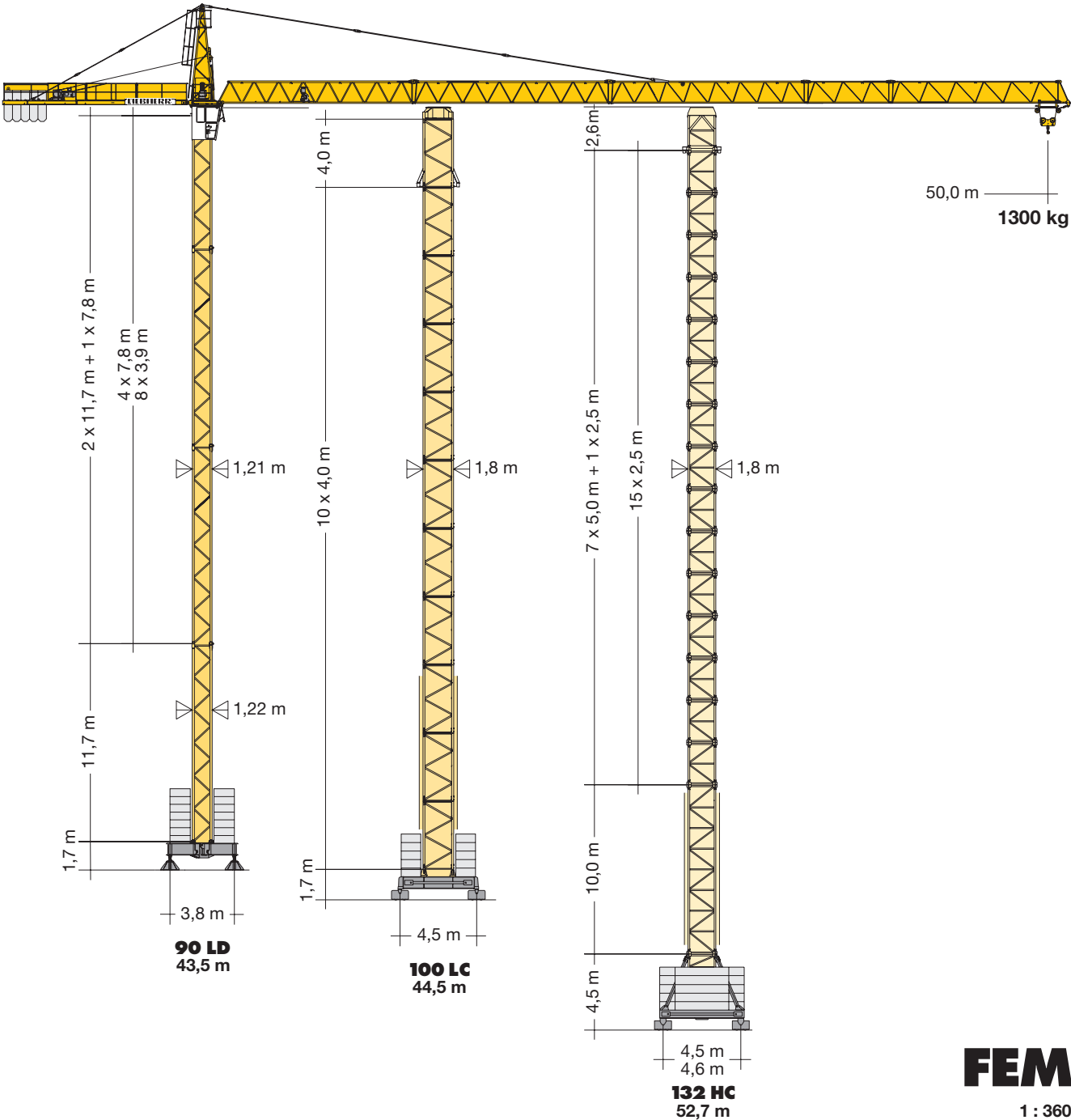


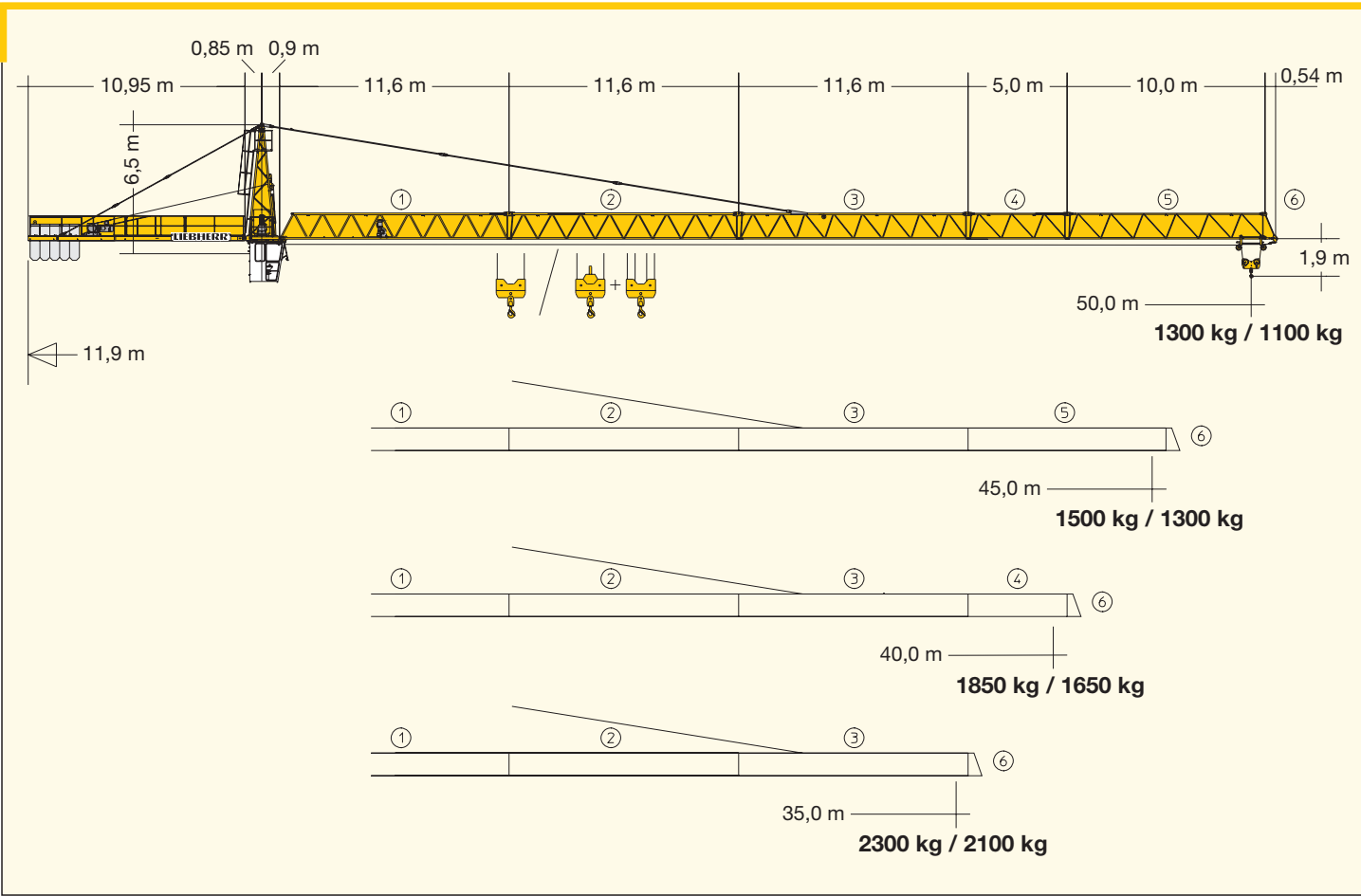


Turmdrehkran 90 LD

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

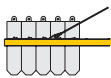


LIEBHERR



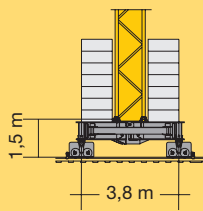
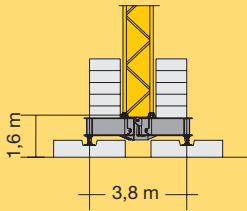
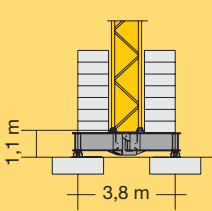
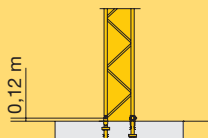
Gewicht

Weight / Poids / Peso / Peso / Pesos

Zentralballast / Central ballast Lest de base / Zavorra centrale Lastro central / Lastre central	80000 kg		(Ausl. 50 m)	10500 kg		26200 kg
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Hubhöhe

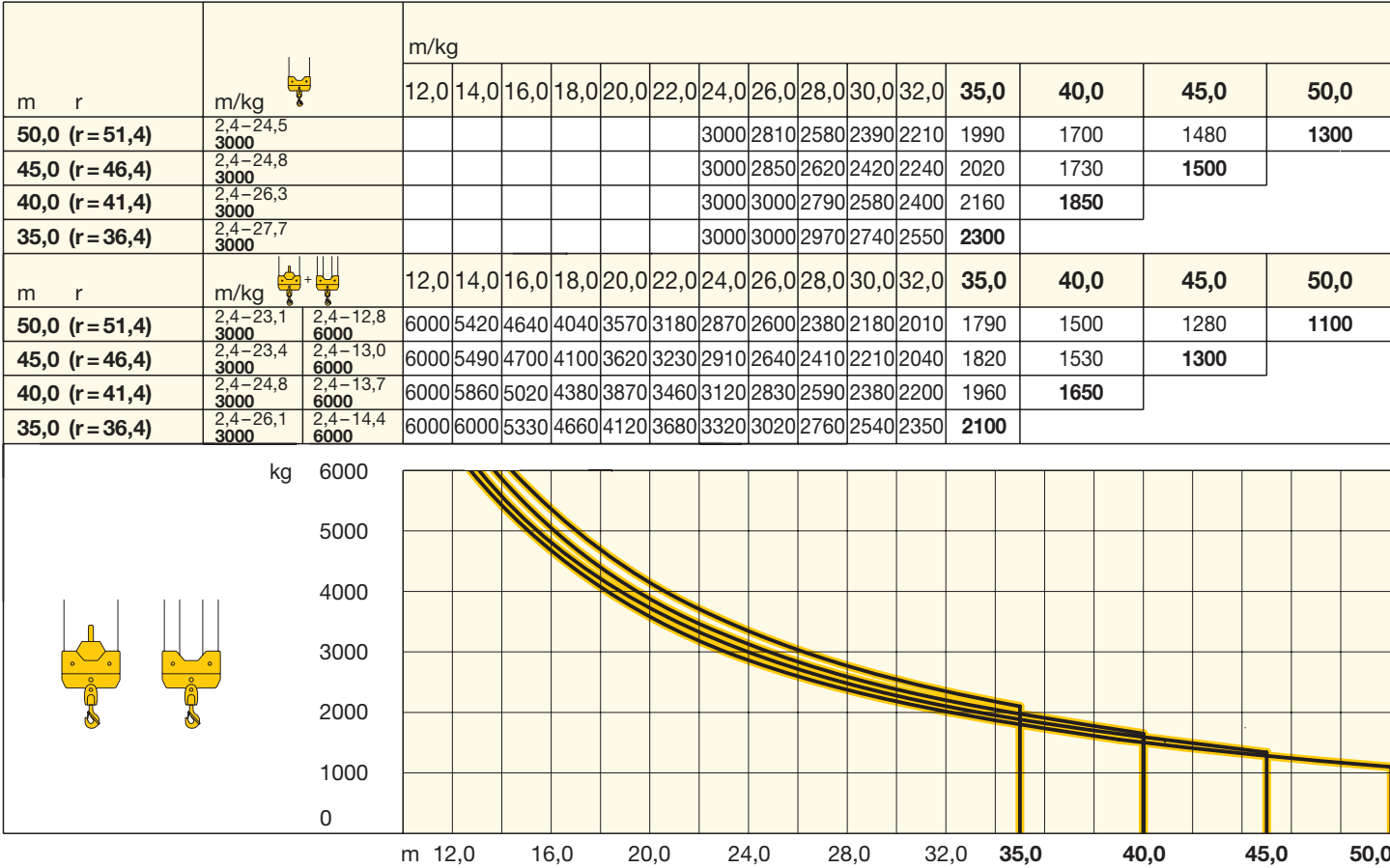
Hoisting height / Hauteur sous crochet / Altezza di sollevamento / Altura bajo gancho / Altura de montagem

			90 LD			
3,9 m	7,8 m	11,7 m				
8	4		43,3	43,4	42,9	41,9
7			39,4	39,5	39,0	38,0
6	3	2	35,5	35,6	35,1	34,1
5			31,6	31,7	31,2	30,2
4	2		27,7	27,8	27,3	26,3
3		1	23,8	23,9	23,4	22,4
2	1		19,9	20,0	19,5	18,5
1			16,0	16,1	15,6	14,6
0	0	0	12,1	12,2	11,7	10,7
			m	m	m	m
						



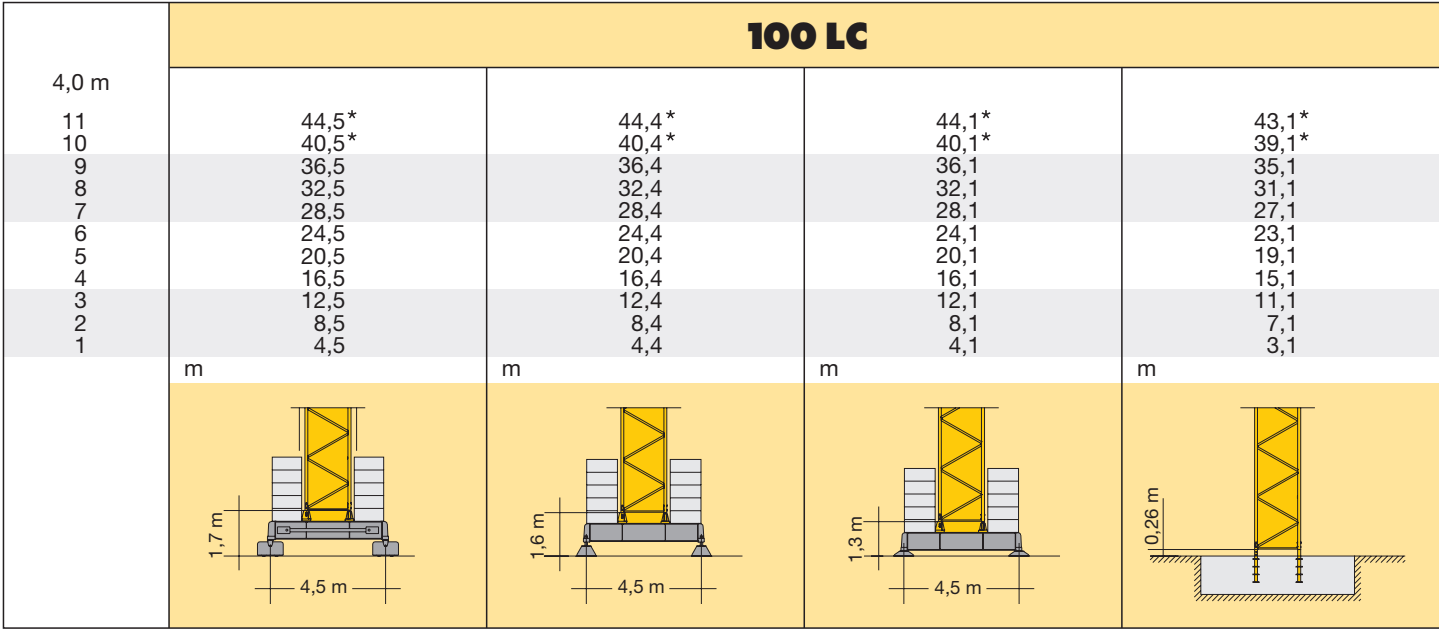
Ausladung und Tragfähigkeit

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



Hubhöhe

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



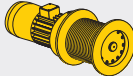
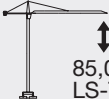
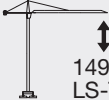
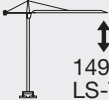
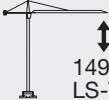
* Weitere Hubhöhen auf Anfrage. / Further hoist heights on request. / Hauteurs sous crochet sur demande. / Altre altezze di sollevamento: su richiesta. / Outras alturas de elevação: conforme ao pedido. / Para alturas bajo gancho superiores, consultar.



Antriebe

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

	U/min 0 – 0,8 sl./min tr./min	1 x 7,5 kW FR.tronic-FU
	9,0 / 30,0 / 60,0 m/min	0,65 / 2,0 / 3,0 kW
	18,0 m/min	2 x 2,6 kW
 kVA 22,0 kW 39,0		

	Stufe / Step Cran / Marcia Marcha / Marcha					kg	m/min	
3,8 / 18,5 / 22,0 kW WIW 230 MZ 402								
	3 Lagen Layers Couches Strati Camadas Capas		1		3000		3000	6,0
			2		3000		3000	27,0
			3		1800		1700	56,0
85,0 m LS-Trommel								
	5 Lagen Layers Couches Strati Camadas Capas		1				6000	3,0
			2				6000	13,5
			3				3700	28,0
149,0 m LS-Trommel								
	5 Lagen Layers Couches Strati Camadas Capas		1		3000		3000	6,2
			2		3000		3000	28,0
			3		1700		1600	58,0
149,0 m LS-Trommel								
	5 Lagen Layers Couches Strati Camadas Capas		1				6000	3,1
			2				6000	14,0
			3				3500	29,0
149,0 m LS-Trommel								

Hubhöhe

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

		132 HC					
2,5 m	5,0 m						
15		52,7*	52,2*	48,4*	49,9*	49,7*	49,7*
14	7	50,2*	49,7*	45,9*	47,4*	47,2*	47,2*
13		47,7	47,2	43,4	44,9	44,7	44,7
12	6	45,2	44,7	40,9	42,4	42,2	42,2
11		42,7	42,2	38,4	39,9	39,7	39,7
10	5	40,2	39,7	35,9	37,4	37,2	37,2
9		37,7	37,2	33,4	34,9	34,7	34,7
8	4	35,2	34,7	30,9	32,4	32,2	32,2
7		32,7	32,2	28,4	29,9	29,7	29,7
6	3	30,2	29,7	25,9	27,4	27,2	27,2
5		27,7	27,2	23,4	24,9	24,7	24,7
4	2	25,2	24,7	20,9	22,4	22,2	22,2
3		22,7	22,2	18,4	19,9	19,7	19,7
2	1	20,2	19,7	15,9	17,4	17,2	17,2
1		17,7	17,2	13,4	14,9	14,7	14,7
0	0	15,2	14,7	10,9	12,4	12,2	12,2
		m	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.



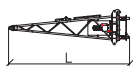
Kolli-Liste

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

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

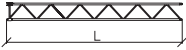
Kranoberteil

Upper part of crane / Partie supérieure de grue / Parte superiore della gru
Parte superior grúa / Parte superior do guindaste

Pos. Item Rep. Voce Pos. Ref.	Anz. Qty. Qta. Cant. Cant.								
1	1	Kabine + Steuerstand / Cabin + Seat Cabine + fauteuil / Cabina + poltrona Cabine + cadeira / Cabina + butaca			1,87	1,12	2,18		440
2	1	Turmspitze mit Kud-Auflage / Tower head section with slewing ring support / Porte-flèche avec pivot / Testa porta-braccio / Cabeça de apoio de lança / Cabeza de torre			6,68	1,70	1,96		3250
3	1	Gegenausleger / Counter-jib Contre-flèche / Contrabaccio Contra-lança / Contrapluma			11,03	1,67	0,32		1260
4	1	Ausleger-Anlenkstück / Jib heel section Pied de flèche / Settore articolato di braccio Base articulada de lança / Pluma tramo primero			11,80	1,27	1,43	①	1360
5	1	Ausleger-Zwischenstück / Intermediate jib section Elément intermédiaire de flèche / Spezzone di braccio Peça suplementar da lança / Tramo intermedio pluma			11,84 11,81 5,20 10,20	1,17 1,17 1,17 1,17	1,39 1,47 1,36 1,36	② ③ ④ ⑤	990 800 240 390
6	1	Ausleger-Kopfstück / Jib head Pointe de flèche / Punta freccia Cabeça de lança / Tramo punta de pluma			1,17	1,27	0,42	⑥	50
7	1	Podeste / Platforms Plates-formes / Plattaforma Plataforma / Plataforma			1,68	0,33	1,55		140
8	1	Laufkatze / Trolley Chariot / Carrello Carrinho / Carrito			1,57	1,35	0,77		135
9	1	Unterflasche / Bottom Moufle / Bozzello Gancha / Potipasto			0,88	0,25	0,97		150
10	1	Hubwerk / Winch Treuil / Argano / Mecanismo elevatoria Mecanismo elevación carga			1,52	1,36	0,72		630

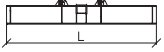
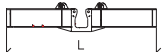
Turm

Tower / Mât / Torre
Torre / Torre

11	1	Grundturmstück / Base tower section Mât de base / Elemento di torre base Tramo torre base / Peça de base de torre			11,7 m	11,88	1,23	1,23	3070
12	1	Turmstück / Tower section Elément de mât / Elemento di torre Torre / Torre			11,7 m 7,8 m 3,9 m	11,87 11,87 4,07	1,22 1,22 1,22	1,22 1,22 1,22	2730 1880 1065

Fundamentkreuz

Cruciform base / Châssis en croix / Carro della gru
Carro de guindaste / Base cruciforme

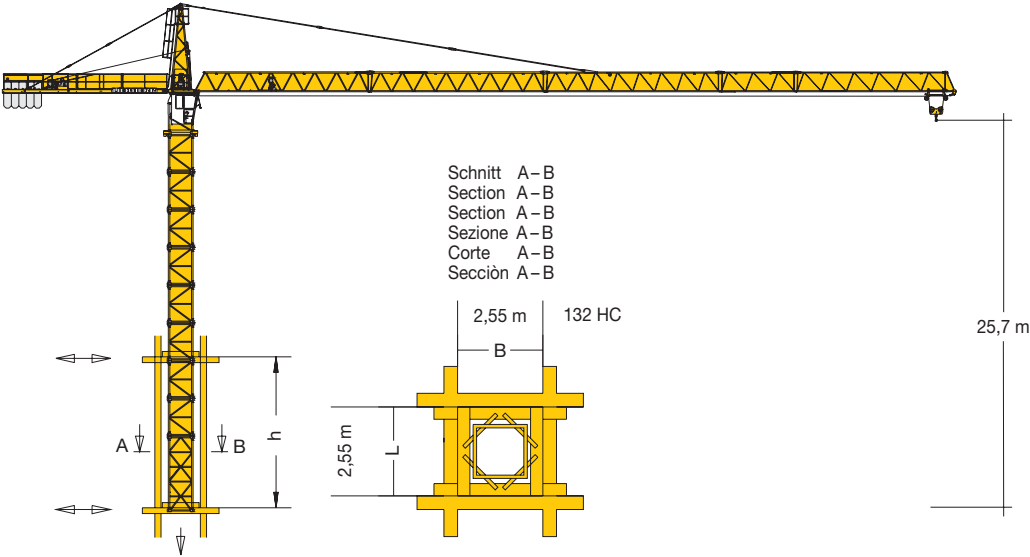
13	1	Tragholm I / Arm I Longeron I / Longherone I Travessa I / Brazo I			5,68	0,78	0,92	1710
14	1	Tragholm II / Arm II Longeron II / Longherone II Travessa II / Brazo II			5,68	0,71	1,09	1930
15	2	Fahrschemel mit Antrieb / Rail bogie with drive Bogie moteur / Telaio con gruppo propulsore Quadro sem grupo de propulsão / Caja rodillo motriz			1,08	0,54	0,63	510
16	2	Fahrschemel ohne Antrieb / Rail bogie without drive Bogie fou / Telaio senza gruppo propulsore Quadro com grupo de propulsão / Caja rodillo conducido			1,08	0,28	0,61	420
17	1	Seile und Kleinteile / Small parts and ropes Accessoire et câbles / Accessori cavi Accesorios e cabos / Accesorios y cables			-	-	-	2300

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



Klettern im Gebäude

Climbing in the building / Télescopage dans le bâtiment / Pure
varianti di gru allungabili / Subida no edificio / Trepado dentro del edificio



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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Ces renseignements sont sans garantie. / Le indicazioni contenute si intendono salvo errori ed omissioni.
Declinamos toda responsabilidad derivada de la información proporcionada. / Declinamos qualquer
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