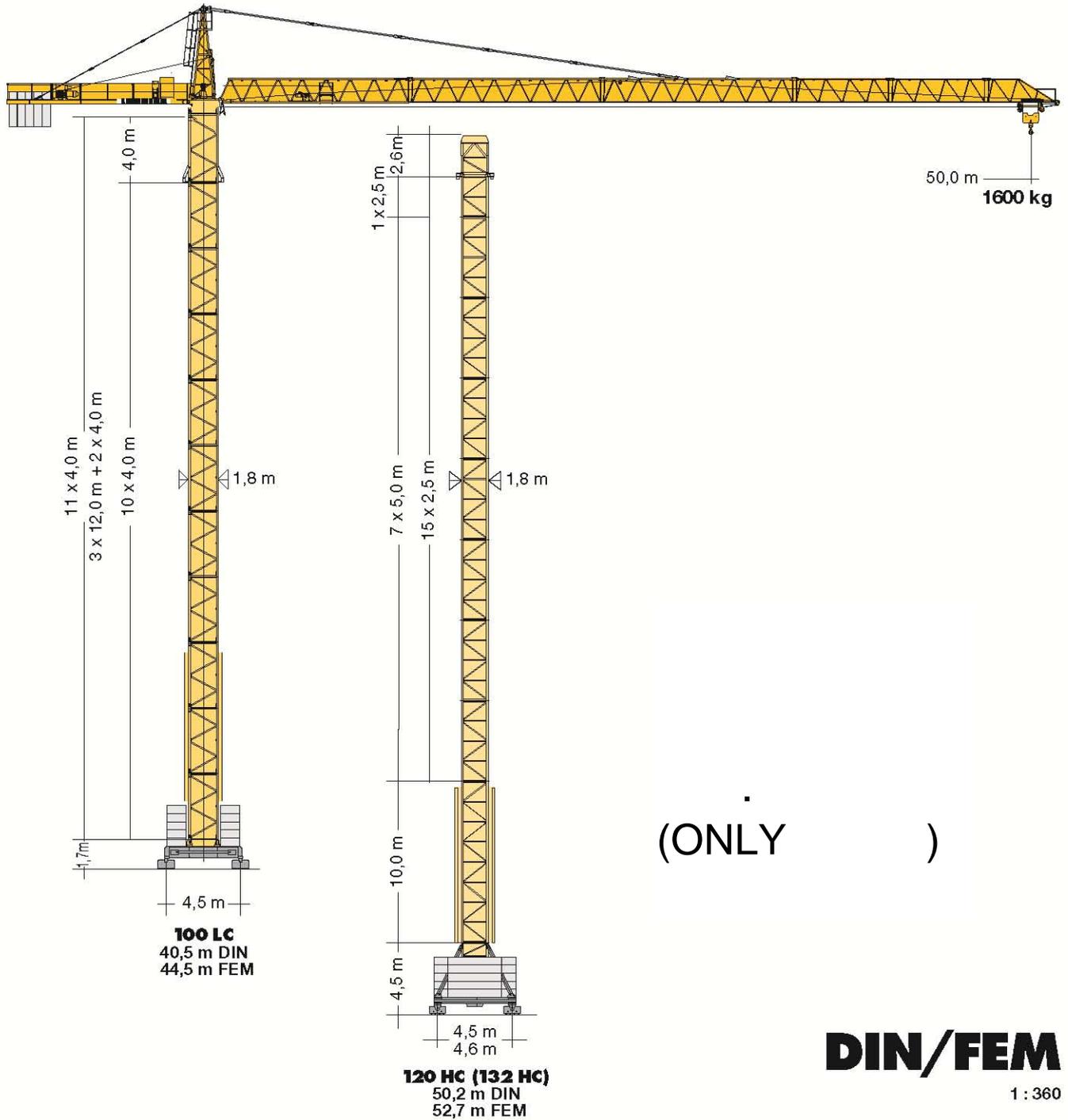
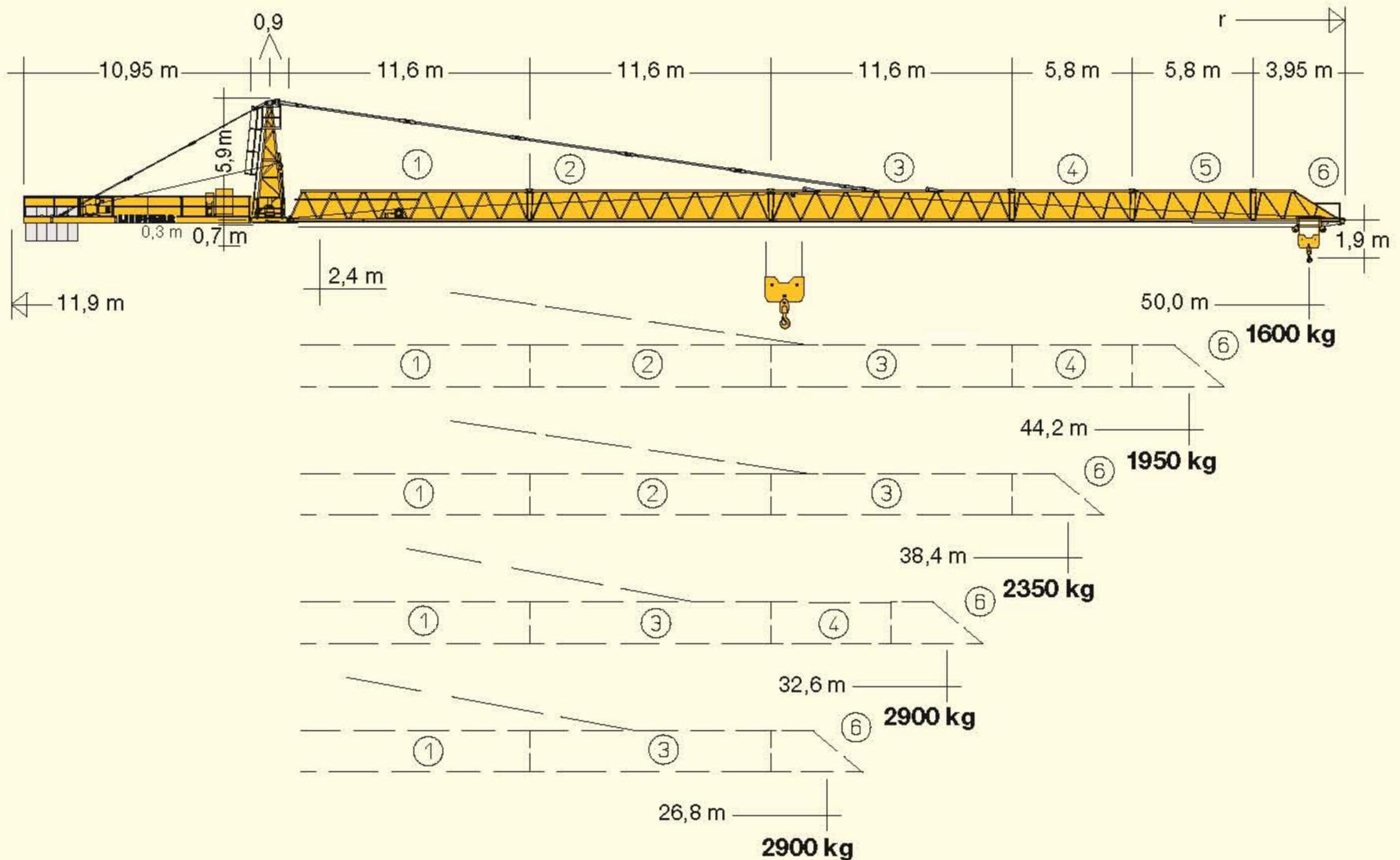


# Turmdrehkran 100 LC

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

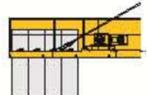


# LIEBHERR



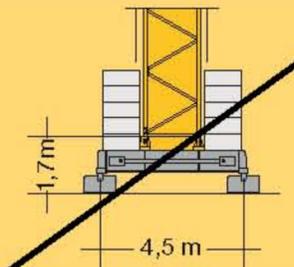
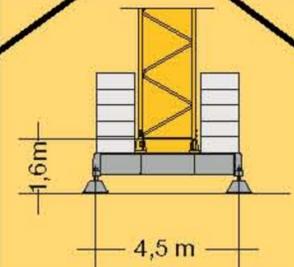
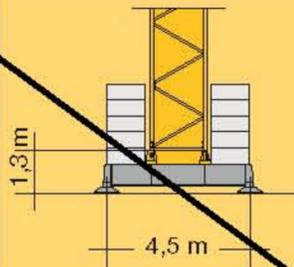
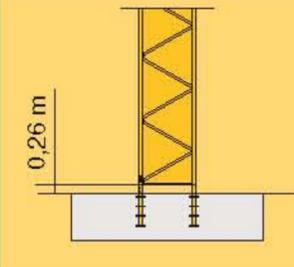
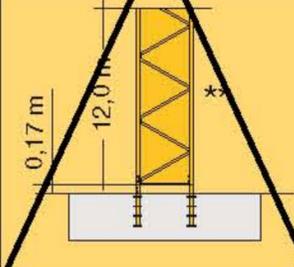
## Gewicht

Weight / Poids / Peso / Peso / Pesos

<b>Zentralballast</b> / Central ballast Lest de base / Zavorra centrale Lastro central / Lastre central	65000 kg		(Ausl. 50 m)	12750 kg		36900 kg
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## Hubhöhe

Hoisting height / Hauteur sous crochet / Altezza di sollevamento / Altura bajo gancho / Altura de montagem

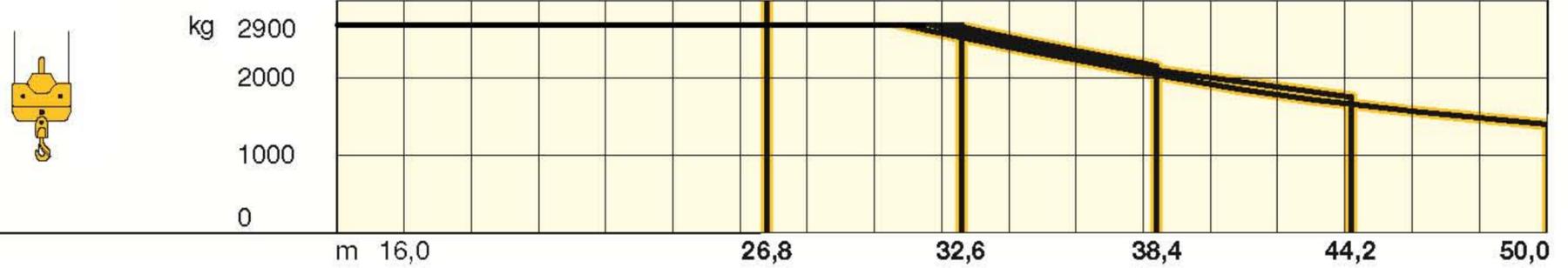
		<b>100 LC</b>				
4 m	12 m					
FEM 11		44,5*	44,4*	44,1*	43,1*	55,2*
DIN 10		40,5*	40,4*	40,1*	39,1*	51,2*
9	3	36,5	36,4	36,1	35,1	47,2
8		32,5	32,4	32,1	31,1	43,2
7		28,5	28,4	28,1	27,1	39,2
6	2	24,5	24,4	24,1	23,1	35,2
5		20,5	20,4	20,1	19,1	31,2
4		16,5	16,4	16,1	15,1	27,2
3	1	12,5	12,4	12,1	11,1	23,2
2		8,5	8,4	8,1	7,1	19,2
1		4,5	4,4	4,1	3,1	15,2
0						11,2
		m	m	m	m	m
						

\*  **Weitere Hubhöhen auf Anfrage.** / Further hoist heights on request. / Hauteurs sous crochet sur demande. / Altre altezze di sollevamento: su richiesta. / Outras alturas de elevação: conforme ao pedido. / Para alturas bajo gancho superiores, consultar.  
\*\* nicht kletterbar / not for climbing / non télescopable / non telescopabile / no trepable / no telescopabel

# Ausladung und Tragfähigkeit

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

m	r	m/kg	m/kg													
			16,0	18,0	20,0	22,0	24,0	26,8	30,0	32,6	36,0	38,4	42,0	44,2	48,0	50,0
50,0	(r = 51,6)	2,4-29,3 2900							2900	2660	2370	2200	1970	1860	1680	1600
44,2	(r = 45,8)	2,4-30,5 2900							2900	2780	2480	2300	2070	1950		
38,4	(r = 40,0)	2,4-31,1 2900							2900	2840	2530	2350				
32,6	(r = 34,2)	2,4-31,6 2900							2900	2900						
26,8	(r = 28,4)	2,4-26,8 2900						2900								



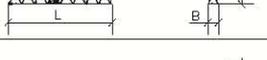
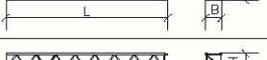
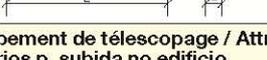
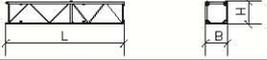
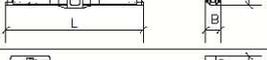
# Antriebe

Driving units / Mécanismes d'entraînement / Azionamenti / Mecanismos / Mecanismos

	U/min 0 - 0,8 sl./min tr./min	6,3 kW
	9,0 / 30,0 / 60,0 m/min	0,65 / 2,0 / 3,0 kW
	18,0 m/min 25,0 m/min	2 x 2,6 kW (100 LC) 2 x 4,0 kW (120 HC)
	<b>kVA</b>	22,0 kW 37,0

	Stufe / Step Cran / Marcia Marcha / Marcha	
	kg	m/min
3,8 / 18,5 / 22,0 kW		
 85,0 m LS-Trommel	3 <b>Lagen</b> Layers Couches Strati Camadas Capas	
	1	2900 6,0
	2	2900 27,0
	3	1800 56,0

Montagegewichte: siehe Betriebsanleitung. / Erection weights: see instruction manual. / Poids de montage: voir manuel de service.  
 Peses di montaggio: vedasi le istruzioni sull'uso. / Pesos de montagem: vejã-se as instruções p. uso. / Peso para el montaje: según manual.

<b>Kranoberteil</b>		<b>Upper part of crane / Partie supérieure de grue / Parte superiore della gru</b>		<b>L (m)</b>	<b>B (m)</b>	<b>H (m)</b>	<b>kg*</b>
Pos. Item Rep. Voce Pos. Ref.	Anz. Qty. Qta. Cant.						
1	1	<b>Kabine + Steuerstand / Cabin + Seat</b> Cabine + fauteuil / Cabina + poltrona Cabine + cadeira / Cabina + butaca		1,87	1,12	2,18	440
2	1	<b>Turnspitze / Tower head section</b> Porte-flèche / Testa porta-braccio Cabeça de apoio de lança / Cabeza de torre		5,62	1,16	1,57	740
3	1	<b>Gegenausleger / Counter-jib</b> Contre-flèche / Contrabaccio Contra-lança / Contrapluma		11,03	1,67	0,45	1480
4	1	<b>Ausleger-Anlenkstück / Jib heel section</b> Pied de flèche / Settore articolato di braccio Base articulada de lança / Pluma tramo primero		11,79	1,17	1,59	① 1520
5	1	<b>Ausleger-Zwischenstück / Intermediate jib section</b> Elément interm. de flèche / Spezzone di braccio Peça suplementar da lança / Tramo intermedio pluma		11,68 11,83 6,02 6,00	1,17 1,17 1,17 1,17	1,54 1,63 1,53 1,51	② 1060 ③ 1000 ④ 360 ⑤ 267
6	1	<b>Ausleger-Kopfstück / Jib head</b> Pointe de flèche / Punta freccia Cabeça de lança / Tramo punta de pluma		4,16	1,17	1,72	⑥ 230
7	1	<b>Podeste / Platforms</b> Plates-formes / Plattaforma Plataforma / Plataforma		1,68	0,33	1,82	166
8	1	<b>Laufkatze / Trolley</b> Chariot / Carrello Carrinho / Carrito		1,57	1,34	0,77	170
9	1	<b>Drehbühne mit Kud-Auflage / Slewing platform with slewing ring support</b> Ensembles mât cabine avec pivot cage / Plattaforma girevole con supporto della ralla di rotazione / Plataforma giratória con suporte de corôa dentada / Asiento pista con plataforma giratoria		1,60	2,01	1,93	2590
10	1	<b>Hubwerk / Winch</b> Treuil / Verricello / Mecanismo elevatorio Mecanismo elevación carga		1,50	1,36	0,71	655
<b>Turm</b>		<b>Tower / Mât / Torre</b> Torre / Torre					
11	1	<b>Turmstück / Tower section</b> Element de mât / Elemento di torre Torre / Torre		12 m 4 m	12,27 4,27	1,80 1,80	2870 1105
12	1	<b>Grundturmstück / Base tower section</b> Mât de base / Elemento di torre base Tramo torre base / Peça de base de torre		12,00	2,02	2,02	3812
<b>Klettereinrichtung</b>		<b>Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru</b>					
		<b>Equipo de trepado / Acsórios p. subida no edificio</b>					
13	1	<b>Führungsstück kpl. / Guide section cpl.</b> Cage télescopique cpl. / Gabbia de sopraelevazione compl. Peça de guia compl. / Torre de montaje completa		8,92	2,25	2,35	2180
14	1	<b>KUD-Auflagenverlängerung / Slewing ring support extension</b> Rehausse de pivot d'orientation / Prolunga supporto ralla Peça de guia / Prolongación asiento de pista		4,27	2,26	2,26	1370
15	1	<b>Hydraulikanlage, Stütz- und Klettertraverse / Hydraulic unit, supporting and climbing cross members</b> Système hydraulique avec traverses d'appui et de télescopage / Sistema idraulico, traversa di appoggio e allungamento gru Instalação hidráulica, travessa de apoio e subida / Sistema hidráulico con traviesa de apoyo y trepado					
<b>Fundamentkreuz</b>		<b>Cruciform base / Châssis en croix / Carro della gru</b>					
		<b>Carro de guindaste / Base cruciforme</b>					
16	1	<b>Tragholm I / Arm I</b> Longeron I / Longherone I Travessa I / Brazo I		6,66	0,71	0,75	2110
17	2	<b>Tragholm II / Arm II</b> Longeron II / Longherone II Travessa II / Brazo II		6,66	0,78	0,75	2330
18	2	<b>Fahrschemel mit Antrieb / Rail bogie with drive</b> Bogie moteur / Telaio con gruppo propulsore Quadro sem grupo de propulsão / Caja rodillo motriz		1,07	0,52	0,65	460
19	2	<b>Fahrschemel ohne Antrieb / Rail bogie without drive</b> Bogie fou / Telaio senza gruppo propulsore Quadro com grupo de propulsão / Caja rodillo conducido		1,07	0,25	0,65	380
20	1	<b>Seile und Kleinteile / Small parts and ropes</b> Accessoire et câbles / Accessori cavi Acessorios e cabos / Accesorios y cables		-	-	-	4700

\* Einzelgewichte. / Single weights. / Poids individuels. / Peses di componenti. / Pesos de peças componentes. / Pesos unitarios.