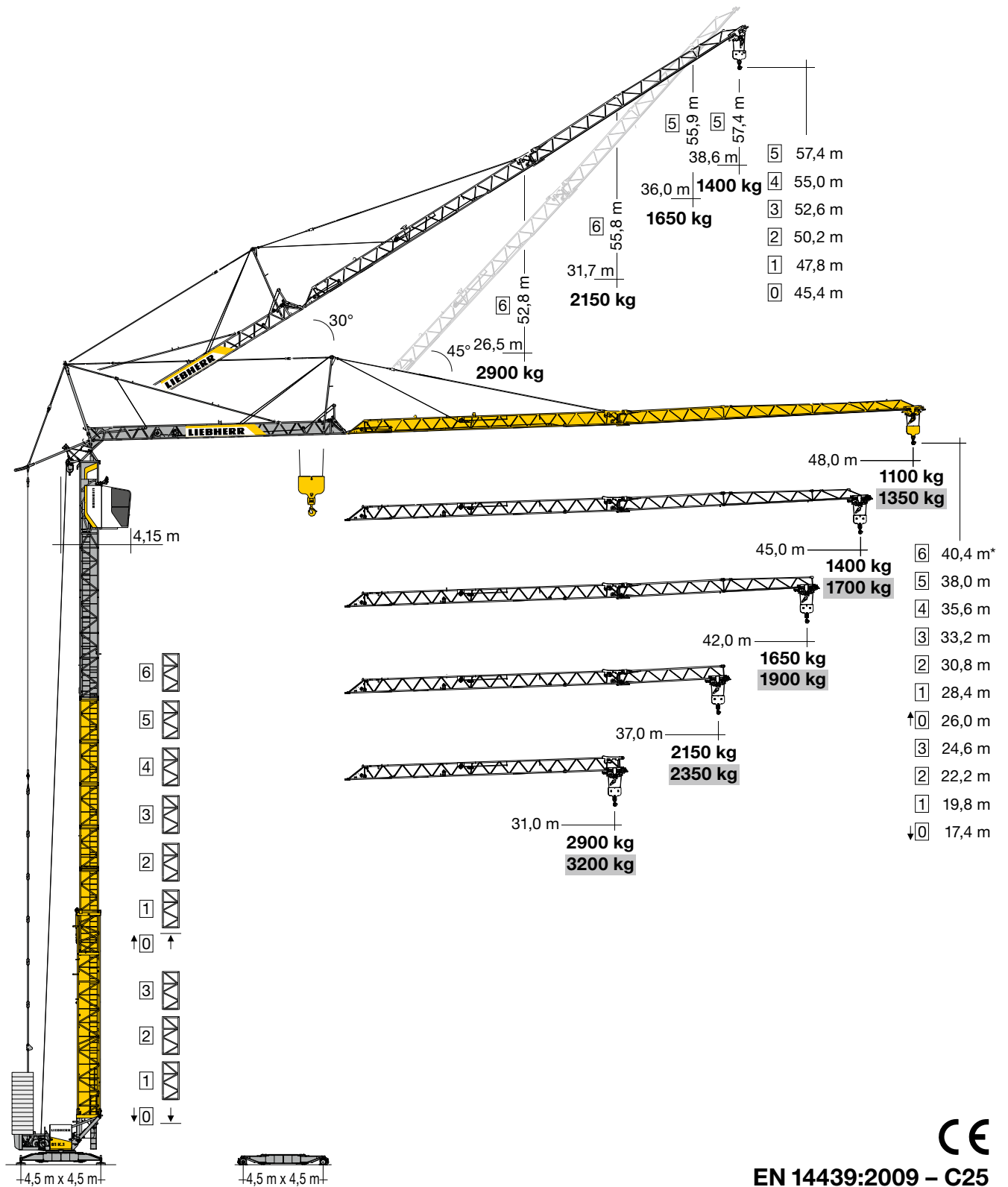


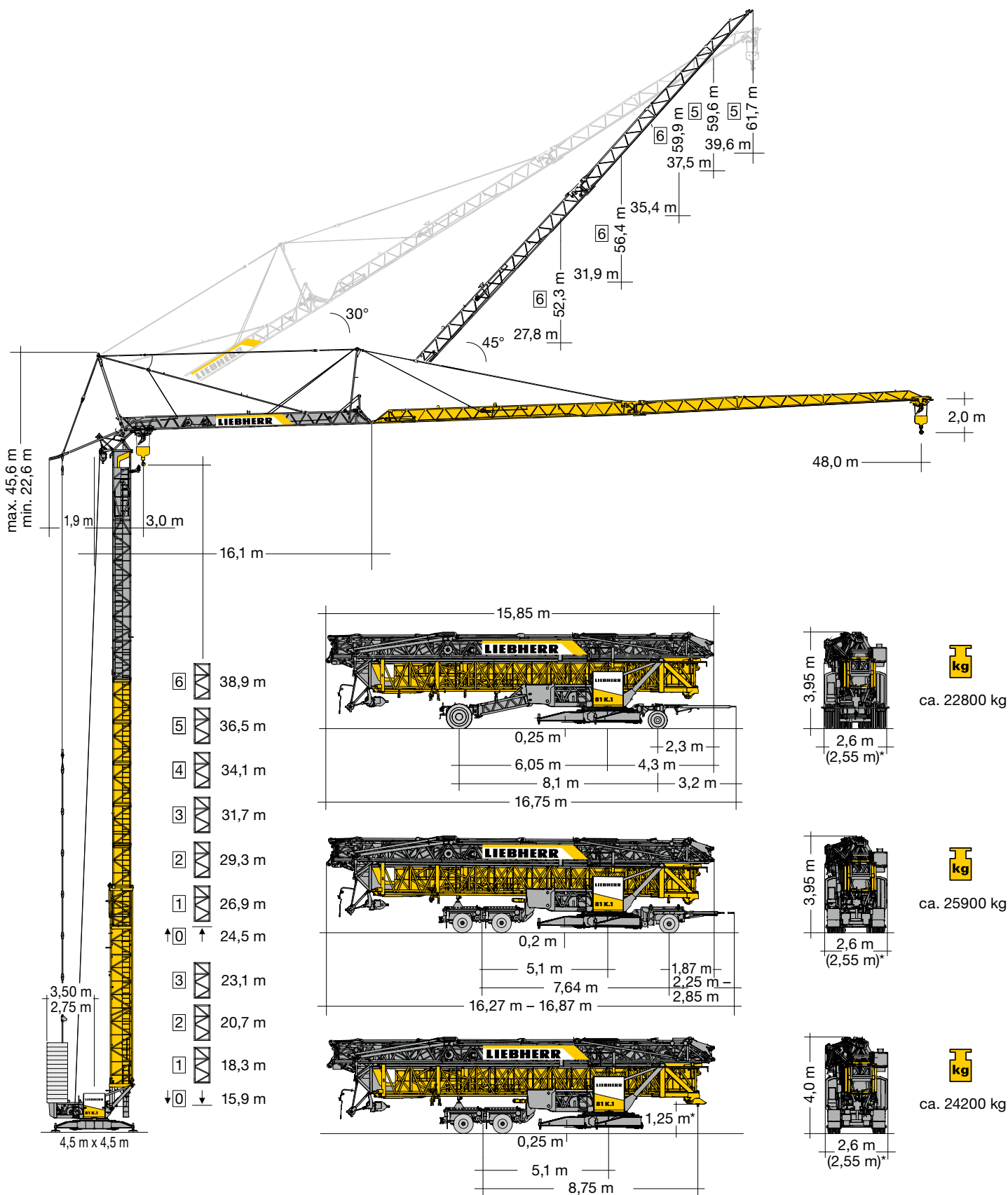
Turmdrehkran 81 K.1

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



EN 14439:2009 – C25

LIEBHERR



Gewicht

Weight/Poids/Peso/Peso/Pesos/Macca

	r = 3,50 m r = 2,75 m 35000 kg* 40000 kg*	20300 kg
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* 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

		m/kg													Load-Plus		
m	m/kg	12,0	15,0	18,0	21,0	23,0	25,0	27,0	29,0	31,0	33,0	35,0	37,0	40,0	42,0	45,0	48,0
48,0	3,0 – 12,0 6000	6000	4830	4030	3440	3120	2860	2630	2430	2260	2110	1970	1850	1690	1590	1460	1350
45,0	3,0 – 13,3 6000	6000	5360	4500	3870	3530	3240	2990	2770	2580	2410	2260	2130	1950	1840	1700	
42,0	3,0 – 14,1 6000	6000	5640	4710	4030	3670	3370	3100	2870	2670	2500	2340	2200	2010	1900		
37,0	3,0 – 15,1 6000	6000	6000	5040	4310	3930	3600	3320	3070	2860	2670	2500	2350				
31,0	3,0 – 16,3 6000	6000	6000	5470	4720	4320	3980	3690	3430	3200							

		LM 1																
		m/kg																
m	m/kg	12,0	15,0	18,0	21,0	23,0	25,0	27,0	29,0	31,0	33,0	35,0	37,0	40,0	42,0	45,0	48,0	
48,0	3,0 – 12,0 6000	6000	4620	3730	3110	2790	2530	2300	2110	1940	1800	1670	1550	1410	1320	1200	1100	
45,0	3,0 – 13,3 6000	6000	5220	4230	3540	3180	2890	2640	2420	2230	2070	1920	1800	1630	1530	1400		
42,0	3,0 – 14,1 6000	6000	5570	4520	3790	3410	3090	2820	2590	2400	2220	2070	1930	1750	1650			
37,0	3,0 – 15,1 6000	6000	6000	4930	4150	3740	3400	3110	2870	2650	2460	2300	2150					
31,0	3,0 – 16,3 6000	6000	6000	5370	4520	4080	3710	3400	3130	2900								

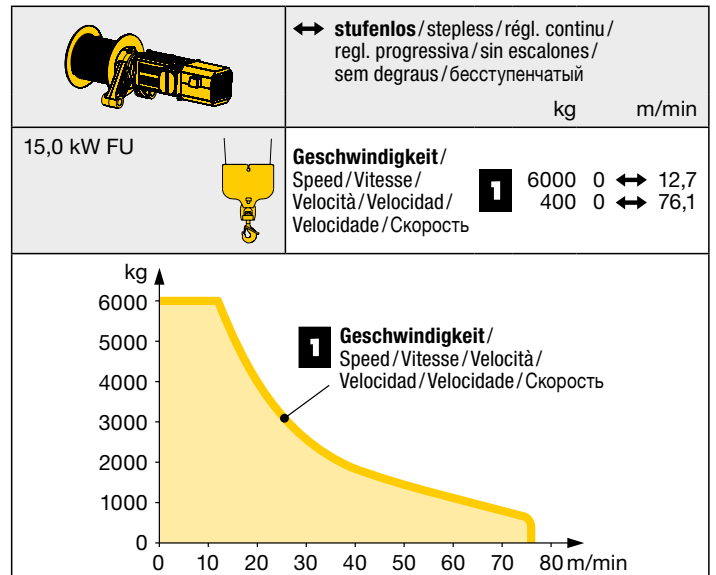
m	 m/kg	Auslegersteilstellung 30°/Elevated jib 30°/Flèche inclinée 30°/Braccio inclinato a 30° / Pluma inclinada 30°/Lança inclinada 30°/Положение стрелы под углом 30°															
		12,0	14,0	16,0	18,0	20,0	22,0	25,0	26,5	28,0	30,0	31,7	33,0	35,0	36,0	37,0	38,6
45,0	3,0 – 15,8 3000	3000	3000	2970	2730	2520	2340	2100	2000	1900	1790	1700	1640	1550	1500	1460	1400
42,0	3,0 – 17,7 3000	3000	3000	3000	2960	2740	2540	2290	2180	2080	1960	1860	1790	1700	1650		
37,0	3,0 – 21,2 3000	3000	3000	3000	3000	3000	2910	2630	2510	2400	2260	2150					
31,0	3,0 – 25,3 3000	3000	3000	3000	3000	3000	3000	3000	2900								

Antriebe

Driving units/Mécanismes d'entraînement/Meccanismi/Mecanismos/Mecanismos/Приводы

	U/min 0 ↔ 0,8 sl./min tr./min	5,0 kW FU
	0 ↔ 60,0 m/min	3,0 kW FU
	0 ↔ 25,0 m/min	2 x 2,2 kW FU
	0 – 45°, 110 sec.	3,0 kW FU

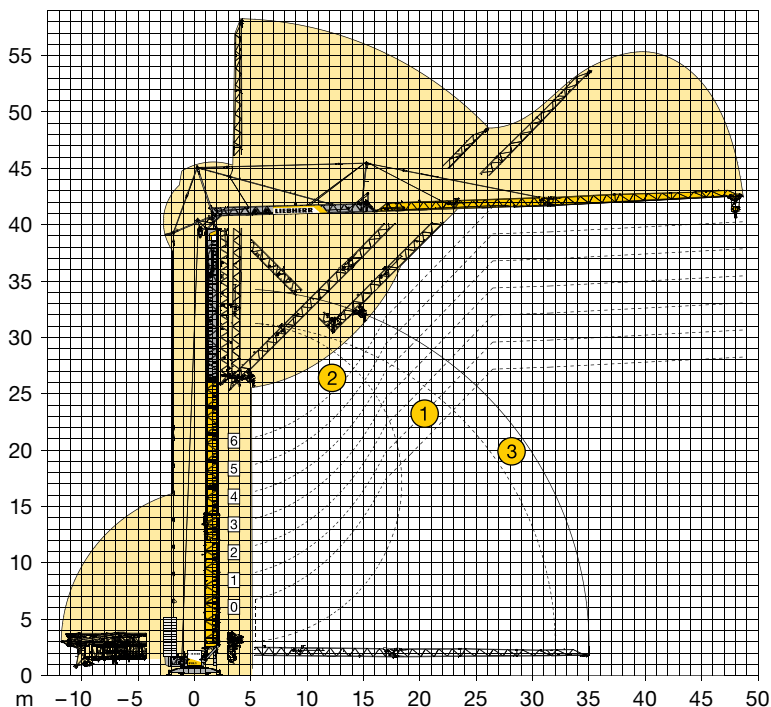
BGL		C.0.03.0080
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	380 V – 480 V	50 Hz/60 Hz	22,0 kVA (FU)
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Load-Plus = Abweichende Geschwindigkeiten und Betriebsbedingungen./Variant speeds and service conditions./Vitesses et conditions de fonctionnement différentes./
Differenti velocità e condizioni di funzionamento./Otras velocidades y características de funcionamiento./Outras velocidades e características de funcionamento./
Нестандартные скорости и условия эксплуатации.

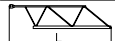
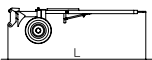
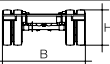
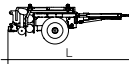
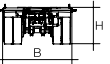
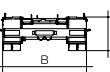
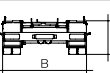
- 1 **Standard Aufstellkurven von 0 bis 6 Turmstücken (45 m)/**
Standard erecting curves from 0 to 6 tower sections (45 m)/
Courbes de montage standard de 0 à 6 éléments de mât (45 m)/
Curve di montaggio standard con 0 fino a 6 elementi torre (45 m)/
Curvas de montaje estándar (0 – 6 tramos de torre) (45 m)/
Curvas padrão de montagem de 0 até 6 segmentos de torre (45 m)/
Стандартная монтажная высота с 0 – 6 башенными секциями (45 м)
- 2 **Erhöhte Aufstellkurve (+4,5 m) am Beispiel von 6 Turmstücken (45 m)/**
Elevated erecting curve (+4.5 m) using the example of 6 tower sections (45 m)/
Courbe de montage élevée (+4,5 m) en prenant pour exemple 6 éléments de mât (45 m)/
Elevata curva di montaggio (+4,5 m), come per esempio con 6 elementi di torre (45 m)/
Curva de montaje elevada (+4,5 m): ejemplo con 6 tramos (45 m)/
Curva elevada de montagem (+4,5 m) como exemplo para 6 segmentos de torre (45 m)/
Увеличенная монтажная высота (+4,5 м) на примере 6-ти башенных секций (45 м)
- 3 **Aufstellkurve 48 m Ausladung/**
Erecting curve 48 m radius/
Courbe de montage 48 m portée/Curva di montaggio 48 m sbraccio/
Curva de montaje 48 m alcances/Curva de montagem 48 m alcance/
Увеличенная монтажная 48 м Вылет



Kolli-Liste

Packing List/Liste de colisage/Liste dei colli/
Lista de contenido/Lista de embalagem/Упаковочный лист

						L (m)	B (m)	H (m)	kg
Pos. Item	Anz. Qty.	Rep. Qte.	Voce Qta.	Pos. Cant.	Ref. Cant.				
Поз.	Кол-во								
1	4								
2	2*								
3	1								
4	1								
5	1								
5	1								
7	1								
8	1								
9	1								
10	1								
11	1								
12	1								

Turmstück (ohne / mit Turmauflage*) / 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*) / Tramo de torre (sem / com suporte de torre*) / Башенная секция (без / с опорными выступами)								2,50	1,10	1,10	500	
								2,50	1,10	1,10	600*	
Ausleger-Verlängerung 31,0 m – 37,0 m / Jib extension / Rallonge de la flèche / Elemento estensione braccio / Prolongación de pluma / Extensão da lança / Удлинение стрелы								6,20	0,87	0,84	320	
Ausleger-Verlängerung 37,0 m – 42,0 m / Jib extension / Rallonge de la flèche / Elemento estensione braccio / Prolongación de pluma / Extensão da lança / Удлинение стрелы								5,20	0,87	0,76	160	
Ausleger-Verlängerung 42,0 m – 45,0 m / Jib extension / Rallonge de la flèche / Elemento estensione braccio / Prolongación de pluma / Extensão da lança / Удлинение стрелы								3,10	0,87	0,61	80	
Ausleger-Verlängerung 42,0 m – 45,0 m / Jib extension / Rallonge de la flèche / Elemento estensione braccio / Prolongación de pluma / Extensão da lança / Удлинение стрелы								4,10	0,87	0,62	85	
Kabine / Cabin / Cabine / Cabina / Cabina / Cabina / Кабина								2,65	2,00	2,50	900	
Transportachse vorne / Road transport axle front / Essieux de trans- port avant / Asse di trasporto anteriore / Eje delantero para transpor- te / Eixo de transporte dianteiro / Транспортировочная ось, передняя						Tra 100 KY 6 Tra 100 KY 6 A			3,65 – 4,15	1,45	1,10	920 920
Transportachse hinten / Road transport axle behind / Essieux de trans- port arrière / Asse di trasporto posteriore / Eje trasero para transpor- te / Eixo de transporte traseiro / Транспортировочная ось, задняя						Tra 120 GY 1 A Tra 120 GY 1			1,90	2,50	1,05	1100
Transportachse vorne LiTRAX HS-121 / Road transport axle front / Essieux de transport avant / Asse di trasporto anteriore / Eje delantero para transpor- te / Eixo de transporte dianteiro / Транспортировочная ось, передняя									3,65 – 4,25	2,10	1,15	1900
Transportachse hinten LiTRAX HS-122 (ohne Lenkung) / 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	2,50	1,10	1600
Transportachse hinten LiTRAX HS-123 (mit Lenkung) / 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	2,50	1,10	1700