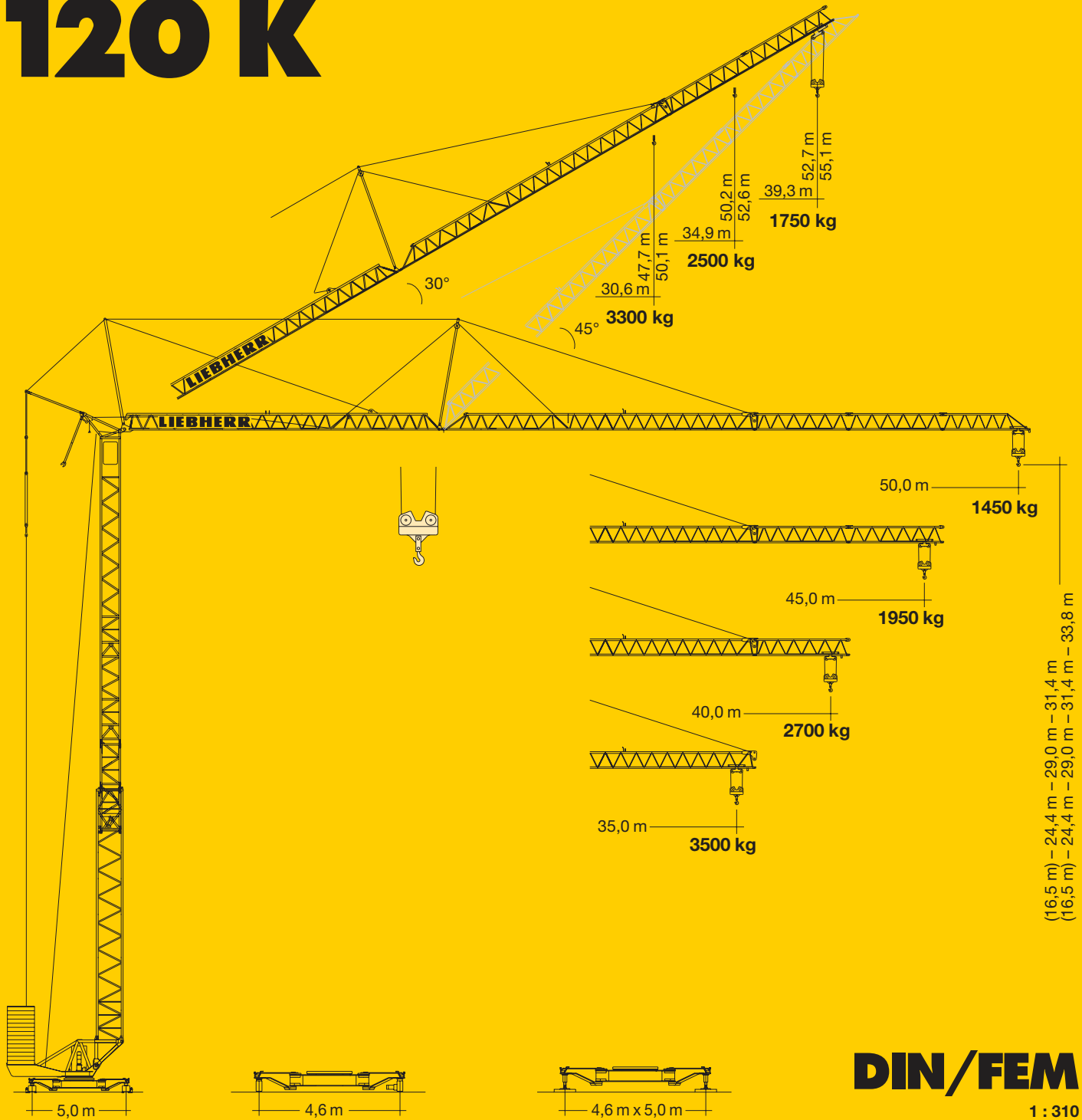


**Tower Crane / Grue à tour / Gru a torre  
Grúa torre / Guindaste de torre**

# Turmdrehkran 120 K

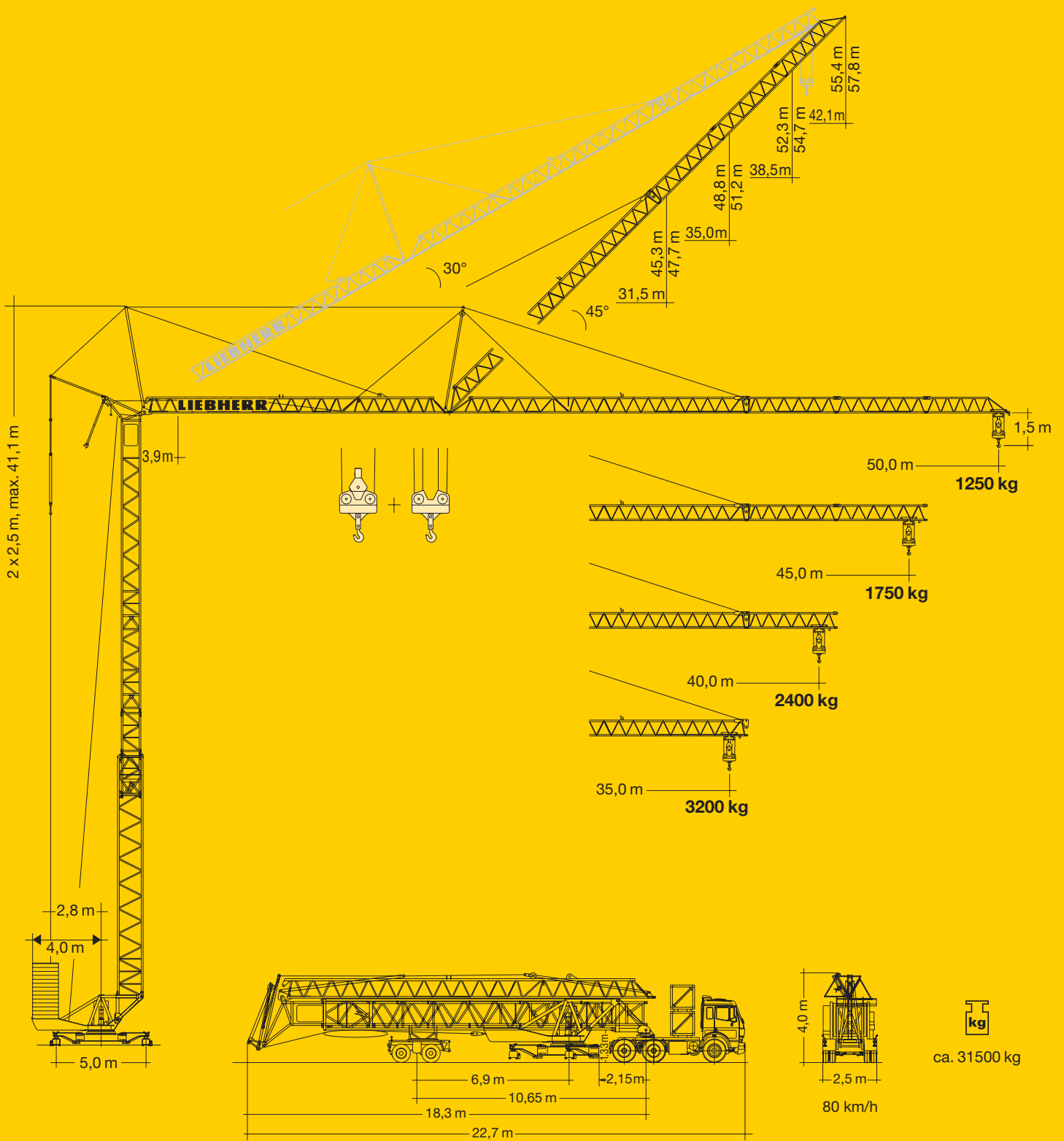


**DIN/FEM**

1 : 310

GD-1

# LIEBHERR



# Gewicht

Weight / Poids / Peso / Peso / Pesos

	<p>r = 4,0 m</p>	<p>44000 kg</p>		<p>28300 kg</p>
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# 120 K

# Ausladung und Tragfähigkeit

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

m	m/kg	m/kg																				
		21,0	22,0	24,0	26,0	28,0	30,0	31,0	32,0	33,0	35,0	36,0	37,0	38,0	40,0	41,0	42,0	43,0	45,0	46,0	48,0	50,0
50,0	3,9 - 19,4 4000	3620	3420	3070	2780	2540	2330	2230	2150	2060	1920	1850	1780	1720	1620	1560	1510	1470	1450	1450	1450	1450
45,0	3,9 - 22,5 4000	4000	4000	3690	3350	3060	2820	2710	2600	2510	2350	2250	2180	2100	1970	1950	1950	1950	1950			
40,0	3,9 - 26,6 4000	4000	4000	4000	4000	3760	3460	3330	3210	3090	2880	2780	2700	2700	2700							
35,0	3,9 - 29,8 4000	4000	4000	4000	4000	4000	3960	3810	3670	3500	3500											

m	m/kg	m/kg																				
		21,0	22,0	24,0	26,0	28,0	30,0	31,0	32,0	33,0	35,0	36,0	37,0	38,0	40,0	41,0	42,0	43,0	45,0	46,0	48,0	50,0
50,0	3,9 - 18,9 4000	3470	3270	2910	2620	2370	2150	2060	1970	1880	1730	1660	1600	1540	1420	1370	1320	1270	1250	1250	1250	1250
45,0	3,9 - 21,8 4000	4000	3950	3530	3180	2890	2630	2520	2420	2320	2140	2060	1980	1910	1780	1750	1750	1750	1750			
40,0	3,9 - 25,6 4000	4000	4000	4000	3930	3580	3280	3140	3020	2900	2690	2590	2500	2410	2400							
35,0	3,9 - 28,6 4000	4000	4000	4000	4000	4000	3770	3620	3470	3340	3200											

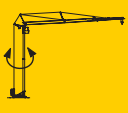
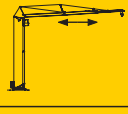


  

m	m/kg	m/kg																				
		21,0	22,0	24,0	26,0	28,0	30,0	31,0	32,0	33,0	35,0	36,0	37,0	38,0	40,0	41,0	42,0	43,0	45,0	46,0	48,0	50,0
50,0	3,9 - 11,2 8000	3480	3270	2920	2620	2500	2500	2470	2370	2270	2100	2020	1940	1870	1740	1680	1620	1570	1470	1420	1330	1250
45,0	3,9 - 12,8 8000	4200	3950	3530	3500	3300	3020	2900	2780	2670	2470	2380	2290	2210	2060	1990	1930	1870	1750			
40,0	3,9 - 14,8 8000	5150	4860	4610	4170	3800	3480	3340	3210	3080	2860	2760	2660	2570	2400							
35,0	3,9 - 16,4 8000	6050	5710	5130	4640	4240	3890	3730	3580	3450	3200											

m	m/kg	Auslegersteilstellung 30° / Elevated jib 30° / Flèche inclinée 30° Braccio inclinato a 30° / Pluma inclinada 30° / Lança inclinada 30°																				
		22,0	23,0	24,0	25,0	26,0	27,0	28,0	29,0	30,0	30,6	31,0	32,0	33,0	34,0	34,9	35,0	36,0	37,0	38,0	39,0	39,3
39,3	3,7 - 18,5 4000	3200	3030	2870	2720	2590	2470	2350	2250	2150	2100	2060	1980	1900	1820	1760	1755	1750	1750	1750	1750	1750
34,9	3,7 - 22,1 4000	4000	3800	3600	3420	3260	3110	2970	2840	2730	2660	2620	2510	2500	2500	2500						
30,9	3,7 - 24,9 4000	4000	4000	4000	3970	3790	3620	3460	3310	3300	3300											

# Geschwindigkeiten

Speeds / Vitesses / Velocità / Velocidades / Velocidades

	U/min. 0 - 0,8 sl./min tr./min	6,3 kW
	10,0 / 33,0 / 67,0 m/min	5,0 kW
	25,0 m/min	2 x 2,0 kW
	0 - 45°, 2 min.	6,0 kW

Stufe / Step / Cran Marcia / Velocidad Velocidade	kg	m/min
1	4000 8000	6,5 3,25
2	4000 8000	30,0 15,0
3	2000 4000	60,0 30,0
1	4000 8000	5,0 2,5
2	4000 8000	25,0 12,5
3	3200 6400	32,0 16,0
4	1500 3400	57,0 29,0

**BGL:**  2108-0112  +  2108-0100

400 V	Hz	kVA
131,0 m 4 x 25 mm <sup>2</sup>	50	53,0 (KL)

CD=

# Technische Daten

Technical data - Caractéristiques techniques

Caratteristiche tecniche - Características técnicas - Datos técnicos

# Aufstellvorgang

Erection procedure

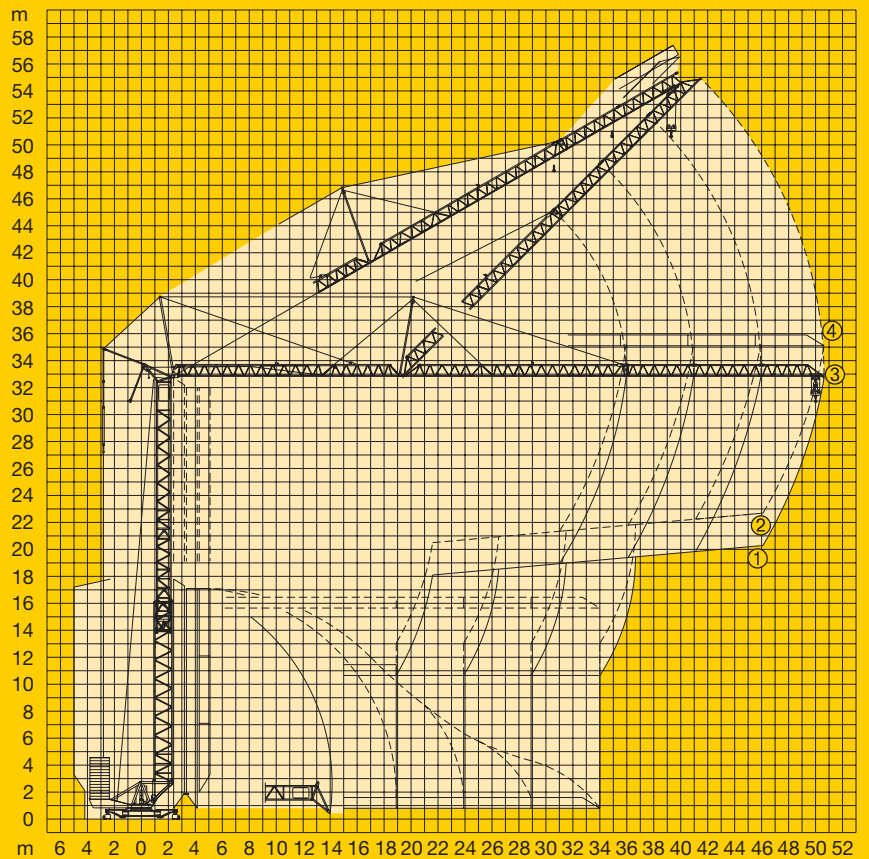
Déroulement de montage

Procedimento di montaggio

Procedimiento de montaje

Sistema de montagem

- ④ stationär  
2 Turmstücke  
stationary  
2 tower sections  
stationnaire  
2 éléments de mât  
stationnaire  
2 elementos di torre  
estacionaria  
2 tramos de torre  
Estacionaria  
2 tramos de torre
- ③ schienenfahbar  
1 Turmstück  
rail-going  
1 tower section  
mobile  
1 élément de mât  
traslante  
1 elemento di torre  
móvil  
1 tramo  
de torre  
Móvil  
1 tramo  
de torre
- ② stationär  
ohne Turmstück  
stationary without  
tower section  
stationnaire sans  
éléments de mât  
stationnaire  
senza  
elementi di torre  
estacionaria sin  
tramo de torre  
Estacionaria  
sem tramo de torre
- ① schienenfahbar  
ohne Turmstück  
rail-going without  
tower section  
mobile sans  
éléments de mât  
traslante  
senza  
elementi di torre  
móvil sin tramo  
de torre  
Móvil  
sem  
tramo de torre



# Kolli-Liste

Packing List / Liste de colisage / Lista dei colli

Lista de contenido / Lista de embalagem

Pos. Item	Anz. Qty.	Rep. Voce	Qta. Cant.	Pos. Ref.		L (m)	B (m)	H (m)	kg		
1	2				<b>Turmstück (mit Turmauflage) / Tower section</b> (with tower support) / Élément de mât (avec support de mât) / Elemento di torre (con pedana di servizio) / Tramo de torre (con soporte de torre) / Tramo de torre (com suporte de torre)			2,52	1,11	1,11	780
2	1				<b>Ausleger-Verlängerung 35,0 m – 40,0 m</b> Jib extension / Rallonge de la flèche Elemento estensione braccio Prolongación de pluma / Extensão da lança			5,24	1,02	0,99	350
3	1				<b>Ausleger-Verlängerung 40,0 m – 45,0 m</b> Jib extension / Rallonge de la flèche Elemento estensione braccio Prolongación de pluma / Extensão da lança			5,16	1,02	0,92	220
4	1				<b>Ausleger-Verlängerung 45,0 m – 50,0 m</b> Jib extension / Rallonge de la flèche Elemento estensione braccio Prolongación de pluma / Extensão da lança			4,73	1,02	0,89	170
5	1				<b>Transportachse Tra 204 / Road transport axle</b> Essieux de transport / Assali par trasporto Eje de transporte / Eixo de transporte			2,50	2,50	1,00	2000
6	1				<b>Kiste mit Seilen und Kleinteilen / Case with ropes and small parts</b> Caisse avec câbles et pièces détachées / Cassa con funi e accessori Caja con cables y piezas sueltas / Caixa contendo cabos e acessórios			1,00	0,80	1,00	450

120 P –4092 H1 B3 DIN 15018 •BGL 2108-0112 / FEM (Section 1) Krangruppe A3 und OENORM T3 •03.01 / 6

Konstruktionsänderungen vorbehalten! / Subject to alterations!  
 Sous réserves de modifications! / Si fa riserva di modifiche!  
 Salvo modificação da construação! / ¡Sujeto a modificaciones!

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