m																				
			14,0	16,0	18,0	20,0	22,0	24,0	26,0	28,0	29,0	30,0	31,0	32,0	33,0	34,0	35,0	36,0	37,0	38,0	39,0	40,0	
40,0	2,6 - 23,6	2000	2000						1960	1770	1610	1540	1470	1410	1350	1300	1250	1200	1160	1110	1070	1040	1000
37,0	2,6 - 24,9	2000	2000						1900	1730	1650	1580	1520	1450	1400	1340	1290	1250	1200				
34,0	2,6 - 25,7	2000	2000						1970	1800	1720	1650	1580	1520	1460	1400							
28,0	2,6 - 28,0	2000	2000																				

m			m																			
			14,0	16,0	18,0	20,0	22,0	24,0	26,0	28,0	29,0	30,0	31,0	32,0	33,0	34,0	35,0	36,0	37,0	38,0	39,0	40,0
40,0	2,6 - 13,1	4200	3850	3270	2830	2480	2200	1970	1780	1620	1550	1480	1420	1360	1300	1250	1200	1160	1120	1080	1040	1000
37,0	2,6 - 13,7	4200	4090	3480	3010	2640	2350	2110	1900	1730	1660	1590	1520	1460	1400	1340	1290	1250	1200			
34,0	2,6 - 14,1	4200	4200	3600	3120	2740	2440	2190	1980	1800	1720	1650	1580	1520	1460	1400						
28,0	2,6 - 15,3	4200	4200	3970	3440	3030	2690	2420	2190	2000												

## Auslegerstellung 20° · Jib position 20° · Position de flèche 20° · Posizione del braccio 20° Posición de la pluma 20° · Posição da lança 20° · Положение стрелы 20°

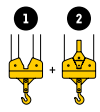
m			m																
			14,0	16,0	18,0	20,0	22,0	24,0	26,0	28,0	29,0	30,0	31,0	31,7	32,0	33,0	34,0	34,5	35,0
40,0	2,6 - 37,3	1000	1000																
37,0	2,6 - 34,5	1000	1000																
34,0	2,6 - 31,7	1000	1000																
28,0	2,6 - 26,0	1000	1000																

<sup>2)</sup> Serie · Series · Série · Serie · Serie · Série · Серия

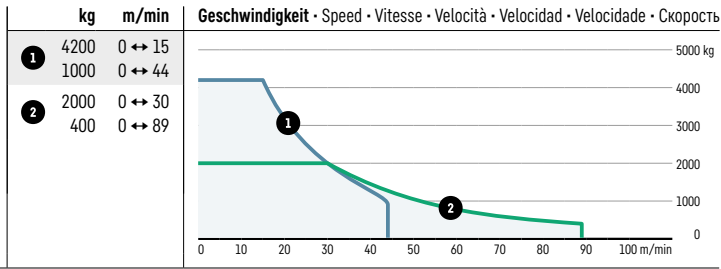
<sup>3)</sup> Option mit 20° Steilstellung · Option with 20° luffed position · Option avec relevage à 20° · Opzione con impennamento a 20°  
Opción pluma inclinada a 20° · Opcional com lança inclinada 20° · Опция с положением стрелы под углом 20°

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

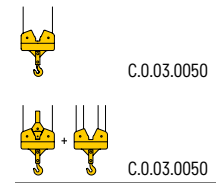
**11 kW FU**



↔  
**stufenlos** · stepless  
régl. continu · régl. progressive  
sin escalones · sem degraus  
бесступенчатый

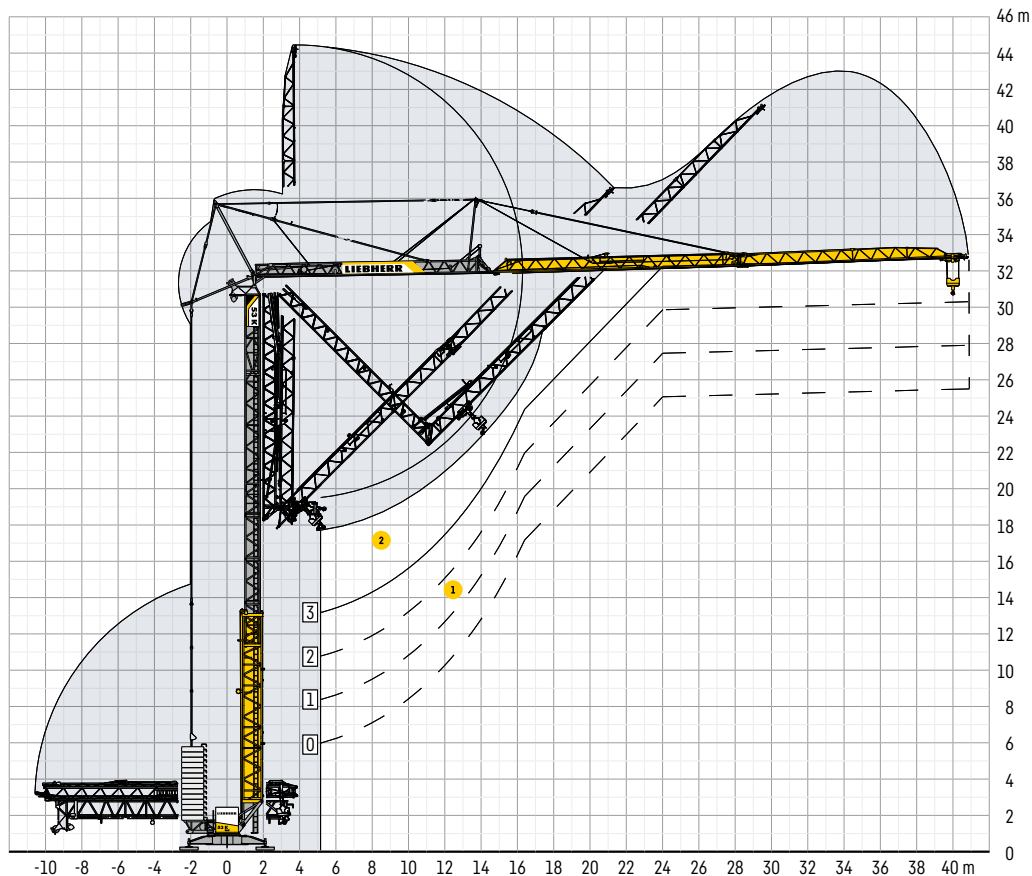


**BGL**



0 ↔ 0,9 U/min · sl./min · tr./min 3,0 kW FU	0 ↔ 51 m/min 2,2 kW FU <sup>2)</sup>	0 ↔ 52 m/min 3,0 kW FU <sup>3)</sup>	0 ↔ 25 m/min 2 x 2,2 kW FU	0 – 45°, 95 sec. 2,0 kW	380 – 440 V	50 – 60 Hz
						16,0 kVA (FU)

**Aufstellvorgang** · Erection procedure · Déroulement de montage · Procedimento di montaggio  
Procedimiento de montaje · Sistema de montaje · Процесс развертывания



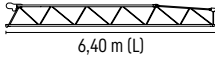
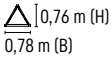
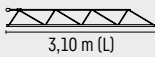
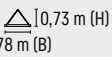
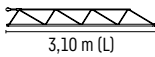
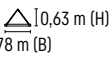
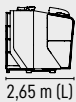
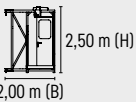
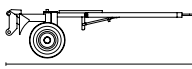


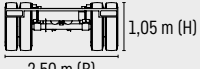
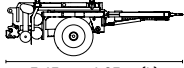
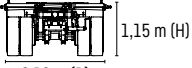

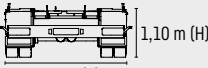

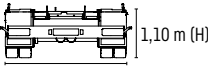


**1 Standard Aufstellkurven von 0 bis 3 Turmstücken**  
Standard erecting curves from 0 to 3 tower sections  
Courbes de montage standard de 0 à 3 éléments de mât  
Curve di montaggio standard con 0 fino a 3 elementi torre  
Curvas de montaje estándar (0 – 3 tramos de torre)  
Curvas padrão de montagem de 0 até 3 segmentos de torre  
Стандартная монтажная высота с 0 – 3 башенными секциями

**2 Erhöhte Aufstellkurve (+4,5 m) am Beispiel von 3 Turmstücken**  
Elevated erecting curve (+4,5 m) using the example of 3 tower sections  
Courbe de montage élevée (+4,5 m) en prenant pour exemple 3 éléments de mât  
Elevata curva di montaggio (+4,5 m), come per esempio con 3 elementi di torre  
Curva de montaje elevada (+4,5 m): ejemplo con 3 tramos  
Curva elevada de montagem (+4,5 m) como exemplo para 3 segmentos de torre  
Увеличенная монтажная высота (+4,5 м) на примере 3-ти башенных секций

# Kolli-Liste - Packing List - Liste de colisage - Lista dei colli - Lista de contenido

## Lista de embalagem - Упаковочный лист

P <sub>1</sub>	A <sub>1</sub>	Beschreibung - Description - Description - Descrizione - Descripción - Descrição - Описание				
1 2	2 1*	<b>Turmstück (ohne/mit Turmauflage)</b> - Tower section (without/with tower support) - Élément de mât (sans/avec support de mât) Elemento di torre (senza/con pedana di servizio) - Tramo de torre (sin/con soporte de torre) - ramo de torre (sem/com suporte de torre) Башенная секция (без/с опорными выступами)				
			L (m)	B (m)	H (m)	kg
			2,50 2,50	0,86 0,86	0,86 0,86	400 550*
3	1	<b>Ausleger-Verlängerung 28,0 m - 34,0 m</b> - Jib extension Rallonge de la flèche - Elemento estensione braccio Prolongación de pluma - Extensão da lança - Удлинение стрелы				
			6,40 m (L)		0,76 m (H) 0,78 m (B)	
						250 kg
4	1	<b>Ausleger-Verlängerung 34,0 m - 37,0 m</b> - Jib extension Rallonge de la flèche - Elemento estensione braccio Prolongación de pluma - Extensão da lança - Удлинение стрелы				
			3,10 m (L)		0,73 m (H) 0,78 m (B)	
						90 kg
5	1	<b>Ausleger-Verlängerung 37,0 m - 40,0 m</b> - Jib extension Rallonge de la flèche - Elemento estensione braccio Prolongación de pluma - Extensão da lança - Удлинение стрелы				
			3,10 m (L)		0,63 m (H) 0,78 m (B)	
						70 kg
6	1	<b>Kabine</b> - Cabin - Cabine - Cabina - Cabina - Кабина				
			2,65 m (L)		2,50 m (H) 2,00 m (B)	
						900 kg
7	1	<b>Transportachse vorne</b> - Road transport axle front Essieux de transport avant - Asse di trasporto anteriore Eje delantero para transporte - Eixo de transporte dianteiro Транспортировочная ось, передняя				
			L (m)	B (m)	H (m)	kg
		Tra 100 KY 2	3,65			750
		Tra 100 KY 6	-	1,45	1,10	920
		Tra 100 KY 6 A	4,15			920
8	1	<b>Transportachse hinten</b> - Road transport axle behind Essieux de transport arrière - Asse di trasporto posteriore Eje trasero para transporte - Eixo de transporte traseiro Транспортировочная ось, задняя				
		Tra 120 GY 1 A Tra 120 GY 1	1,90 m (L)		1,05 m (H) 2,50 m (B)	
						1100 kg
9	1	<b>Transportachse vorne LiTRAX HS-121</b> - Road transport axle front Essieux de transport avant - Asse di trasporto anteriore Eje delantero para transporte - Eixo de transporte dianteiro Транспортировочная ось, передняя				
			3,65 m - 4,25 m (L)		1,15 m (H) 2,10 m (B)	
						1900 kg
10	1	<b>Transportachse hinten LiTRAX HS-122 (ohne Lenkung)</b> - Road transport axle behind (without steering) Essieux de transport arrière (sans direction) Asse di trasporto posteriore (senza sterzo) - Eje trasero para transporte (sin sistema de dirección) - Eixo de transporte traseiro (sem esterço) Транспортировочная ось, задняя (без управления)				
			1,95 m (L)		1,10 m (H) 2,50 m (B)	
						1600 kg
11	1	<b>Transportachse hinten LiTRAX HS-123 (mit Lenkung)</b> - Road transport axle behind (with steering) Essieux de transport arrière (avec direction) Asse di trasporto posteriore (con sterzo) - Eje trasero para transporte (con sistema de dirección) - Eixo de transporte traseiro (com esterço) Транспортировочная ось, задняя (с управлением)				
			1,95 m (L)		1,10 m (H) 2,50 m (B)	
						1700 kg

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

### Sämtliche Angaben erfolgen ohne Gewähr.

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