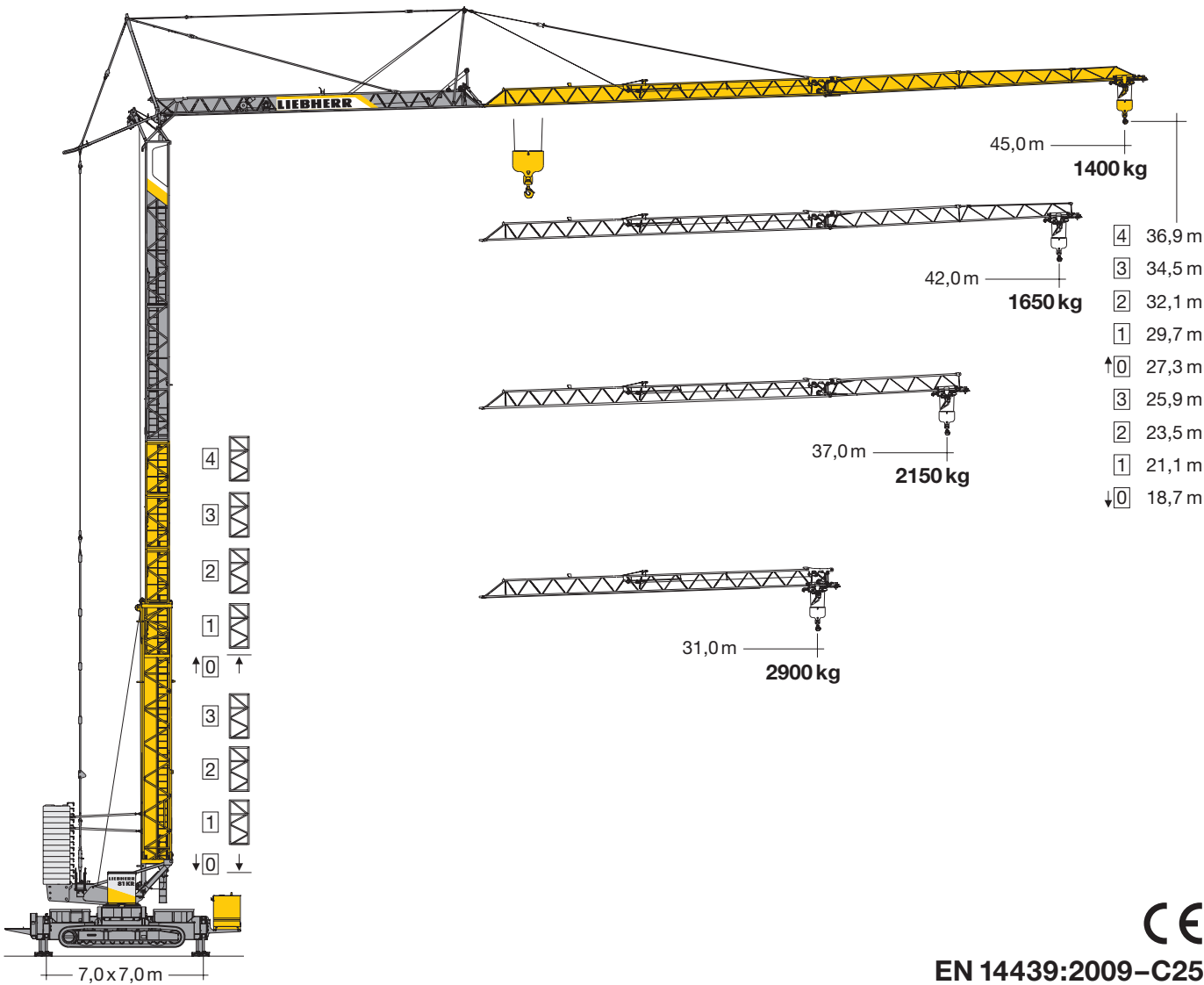




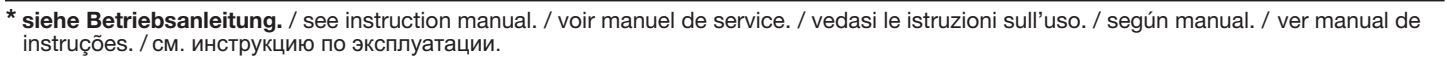
Turmdrehkran 81 KR

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



EN 14439:2009-C25

LIEBHERR





Ausladung und Tragfähigkeit

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

m	 m/kg	m/kg															
		13,0	15,0	18,0	21,0	24,0	27,0	29,0	31,0	33,0	35,0	37,0	39,0	41,0	42,0	44,0	45,0
45,0	3,0 – 13,3 6000	6000	5220	4230	3540	3030	2640	2420	2230	2070	1920	1800	1680	1580	1530	1440	1400
42,0	3,0 – 14,1 6000	6000	5570	4520	3790	3240	2820	2590	2400	2220	2070	1930	1810	1700	1650		
37,0	3,0 – 15,1 6000	6000	6000	4930	4150	3560	3110	2870	2650	2460	2300	2150					
31,0	3,0 – 16,3 6000	6000	6000	5370	4520	3890	3400	3130	2900								

Antriebe

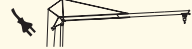
Driving units / Mécanismes d'entraînement / Meccanismi / Mecanismos / Mecanismos / Приводы


U/min.
0 ↔ 0,8 sl./min
tr./min

5,0 kW FU


0 ↔ 60,0 m/min

3,0 kW FU


380 – 500 V

Hz

kVA

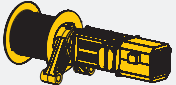
110,0 m 4 x 16 mm²

50/60

32,0


BGL

C.0.08.0080


↔ stufenlos / stepless / régl. continu
régl. progressive / sin escalones
sem degraus / бесступенчатый
kg m/min

15,0 kW FU
WIW 210 MZ 404


Gang
Speed
Vitesse
Marcia
Velocidad
Velocidade
Передача
1 6000 0 ↔ 12,0
400 0 ↔ 70,0


Hz

kVA

400 V / 3 ~

50

50

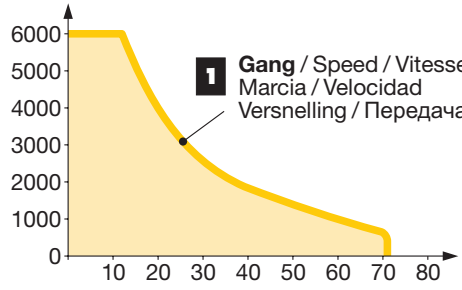

Hz

kVA

400 V / 3 ~
230 V

50
50

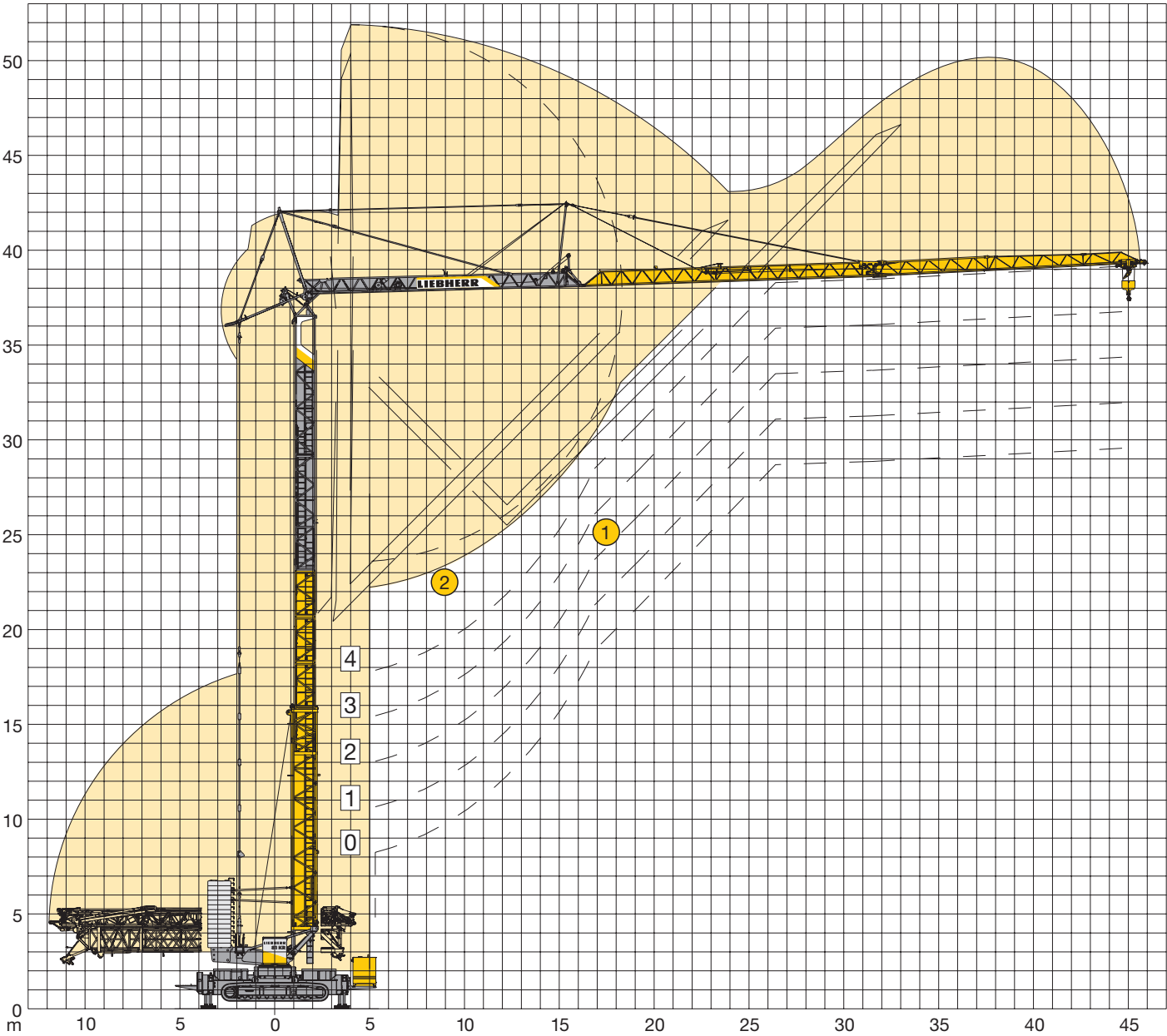
120,0 (159,0 A)
36,5 (159,0 A)





Aufstellvorgang

Erection procedure / Déroulement de montage / Procedimento di montaggio
Procedimiento de montaje / Sistema de montagem / Процесс развертывания



① **Standard Aufstellkurven von 0 bis 4 Turmstücken** / Standard erecting curves from 0 to 4 tower sections / Courbes de montage standard de 0 à 4 éléments de mât / Curve di montaggio standard con 0 fino a 4 elementi torre / Curvas de montaje estándar (0-4 tramos de torre) / Curvas padrão de montagem de 0 até 4 segmentos de torre / Стандартная монтажная высота с 0-4 башенными секциями

② **Erhöhte Aufstellkurve (+4,5 m) am Beispiel von 4 Turmstücken** / Elevated erecting curve (+4.5 m) using the example of 4 tower sections / Courbe de montage élevée (+4,5 m) en prenant pour exemple 4 éléments de mât / Elevata curva di montaggio (+4,5 m), come per esempio con 4 elementi di torre / Curva de montaje elevada (+4,5 m): ejemplo con 4 tramos / Curva elevada de montagem (+4,5 m) como exemplo para 4 segmentos de torre / Увеличенная монтажная высота (+4,5 м) на примере 4-ти башенных секций



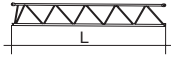
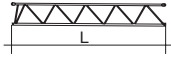
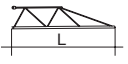
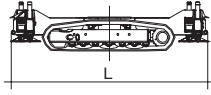
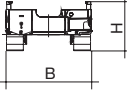
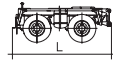
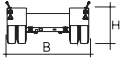
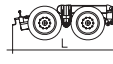
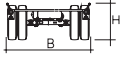
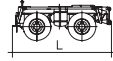
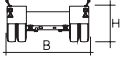
Geländegängigkeit

Off-road capability / Aptitude en tout terrain / Idoneità al fuoristrada / Aptitud de marcha sobre toda clase de terrenos / Capacidade de funcionamento sobre todo o tipo de terrenos / Повышенная проходимость

	30,0 %	16,0 %	14,0 %	11,0 %	9,0 %	7,0 %
	15,0 %	5,0 %	8,0 %	7,0 %	5,0 %	5,0 %
	15,0 %	8,0 %	8,0 %	7,0 %	5,0 %	5,0 %
	ca. 120 kN/m ²	ca. 230 kN/m ²	ca. 230 kN/m ²	ca. 230 kN/m ²	ca. 230 kN/m ²	ca. 230 kN/m ²
	10,7 m/min	10,7 m/min	10,7 m/min	10,7 m/min	10,7 m/min	10,7 m/min

Kolli-Liste

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

Pos.	Anz.				L (m)	B (m)	H (m)	kg
Item	Qty.							
Rep.	Qte.							
Voce	Qta.							
Pos.	Cant.							
Ref.	Cant.							
Poz.	Кол-во							
1	4	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	2*				2,50	1,10	1,10	600*
3	1	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
4	1	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
5	1	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
6	1	Raupenunterwagen / Crawler undercarriage Châssis à chenilles / Carro cingolato Carro sobre rails / Carro de lagarta Опорная рама на гусеничном шасси			8,05	3,00	1,75	29500
7	1	Stromgenerator mit Konsole / Current generator with bracket / Générateur de courant avec semelle Generatore di corrente con supporto / Generator de corriente con consola / Gerador de corrente de consola / Генераторный агрегат с кронштейном			120 kVA 2,75	1,50	1,80	2000
8	1	Transportachse Tra 203 / Road transport axle Essieux de transport / Assali par trasporto / Eje de transporte / Eixo de transporte / Транспортная ось			3,00	2,50	1,20	2500
9	1	Transportachse Tra 204 / Road transport axle Essieux de transport / Assali par trasporto / Eje de transporte / Eixo de transporte / Транспортная ось			3,10	2,50	1,10	1900
10	1	Transportachse Tra 205 / Road transport axle Essieux de transport / Assali par trasporto / Eje de transporte / Eixo de transporte / Транспортная ось			3,00	2,50	1,20	3000
11	1	Kiste mit Kleinteilen, Seilen / Crate with small parts, ropes Caisse contenant des accessoires, câbles / Cassa con minuteria, funi / Caja con piezas pequeñas, cables / Caixa com peças pequenas, cabos / Ящик с мелкими деталями, с канатами			1,00	0,80	1,00	450



Konstruktionsänderungen vorbehalten! / Subject to alterations! / Sous réserves de modifications! / Riservato il diritto di modifiche strutturali! / ¡Sujeto a modificaciones! / Salvo modificação da construçao! / Права на внесение конструкторских изменений сохраняются!

Sämtliche Angaben erfolgen ohne Gewähr. / This information is supplied without liability. / Ces renseignements sont sans garantie. / Tutte le indicazioni fornite senza garanzia. / Declinamos toda responsabilidad derivada de la información proporcionada. / Declinamos qualquer responsabilidade quanto à informação fornecida. / Все данные указаны без обязательств.

120 P – 6072 • EN 14439:2009 – EN 13001-HC1/S2 • BGL C.0.08.0080 • 04.11 / 7

Printed in Germany.