

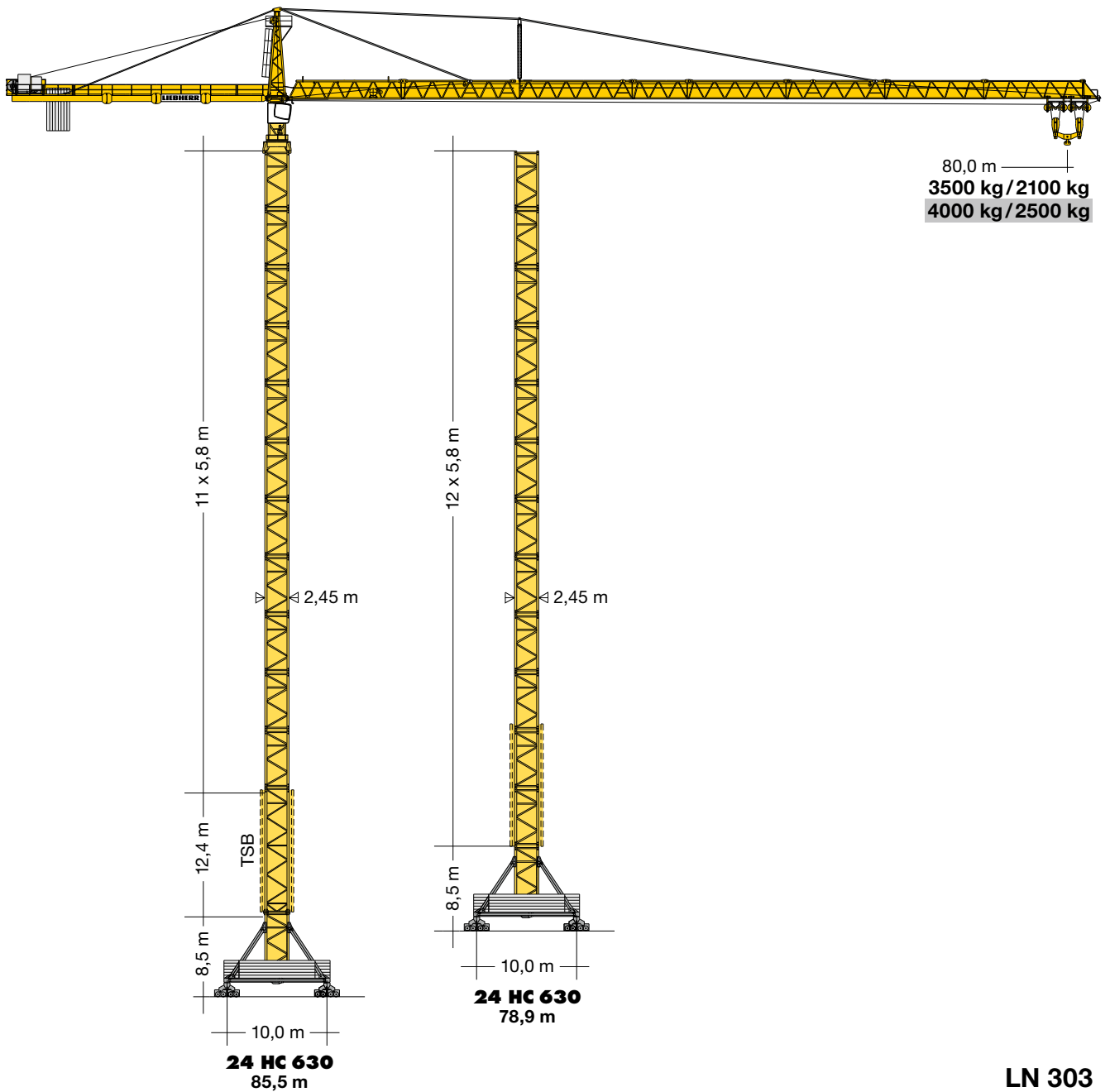
# Turmdrehkran

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

## 550 EC-H 40 Litronic®

550 EC-H 20 Litronic®

▶ 550 EC-H 40 Litronic®

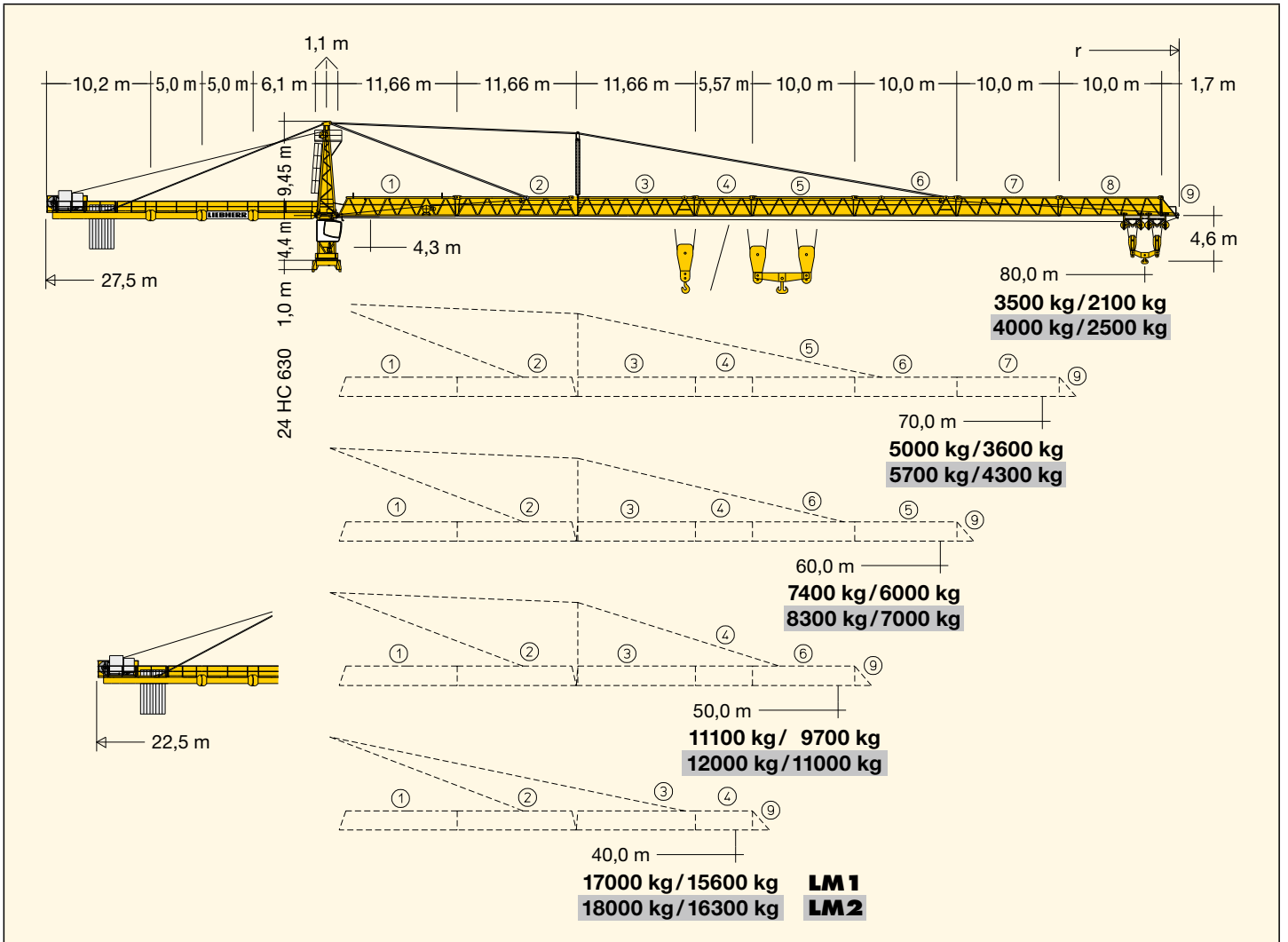


LN 303

# LIEBHERR


# Ausladung und Tragfähigkeit


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

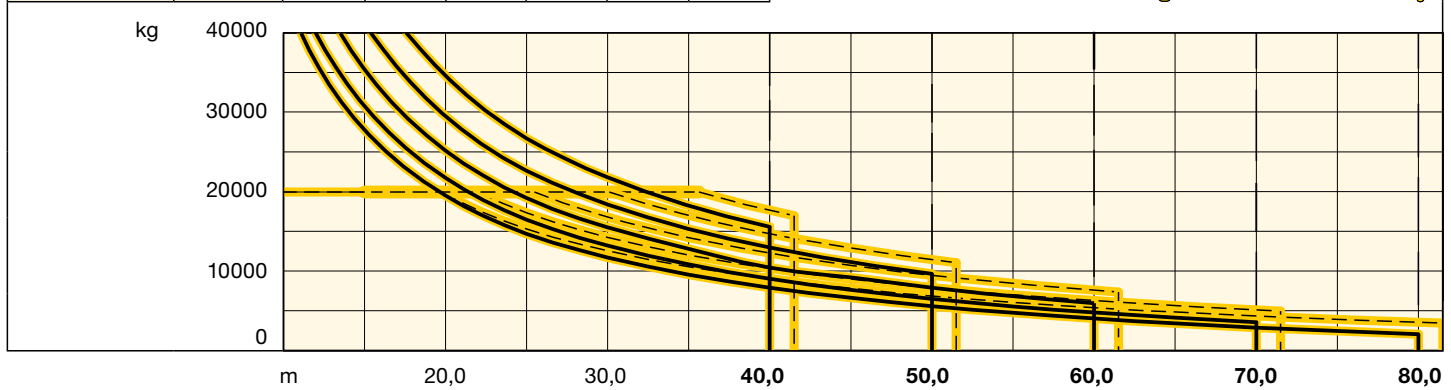


# Ausladung und Tragfähigkeit

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


 m r		m/kg	550 EC-H 40												
			15,0	20,0	25,0	30,0	35,0	41,5	45,0	51,5	55,0	61,5	65,0	71,5	75,0
81,5 (r=83,7)	5,5 - 19,8 20000	20000	19760	15340	12590	10580	8680	7870	6650	6110	5270	4880	4260	3970	3500
71,5 (r=73,7)	5,5 - 22,0 20000	20000	20000	17370	14290	12060	9930	9020	7670	7060	6120	5690	5000		
61,5 (r=63,7)	5,5 - 25,5 20000	20000	20000	20000	16840	14260	11800	10760	9180	8490	7400				
51,5 (r=53,7)	5,5 - 30,1 20000	20000	20000	20000	20000	17040	14160	12940	11100						
41,5 (r=43,7)	5,5 - 35,6 20000	20000	20000	20000	20000	20000	17000								

 m r		m/kg	LM 1												
			15,0	20,0	25,0	30,0	35,0	40,0	45,0	50,0	55,0	60,0	65,0	70,0	75,0
80,0 (r=83,7)	4,3 - 11,1 40000	27800	19550	14740	11750	9590	7950	6670	5630	4780	4070	3470	2950	2500	2100
70,0 (r=73,7)	4,3 - 12,0 40000	30810	21770	16510	13240	10870	9080	7670	6540	5610	4830	4170	3600		
60,0 (r=63,7)	4,3 - 13,5 40000	35440	25200	19230	15530	12850	10820	9220	7940	6880	6000				
50,0 (r=53,7)	4,3 - 15,4 40000	40000	29520	22670	18420	15340	13000	11170	9700						
40,0 (r=43,7)	4,3 - 17,6 40000	40000	34630	26740	21840	18290	15600								




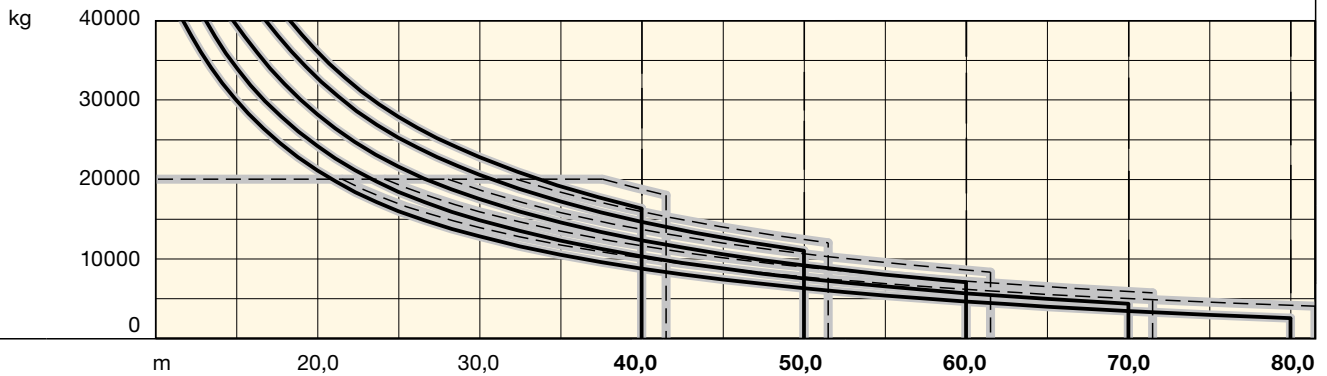
# Ausladung und Tragfähigkeit

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

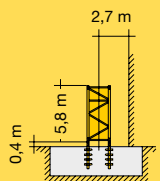
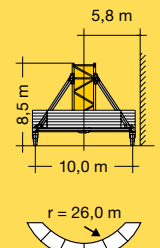
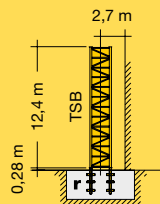
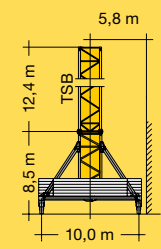
 m r		m/kg	550 EC-H40 Litronic®													
			15,0	20,0	25,0	30,0	35,0	41,5	45,0	51,5	55,0	61,5	65,0	71,5	75,0	81,5
81,5 (r=83,7)	5,5 - 21,5 20000	20000	20000	16900	13900	11720	9640	8760	7430	6850	5930	5510	4830	4520	4000	
71,5 (r=73,7)	5,5 - 24,2 20000	20000	20000	19290	15910	13450	11110	10120	8630	7970	6930	6460	5700			
61,5 (r=63,7)	5,5 - 28,1 20000	20000	20000	20000	18640	15810	13110	11970	10250	9490	8300					
51,5 (r=53,7)	5,5 - 32,3 20000	20000	20000	20000	20000	18350	15270	13960	12000							
41,5 (r=43,7)	5,5 - 37,6 20000	20000	20000	20000	20000	20000	18000									


  

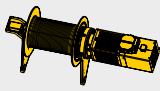
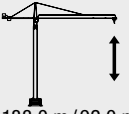
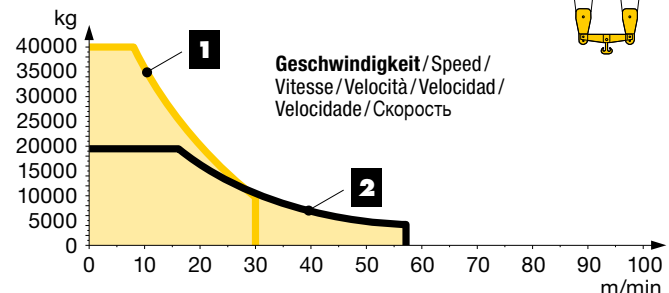
 m r		m/kg	LM2													
			15,0	20,0	25,0	30,0	35,0	40,0	45,0	50,0	55,0	60,0	65,0	70,0	75,0	80,0
80,0 (r=83,7)	4,3 - 11,7 40000	29900	21100	15970	12790	10490	8740	7370	6270	5360	4600	3960	3400	2920	2500	
70,0 (r=73,7)	4,3 - 13,1 40000	34030	24160	18400	14830	12250	10290	8750	7510	6500	5640	4920	4300			
60,0 (r=63,7)	4,3 - 14,8 40000	39410	28130	21560	17490	14540	12300	10550	9130	7970	7000					
50,0 (r=53,7)	4,3 - 16,8 40000	40000	32710	25210	20550	17180	14620	12600	11000							
40,0 (r=43,7)	4,3 - 18,3 40000	40000	36020	27830	22760	19090	16300									

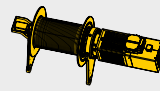
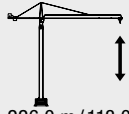
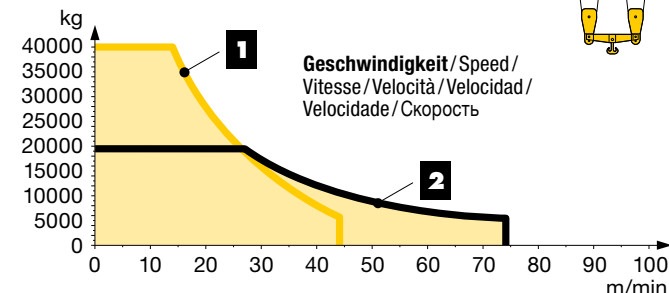



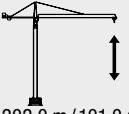
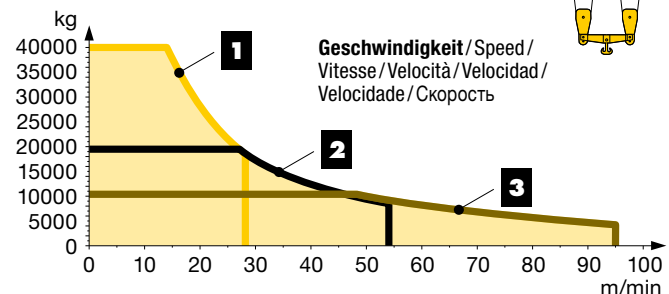
**LM 2 = Abweichende Geschwindigkeiten und Betriebsbedingungen.** / Variant speeds and service conditions. / Vitesses et conditions de fonctionnement différentes. / Differenti velocità e condizioni di funzionamento. / Otras velocidades y características de funcionamiento. / Outras velocidades e características de funcionamento. / Нестандартные скорости и условия эксплуатации.

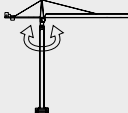
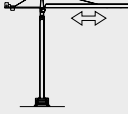
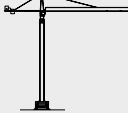
LN 303	24 HC 630			
13	76,6 <sup>1)</sup>	—	—	—
12	70,8	78,9 <sup>1)</sup>	83,1 <sup>1)</sup>	—
11	65,0	73,1 <sup>1)</sup>	77,3	85,5 <sup>1)</sup>
10	59,2	67,3 <sup>1)</sup>	71,5	79,7 <sup>1)</sup>
9	53,4	61,5	65,7	73,9 <sup>1)</sup>
8	47,6	55,7	59,9	68,1
7	41,8	49,9	54,1	62,3
6	36,0	44,1	48,3	56,5
5	30,2	38,3	42,5	50,7
4	24,4	32,5	36,7	44,9
3	18,6	26,7	30,9	39,1
2	12,8	20,9	25,1	33,3
1	7,0	15,1	19,3	27,5
0	—	9,3	13,5	21,7
	m	m	m	m
				
	24 HC 630 FA	24 HC 630 UC-1000m	24 HC 630 FAr	24 HC 630 UC-1000mr

\*)  **Weitere Hubhöhen, Auslegerlängen sowie Klettern im Gebäude auf Anfrage.** / Further hoist heights and jib lengths as well as climbing inside the building on request. / Autres hauteurs sous crochet et longueurs de flèche ainsi que hissage dans le bâtiment sur demande. / Ulteriori altezze gancho, lunghezze braccio così come telescopaggio all'interno dell'edificio: su richiesta. / Para alturas bajo gancho superiores, otros alcances y trepado en el interior del edificio, consultar. / Outras alturas de elevação, comprimentos de lança e subida no edifício: sob consulta. / Другие высоты подъема, длины стрелы и самоподъем в здании – по запросу.



	↔ <b>stufenlos/stepless/régl. continu/</b> regl. progressiva/sin escalones/ sem degraus/бесступенчатый kg m/min kg m/min												
65 kW FU <b>SD.shift</b> WIW 280 WZ 403  183,0 m/92,0 m max. 368,0 m/184,0 m <sup>1)</sup>	<b>5 Lagen</b> Layers Couches Avvolgimenti Camadas Capas Слоёв <table border="1"><tr><td><b>1</b></td><td>20000 0 ↔ 16</td><td>40000 0 ↔ 8</td></tr><tr><td></td><td>4700 0 ↔ 60</td><td>9600 0 ↔ 30</td></tr><tr><td><b>2</b></td><td>9700 0 ↔ 32</td><td>19700 0 ↔ 16</td></tr><tr><td></td><td>1700 0 ↔ 115</td><td>4100 0 ↔ 57</td></tr></table>	<b>1</b>	20000 0 ↔ 16	40000 0 ↔ 8		4700 0 ↔ 60	9600 0 ↔ 30	<b>2</b>	9700 0 ↔ 32	19700 0 ↔ 16		1700 0 ↔ 115	4100 0 ↔ 57
<b>1</b>	20000 0 ↔ 16	40000 0 ↔ 8											
	4700 0 ↔ 60	9600 0 ↔ 30											
<b>2</b>	9700 0 ↔ 32	19700 0 ↔ 16											
	1700 0 ↔ 115	4100 0 ↔ 57											
	<b>Geschwindigkeit/Speed/</b> Vitesse/Velocità/Velocidad/ Velocidade/Скорость												

	↔ <b>stufenlos/stepless/régl. continu/</b> regl. progressiva/sin escalones/ sem degraus/бесступенчатый kg m/min kg m/min												
110 kW FU <b>SD.shift</b> WIW 300 WZ 403  226,0 m/113,0 m max. 368,0 m/184,0 m <sup>1)</sup>	<b>6 Lagen</b> Layers Couches Avvolgimenti Camadas Capas Слоёв <table border="1"><tr><td><b>1</b></td><td>20000 0 ↔ 28</td><td>40000 0 ↔ 14</td></tr><tr><td></td><td>5600 0 ↔ 88</td><td>11300 0 ↔ 44</td></tr><tr><td><b>2</b></td><td>9700 0 ↔ 55</td><td>19400 0 ↔ 27</td></tr><tr><td></td><td>2600 0 ↔ 149</td><td>5900 0 ↔ 74</td></tr></table>	<b>1</b>	20000 0 ↔ 28	40000 0 ↔ 14		5600 0 ↔ 88	11300 0 ↔ 44	<b>2</b>	9700 0 ↔ 55	19400 0 ↔ 27		2600 0 ↔ 149	5900 0 ↔ 74
<b>1</b>	20000 0 ↔ 28	40000 0 ↔ 14											
	5600 0 ↔ 88	11300 0 ↔ 44											
<b>2</b>	9700 0 ↔ 55	19400 0 ↔ 27											
	2600 0 ↔ 149	5900 0 ↔ 74											
	<b>Geschwindigkeit/Speed/</b> Vitesse/Velocità/Velocidad/ Velocidade/Скорость												



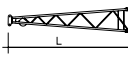

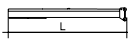

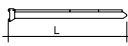



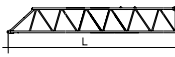

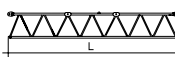









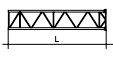



	↔ <b>stufenlos/stepless/régl. continu/</b> regl. progressiva/sin escalones/ sem degraus/бесступенчатый kg m/min kg m/min																		
110 kW FU WIW 300 VZ 432  202,0 m/101,0 m max. 520,0 m/260,0 m <sup>1)</sup>	<b>5 Lagen</b> Layers Couches Avvolgimenti Camadas Capas Слоёв <table border="1"><tr><td><b>1</b></td><td>20000 0 ↔ 28</td><td>40000 0 ↔ 14</td></tr><tr><td></td><td>9300 0 ↔ 56</td><td>18800 0 ↔ 28</td></tr><tr><td><b>2</b></td><td>9800 0 ↔ 53</td><td>19700 0 ↔ 27</td></tr><tr><td></td><td>4200 0 ↔ 107</td><td>8800 0 ↔ 54</td></tr><tr><td><b>3</b></td><td>4900 0 ↔ 95</td><td>10100 0 ↔ 48</td></tr><tr><td></td><td>1500 0 ↔ 191</td><td>4000 0 ↔ 95</td></tr></table>	<b>1</b>	20000 0 ↔ 28	40000 0 ↔ 14		9300 0 ↔ 56	18800 0 ↔ 28	<b>2</b>	9800 0 ↔ 53	19700 0 ↔ 27		4200 0 ↔ 107	8800 0 ↔ 54	<b>3</b>	4900 0 ↔ 95	10100 0 ↔ 48		1500 0 ↔ 191	4000 0 ↔ 95
<b>1</b>	20000 0 ↔ 28	40000 0 ↔ 14																	
	9300 0 ↔ 56	18800 0 ↔ 28																	
<b>2</b>	9800 0 ↔ 53	19700 0 ↔ 27																	
	4200 0 ↔ 107	8800 0 ↔ 54																	
<b>3</b>	4900 0 ↔ 95	10100 0 ↔ 48																	
	1500 0 ↔ 191	4000 0 ↔ 95																	
	<b>Geschwindigkeit/Speed/</b> Vitesse/Velocità/Velocidad/ Velocidade/Скорость																		







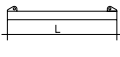



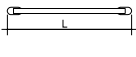

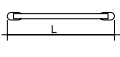



	0 ↔ U/min 0,6 sl./min tr./min	3 x 7,5 kW FU
	0 ↔ 68,0 m/min	11,0 kW FU
	25,0 m/min	4 x 7,5 kW

<sup>1)</sup> Weitere Hublastdaten: siehe Betriebsanleitung. / Further hoist load data: see instruction manual. / Autres données de la charge de levage : voir manuel d'instruction. / Altri dati sui carichi sollevati: consultare il manuale d'istruzione. / Alturas bajo granco superiores según manual. / Outras tabelas de carga: consultar manual de instruções. / Другие данные по весу поднимаемых грузов: см. инструкцию по эксплуатации.

		65 kW FU	110 kW FU
<b>kVA</b>		95,0	131,0

**Litronic®: kVA** reduzierbar bei zu geringer Netz-Anschlussleistung, siehe BAL. / kVA can be reduced in case of too little power of the mains, see instruction manual. / kVA peut être réduit en cas de trop faible puissance du réseau, voir manuel d'instruction. / kVA riducibili in caso di potenza di rete ridotta (si veda manuale uso e manutenzione) / kVA variable para potencia de red demasiado pequeña, ver Manual de instrucciones. / kVA reduzível no caso de capacidade da rede elétrica muito baixa, ver manual de instruções. / Количество кВА может быть сокращено до минимальной общей потребляемой мощности, см. инструкцию по эксплуатации.

<b>Kranoberteil</b>		Upper part of crane / Partie supérieure de grue / Parte superiore della gru / Parte superior grúa / Parte superior do guindaste / Верхняя часть крана	L (m)	B (m)	H (m)	kg <sup>2)</sup>
Pos. Item Rep Voce Pos. Ref. Pos.	Anz. Qty. Qte. Qta. Cant. Cant. Кол-во	<b>Drehbühne kpl.</b> / Slewing platform cpl. / Ensemble mât cabine cpl. / Piattaforma girevole compl. / Conjunto plataforma de giro / Plataforma giratória compl. / Поворотная платформа в сб.			6,82 2,90 3,25	17000
1	1					
2	1	<b>Turmspitze</b> / Tower head section / Porte-flèche / Testa porta-braccio / Cabeza de torre / Cabeça de araio de lança / Оголовок башни			9,40 1,78 1,91	5080
3	1	<b>Gegenausleger-Kopfstück</b> / Counter-jib head / Pointe de contre-flèche / Testa di controbraccio / Tramo punta de contrapluma / Cabeça de contralança / Концевая секция консоли противовеса			10,30 2,42 1,05	4630
4	1	<b>Gegenausleger-Anlenkstück</b> / Counter-jib heel section / Pied de contre-flèche / Settore articolato di controbraccio / Tramo primero-contrapluma / Base articulada da contra-lança / Корневая секция консоли противовеса			6,34 1,93 1,05	2700
5	2	<b>Gegenausleger-Zwischenstück</b> / Intermediate counter-jib section / Élément interm. de contre-flèche / Spezzone di controbraccio / Tramo intermedio de contrapluma / Peça suplementar da contra-lança / Промежуточная секция консоли противовеса			5,20 1,86 1,05	2305
6	1	<b>Ausleger-Anlenkstück + KAW</b> / Jib heel section / Pied de flèche / Sezione articolata braccio / Pluma tramo primero / Base articulada de lança / Корневая секция стрелы			12,03 1,74 2,30	① 5500
7	1	<b>Ausleger-Zwischenstück</b> / Intermediate jib section / Élément intermédiaire de flèche / Sezione intermedia braccio / Tramo intermedio pluma / Peça suplementar da lança / Промежуточная секция стрелы			12,02 1,74 1,98 12,02 1,74 1,96 6,00 1,74 1,96 10,40 1,74 1,96 10,40 1,74 1,96 10,40 1,74 1,96	② 3280 ③ 2570 ④ 1250 ⑤ + ⑥ 1850 ⑦ 1545 ⑧ 1140
8	1	<b>Ausleger-Kopfstück</b> / Jib head section / Pointe de flèche / Punta braccio / Tramo punta de pluma / Cabeça de lança / Концевая секция стрелы			1,86 1,74 1,96	⑨ 340
9	2	<b>Laufkatze</b> / Trolley / Chariot de distribution / Carrello / Carrito / Carro de ponte / Грузовая тележка			2,40 2,14 1,40 2,40 2,14 1,40	750 870
10	1	<b>Lasthaken und Traverse</b> / Hook and cross members / Crochet et traverses / Gancio e traversa / Gancho y tavessa / Gancho e traviesa / Грузовой крюк и траверса			4,20 1,50 0,50	2220
11	1	<b>Hubwerkseinheit (65 kW)</b> / Hoist gear unit / Treuil de levage / Gruppo meccanismo sollevamento / Mecanismo de elevación / Grupo de mecanismo elevatório / Блок грузовой лебедки			280 VZ 2,30 3,00 2,15	6750
12	1	<b>Ausleger-Abspannbock</b> / Jib gantry / Chevalet de haubange de flèche / Tirante braccio / Caballete de pluma / Cavalete de lança / Опора расчала стрелы			6,13 0,40 1,31	650
<b>Turm</b> Tower / Mât / Torre / Torre / Torre / Башня						
13	13	<b>Turmstück</b> / Tower section / Élément de mât / Elemento di torre / Tramo torre / Torre / Башенная секция			24 HC 630 TS-0580c 6,28 2,45 2,45	6450
14	1	<b>Grundturmstück</b> / Base tower section / Mât de base / Elemento di torre base / Tramo base / Peça de base de torre / Секция основания			24 HC 630 TSB-1242c 12,42 2,67 2,67	14500
<b>Klettereinrichtung</b> Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento della gru / Equipo de trepado / Acessórios p. subida no edifício / Обойма наращивания						
15	1	<b>Führungsstück kpl., geteilt</b> / Guide section cpl., split / Cage télescopique cpl., devisée / Gabbia di sopraelevazione compl., suddivisa / Torre de montaje, dividida / Peça de guia, subdividida / Направляющая секция в сб., разъемная			24 HC 630 ECGS 12,39 2,78 1,58	8550
16	1	<b>Hydraulikanlage, Stütz- und Klettertraverse</b> / Hydraulic unit, supporting and climbing crossmembers / Système hydraul. avec traverses d'appui et de télescop. / Sist. idraul., traversa di appoggio e allugam. gru / Sistema hidráulico con traviesa de apoyo y trepado / Instalação hidráulica, travessa de apoio e subida / Гидроагрегат, стойка-упор и траверса обоймы наращивания			24 HC 630 2,60 1,50 1,00	1900

Pos. Item Rep. Voce Pos. Ref. Поз.	Anz. Qty. Qte. Qta. Cant. Cant. Кол-во				L (m)	B (m)	H (m)	kg <sup>2)</sup>	
<b>Unterwagen</b> Undercarriage/Châssis/Carro/ Carro con mástil/Carro de guindaste/Опорная рама									
17	4	<b>Ausgleichsschwinge mit Schwingenlager</b> /Pivot for wheel box/Chape pour bogie/Bilanciere di equilibratura con cuscinetto bilanciante/Balancin/Balancim com suporte/Балансир с шарнирной опорой			24 HC 630	1,60	0,72	1,48	1470
18	4	<b>Fahrschemel mit Antrieb</b> /Rail bogie with drive/Bogie moteur/Telajo con grappa propulsore/Caja rodillo motriz/Quadra com grupa de propulsão/Подрамник с приводом			24 HC 630	1,45	0,82	0,72	1200
19	4	<b>Fahrschemel ohne Antrieb</b> /Rail bogie without drive/Bogie fou/Telajo senza grappa propulsore/Caja rodillo conducido/Quadra com grupa de propulsão/Подрамник без привода			24 HC 630	1,30	0,40	0,72	950
20	1	<b>Tragholm lang</b> /Long support arm/Longeron long/Longherone lungo/Brazo soporte largo/Travessa comprida/Несущая балка, длинная			24 HC 630	7,32	0,92	0,93	2330
21	2	<b>Tragholm kurz</b> /Short support arm/Longeron court/Longherone corto/Brazo soporte corto/Travessa curta/Несущая балка, короткая			24 HC 630	7,14	0,92	0,90	2180
22	4	<b>Randträger</b> /Border support/Traverse/Supporti base Traviesa/Apoio de bordo/Стяжная балка			24 HC 630	9,30	0,24	0,41	870
23	4	<b>Stützholm</b> /Support strut/Hauban de châssis/Correnti di appoggio/Tirante vertical/Travessa de apoio/Опорный подкос			24 HC 630 UC 24 HC 630 UCr	6,98 6,98	0,26 0,26	0,39 0,39	1190 1300
24	1	<b>Unterwagen-Turmstück</b> /Undercarriage tower section/Mât de châssis/Elemento di torre del carro/Tramo de carro/Peça de torre do chassis/Опорная башенная секция			24 HC 630 UC 24 HC 630 UCr	6,61 6,61	2,44 2,67	2,44 2,67	7930 9400
25	1	<b>Kiste mit Kleinteilen, Seilen</b> /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				2,00	1,00	1,00	2000
26	1	<b>Abspannungen</b> /Holding bars/Tirants/Attrezzi di ancoraggio/Tirantes/Peças de ancoragem/Пристежки				8,20	0,80	0,80	6500

<sup>2)</sup> Einzelgewichte / Single weights / Poids individuels / Singoli pesi / Tramo punta de pluma / Pesos de peças componentes / Индивидуальный вес

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