





















## Curvas de cargas - Load diagrams - Lastkurven - Courbes de charges - Curve di carico - График грузоподъёмности

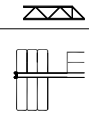
75 m 	10	14,9	15	20	25	30	35	40	45	50	55	60	65	70	75	m
	14000	14000	13942	10064	7788	6292	5233	4444	3834	3348	2951	2622	2344	2106	1900	Kg
70 m 	10	15	15,3	20	25	30	35	40	45	50	55	60	65	70	m	
	14000	14000	14000	10403	8057	6515	5423	4610	3981	3480	3071	2732	2445	2200	Kg	
65 m 	10	15	16,9	20	25	30	35	40	45	50	55	60	65	m		
	14000	14000	14000	11589	8998	7294	6089	5191	4496	3943	3492	3116	2800	Kg		
60 m 	10	15	18,8	20	25	30	35	40	45	50	55	60	m			
	14000	14000	14000	13079	10180	8274	6926	5921	5144	4524	4019	3600	Kg			
55 m 	10	15	19,4	20	25	30	35	40	45	50	55	m				
	14000	14000	14000	13588	10584	8609	7211	6170	5365	4723	4200	Kg				
50 m 	10	15	18	20	25	30	35	40	45	50	m					
	14000	14000	14000	14000	10943	8906	7465	6392	5561	4900	Kg					
45 m 	10	15	20,7	25	30	35	40	45	m							
	14000	14000	14000	11378	9267	7773	6661	5800	Kg							
40 m 	10	15	20,8	25	30	35	40	m								
	14000	14000	14000	11441	9320	7818	6700	Kg								
35 m 	10	15	20,8	25	30	35	m									
	14000	14000	14000	11415	9298	7800	Kg									

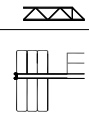
## SL-SUPERLIFT Curvas de cargas - Load diagrams - Lastkurven - Courbes de charges - Curve di carico - График грузоподъёмности

75 m 	10	15	15,9	20	25	30	35	40	45	50	55	60	65	70	75	m
	14000	14000	14000	10798	8371	6775	5645	4804	4153	3634	3211	2860	2563	2309	2090	Kg SL
70 m 	10	15	16,4	20	25	30	35	40	45	50	55	60	65	70	m	
	14000	14000	14000	11196	8686	7036	5868	4999	4326	3790	3352	2989	2682	2420	Kg SL	
65 m 	10	15	18,1	20	25	30	35	40	45	50	55	60	65	m		
	14000	14000	14000	12525	9741	7910	6615	5650	4903	4308	3823	3420	3080	Kg SL		
60 m 	10	15	20	20,2	25	30	35	40	45	50	55	60	m			
	14000	14000	14000	14000	11061	9004	7549	6465	5626	4958	4412	3960	Kg SL			
55 m 	10	15	20	20,9	25	30	35	40	45	50	55	m				
	14000	14000	14000	14000	11524	9388	7877	6751	5880	5186	4620	Kg SL				
50 m 	10	15	20	21,6	25	30	35	40	45	50	m					
	14000	14000	14000	14000	11939	9732	8170	7007	6107	5390	Kg SL					
45 m 	10	15	22,4	25	30	35	40	45	m							
	14000	14000	14000	12437	10145	8523	7315	6380	Kg SL							
40 m 	10	15	22,6	25	30	35	40	m								
	14000	14000	14000	12527	10219	8586	7370	Kg SL								
35 m 	10	15	22,6	25	30	35	m									
	14000	14000	14000	12518	10211	8580	Kg SL									

SL-SUPERLIFT Otras velocidades y características de funcionamiento – Variant speeds and service conditions – Abweichende Geschwindigkeiten und Betriebsbedingungen – Vitesses et conditions de fonctionnement différentes – Differenti velocità e condizioni di funzionamento – Нестандартные скорости и условия эксплуатации



## Bloque de contrapeso - Counterweight blocks - Gegengewichtsblöcke - Bloc de contrepoid - Blocco di contrappeso - Плиты противовеса




	75 m		70 m		65 m		60 m	
	A	B	A	B	A	B	A	B
	8	-	7	1	7	1	7	1
	22000 Kg		20750 Kg		20750 Kg		20750 Kg	

	55 m		50 m		45 m		40 m		35 m	
	A	B	A	B	A	B	A	B	A	B
	6	2	5	3	5	2	4	3	4	2
	19500 Kg		18250 Kg		16750 Kg		15500 Kg		14000 Kg	



## Mecanismos - Mechanisms - Antriebe - Mécanismes - Meccanismi - Приводы






75Hp (55Kw)-INV-5V  
400V-50/60HZ  
HBG 106m S/R Ø20  
\* HBG 200m S/R Ø20-LE

		m/min	0—24	0—30	0—38	0—72	0—110
		Kg	14000	10000	8000	4000	1000
		Kw	55	55	55	55	55

	m/min	11 / 37 / 100		
	Kw	11		
	r.p.m.	0,3	0,6	0,9
	Kw	2 x 7,5		
	m/min	12 / 24		
	Kw	4 x 3		

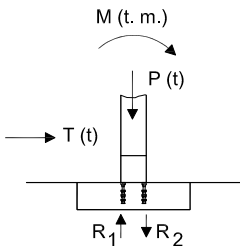
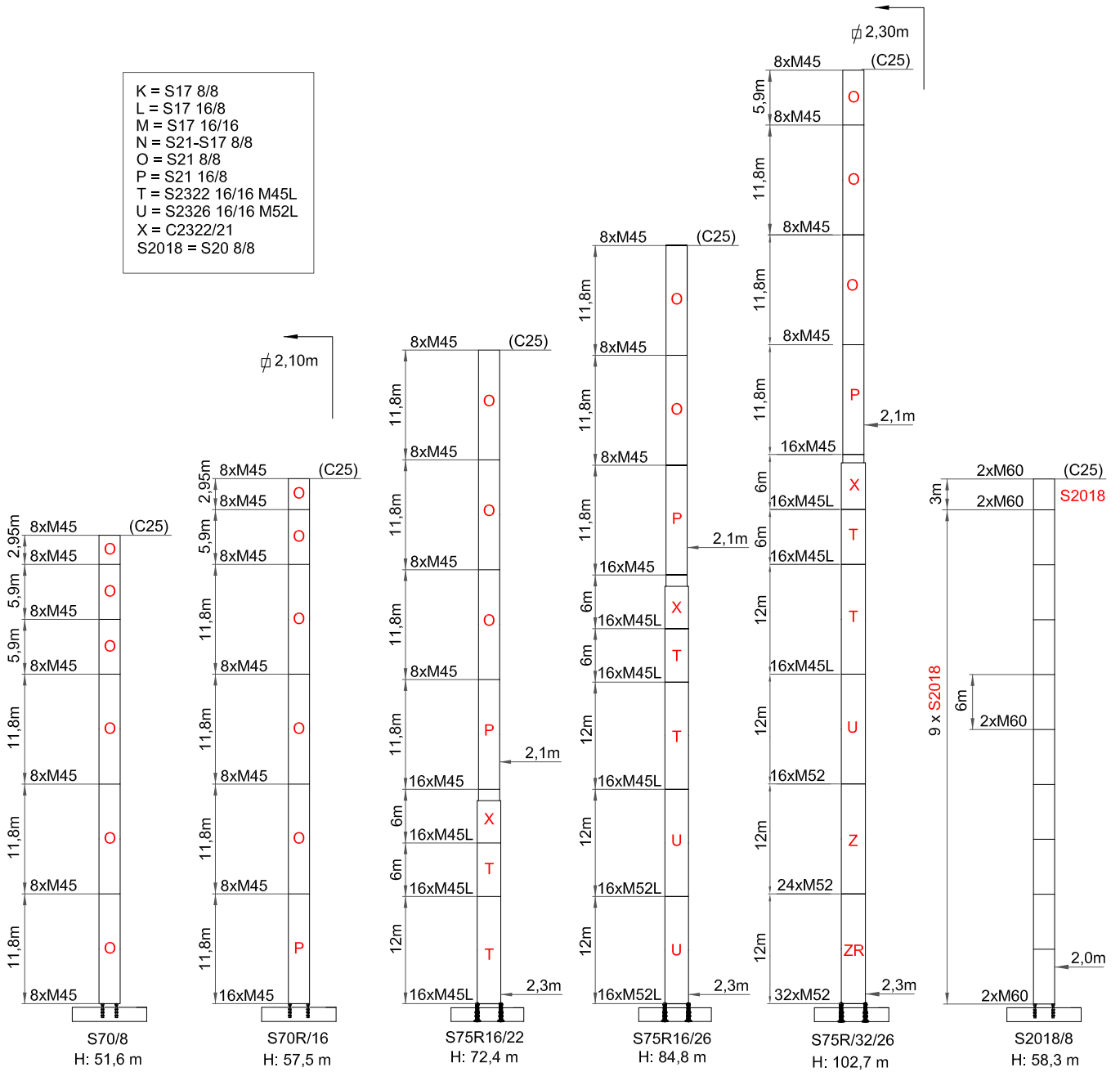
75Hp (55Kw) - INV

		400V 50Hz I <sub>max</sub> . = 187A Fuse = 224A	TOTAL POWER 109 KVA	GENERATOR 200 KVA	100m 4x50mm <sup>2</sup>	150m 4x70mm <sup>2</sup>	200m 4x120mm <sup>2</sup>
2000/14/CEE 2005/88/CEE	2006/95 /CEE	* 480V 60Hz I <sub>max</sub> . = 156A Fuse = 175A					

- \* Opcional / Optional / Opzionale
-  Elevación / Hoisting / Heben / Levage / Sollevamento
-  Distribución / Trolleying / Katzfahren / Distribution / Distributions
-  Orientación / Slewing / Schwenken / Orientation / Rotazione
-  Traslación / Travelling / Schienenfahren / Translation / Traslazione
-  Cable / Rope / Seil / Câble / Fune

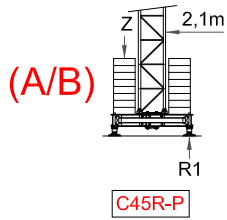
FEM 1005-C25 / EN 14439 - Mástil / Reacciones - Masts / Reactions - Mast / Eckdrücke - Mat / Réactions - Torre / Réazioni - Реакции / Комплектация башни

K = S17 8/8  
 L = S17 16/8  
 M = S17 16/16  
 N = S21-S17 8/8  
 O = S21 8/8  
 P = S21 16/8  
 T = S2322 16/16 M45L  
 U = S2326 16/16 M52L  
 X = C2322/21  
 S2018 = S20 8/8

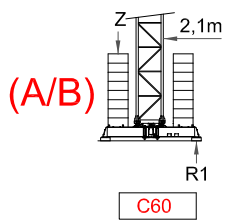


	O	P	T	U	ZR	S2018
H (m)	51,6	57,5	72,4	84,8	102,7	58,3
M (T·m)	572,2	652,5	1056,8	1368,8	2028	739
T (t)	9,3	15,5	20,9	25,4	30,5	18,3
P (t)	76,9	82	93	112,3	125	92,2
R <sub>1</sub> (t)	188,2	216	341,2	440	668,2	238,2
R <sub>2</sub> (t)	-226,7	-257,1	-387,7	-500	-730,7	-284,3

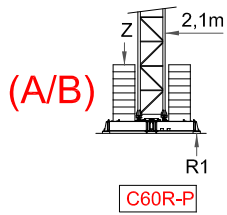
FEM 1005-C25 / EN 14439 - Bloque lastre de base - Base ballast block - Grundballastblöcke - Bloc de lest de base - Blocco di zavorra alla base - Балласты опорной рамы



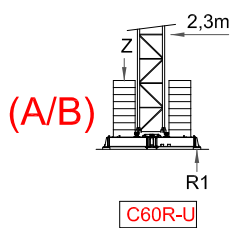
C25	H (m)	26 m	28,9 m	31,9 m	34,8 m	40,7 m	46,6 m	52,5 m	55,5 m
	R1 (t)	85,8 t	90 t	94,5 t	99,3 t	114,8 t	140,7 t	179,9 t	201,7 t
	Z (t)	90 t	90 t	100 t	100 t	110 t	140 t	170 t	210 t



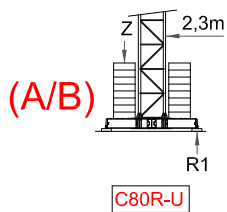
C25	H (m)	23,1 m	29 m	34,9 m	40,8 m
	R1 (t)	52,3 t	59,4 t	65,7 t	74,8 t
	Z (t)	40 t	40 t	50 t	70 t



C25	H (m)	26,2 m	32,1 m	35 m	40,9 m	46,8 m	52,7 m	55,7 m	61,6 m
	R1 (t)	54,7 t	61,8 t	66,1 t	73,7 t	89,6 t	116 t	130,5 t	162,5 t
	Z (t)	45 t	45 t	45 t	60 t	80 t	100 t	110 t	145 t



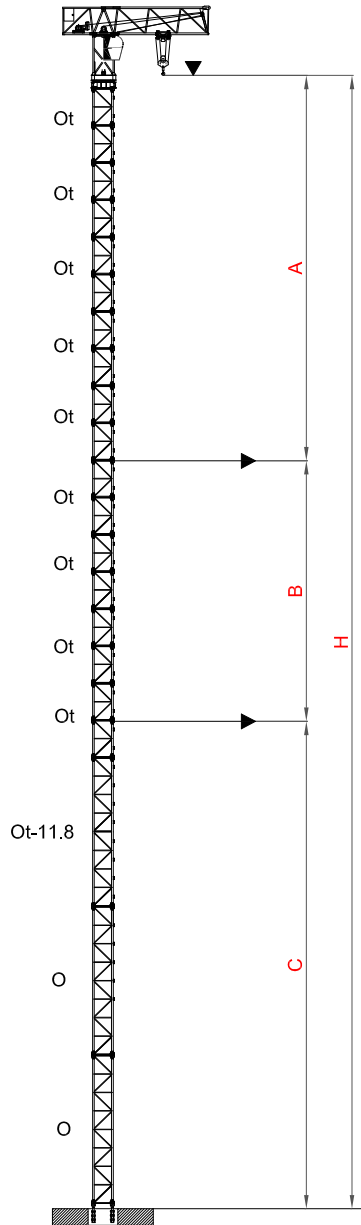
C25	H (m)	38,4 m	41,3 m	47,2 m	50,2 m	56,1 m	59 m	62 m	67,9 m
	R1 (t)	71,4 t	75,6 t	93,9 t	106,3 t	133 t	148 t	163,7 t	197,8 t
	Z (t)	50 t	60 t	75 t	85 t	110 t	120 t	135 t	190 t



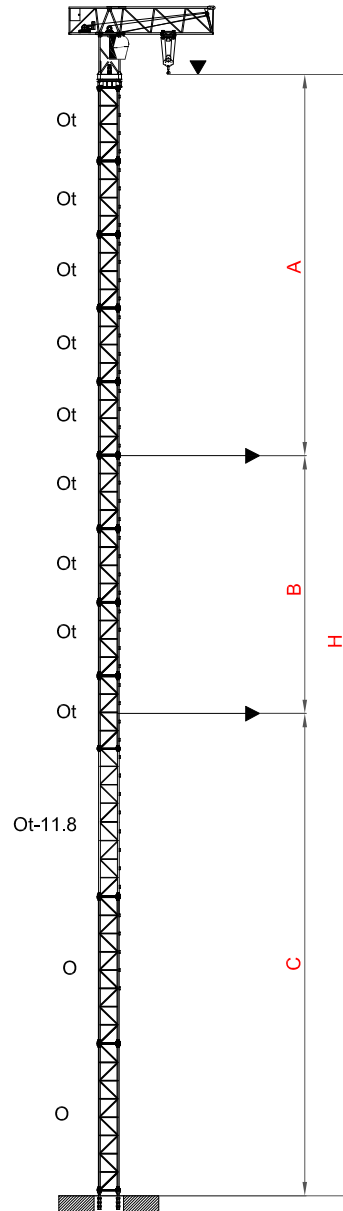
C25	H (m)	61,7 m	64,6 m	70,6 m	76,7 m	82,8 m
	R1 (t)	140,3 t	147,9 t	178,7 t	207,8 t	240,1 t
	Z (t)	80 t	90 t	120 t	155 t	220 t

Proceso de trepado - Climbing - Kletterkrane - Telescopable - Sopralzo idraulico - Процесс наращивания крана

TREPADO EXTERNO / EXTERNAL CLIMBING / GEANKERTER KRAN /  
GRUE ANDRÉE / GRU ANCORATA / ВОСХОЖДЕНИЕ ЭКСТЕРНО



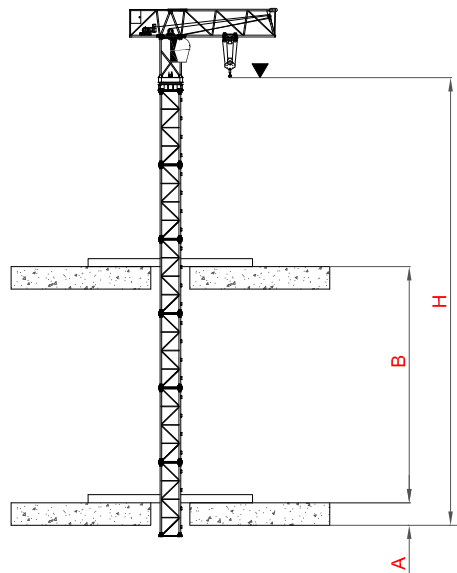
	MONOBLOCK Ot/2,95 m
A max.	30,6 m
B max.	21 m
C max.	39,8 m
Hi max.	51,6 m
H max. C+B+A	88,1 m
H max. C+B+B+A	105,2 m / (i)



	MONOBLOCK Ot/5,9 m
A max.	30,6 m
B max.	17,7 m / (i)
C max.	40,1 m
Hi max.	51,7 m
H max. C+B+A	88,4 m
H max. C+B+B+A	106,1 m / (i)

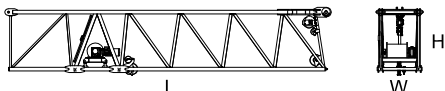
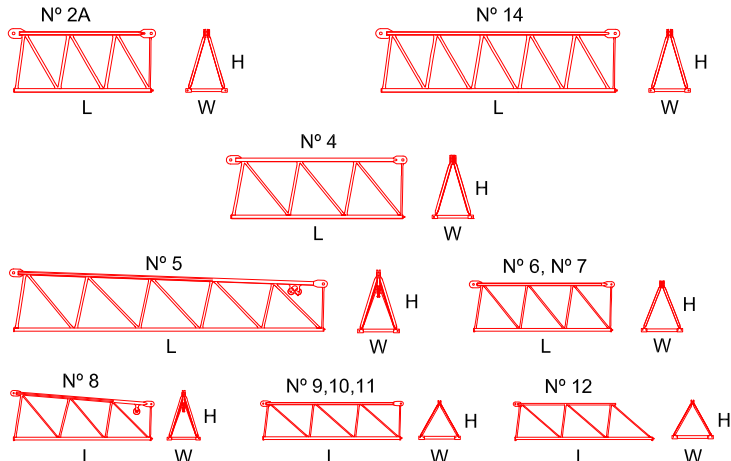
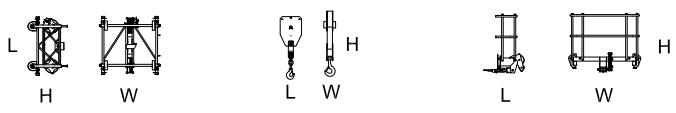
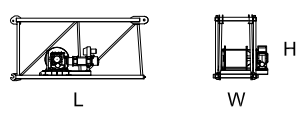
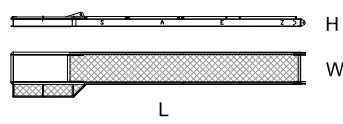
(i) Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage -  
Другие высоты подъема и наращивание крана по запросу

TREPADO INTERNO / BOTTOM CLIMBING CRANE / KLETTERKRANE IM GEBÄUDE / TÉLESCOPAGE SUR DALLES /  
GRU CLIMBING / ВНУТРЕННИЙ ПРОЦЕСС ТЕЛЕСКОПИРОВАНИЯ

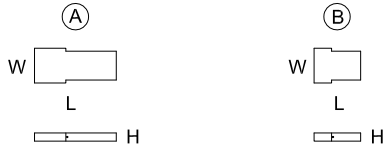
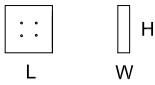
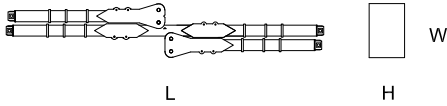
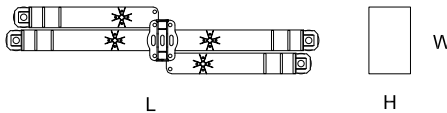
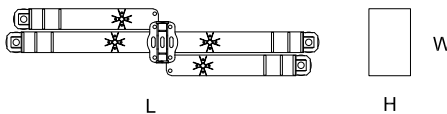
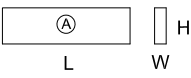


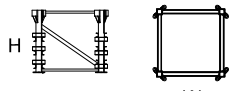
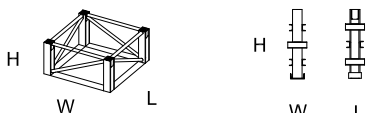
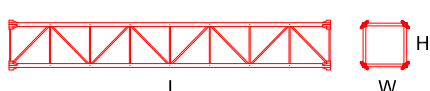
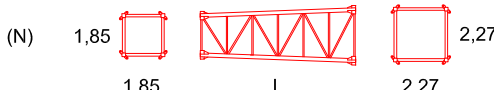
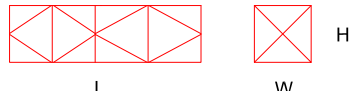
ⓘ Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage -  
Другие высоты подъема и наращивание крана по запросу

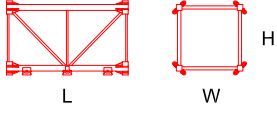
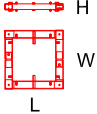
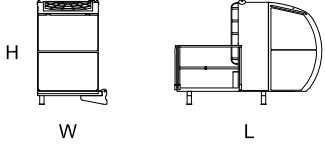
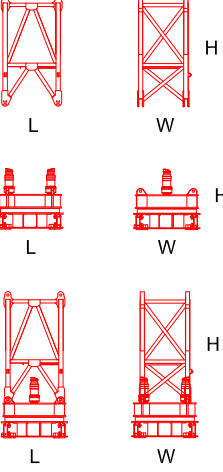
Dimensiones y transporte - dimensions and transport - Abmessungen und Transport - dimensions et des transports - dimensioni e trasporti - Размеры и транспорта

	L(m)	W(m)	H(m)	Peso(Kg)	
<p><b>Pluma tramo primero</b> / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio / Корневая секция стрелы</p> 	11,8	1,63	2,36	6900	
<p><b>Elemento intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы</p> 	2A 14 4 5 6 7 8 9 10 11 12	5,35 10,6 6,55 11,6 5,3 5,26 5,25 5,21 5,18 5,15 5,11	1,50 1,50 1,50 1,50 1,50 1,50 1,50 1,50 1,50 1,50 1,50	2,30 2,30 2,30 2,30 1,84 1,84 1,84 1,42 1,42 1,42 1,42	1700 3080 1510 2100 830 675 615 500 430 360 300
<p><b>Gancho, Carro y Puntera</b> / Hook, Trolley and jib head / Lasthaken - Laufkatze-Cabeça de Lança / Crochet - Chariot-Pointe de fleche / Gancio - Carrello e Punta freccia / Крюк и грузовая тележка</p> 	2,44	1,65	1,58	410	
<p><b>Contrapluma 1</b> / Counter-jib 1 / Gegenausleger 1 / Contre-fleche 1 / Controbraccio 1 / Консоль противовеса 1</p> 	5,00	1,90	2,32	6000	
<p><b>Contrapluma 2</b> / Counter-jib 2 / Gegenausleger 2 / Contre-fleche 2 / Controbraccio 2 / Консоль противовеса 2</p> 	11,94	1,8	0,6	3150	
<p><b>Barandillas</b> / Protection</p>				240	



	L(m)	W(m)	H(m)	Peso(Kg)	
<p><b>Bloque de contrapeso</b> / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso / Плита противовеса</p> 	A	3,5	1,25	0,29	2750
	B	1,83	1,25	0,29	1500
<p><b>Bloque apoyo de base</b> / Base support block / Grundballastblöcke / Bloc de appui de base / Blocco di appoggio alla base</p> 	2	0,5	2	5000	
<p><b>Base C60-900</b> / base C60-900 / Hauptträger für fundamentkreuz C60-900 / Base C60-900 / Base C60-900</p> 	8,66	1,47	0,96	8625	
<p><b>Base C60R-P/U</b> / base C60R-P/U / Hauptträger für fundamentkreuz C60R-P/U / Base C60R-P/U / Base C60R-P/U</p> 	9,01	1,94	1,35	13500	
<p><b>Base C80R-U</b> / base C80R-U / Hauptträger für fundamentkreuz C80R-U / Base C80R-U / Base C80R-U</p> 	11,8	1,94	1,35	17200	
<p><b>Bloque lastre de base</b> / Base ballast block / Grundballastblöcke / Bloc de lest de base / Blocco di zavorra alla base</p> 	4,5	0,51	0,9	5000	
	5,8	0,4	1,5	8000	

		L(m)	W(m)	H(m)	Peso(Kg)	
<b>Elemento de empotre</b> / Foundation anchor / Fundamentanker / Pieds de scellement / EI anpegare / Анкерные крепления						
		S60/8	1,85	1,85	1,6	956
		S60/R16	1,85	1,85	1,6	1108
		S70/8	2,27	2,27	1,6	1122
		S70R/16	2,27	2,27	1,6	1274
		S75R16/20	0,35	0,35	1,6	1200
		S75R16/22	0,5	0,5	2	1400
		S75R16/26	0,5	0,5	2,4	2100
		S75R24/26	0,5	0,5	2,4	3400
		S75R32/26	0,5	0,5	3	3500
<b>Dima</b> 		Dima	2,31	2,34	0,8	1650
<b>Elemento de torre</b> / Tower section / Turmstück / Elément de mât / Elemento di torre / Башенные секции						
		K	11,8	1,85	1,85	4620
		K	5,9	1,85	1,85	2505
		K	3	1,85	1,85	1500
		L	11,8	1,85	1,85	5325
		O	11,8	2,27	2,27	4980
		O	5,9	2,27	2,27	2680
		O	3	2,27	2,27	1580
		P	11,8	2,27	2,27	5880
		N	5,9			2850
		X	6	2,27	2,29	4830
		T	6	2,27	2,29	4780
		T	12	2,27	2,29	9000
		U	6	2,31	2,34	6200
		U	12	2,31	2,34	11180
		Z	6	2,31	2,55	7825
		Z	12	2,31	2,55	15064
		ZR	6	2,31	2,55	7925
		ZR	12	2,31	2,55	15200
		ZZR	12	2,31	2,55	15325
<b>Jaula de telescopaje tipo O</b> / Climbing cage type O / Hydraulikbühne O / Cage de telescopage type O / Gabbia di montaggio O / Монтажная обойма O						
		<b>O-2.95</b>	7,35	2,75	2,75	7000
		<b>O- 5.9</b>	11,2	2,75	2,75	9500
<b>Completa</b> / Full / Vollständige / Complete / completa / полный						
		<b>O-2.95</b>				5400
		<b>O- 5.9</b>				7900
<b>Estructura</b> / Steel frame / Struktur / Construction / Struttura / структура						
		<b>O-2.95</b>				5400
		<b>O- 5.9</b>				7900
<b>Hidraulico y accesorios</b> / Hydraulic and accessories / Hydraulik-und Zubehör / hydraulique et accessoires / idrauliche ed accessori / Гидравлические и аксессуары						
						1600

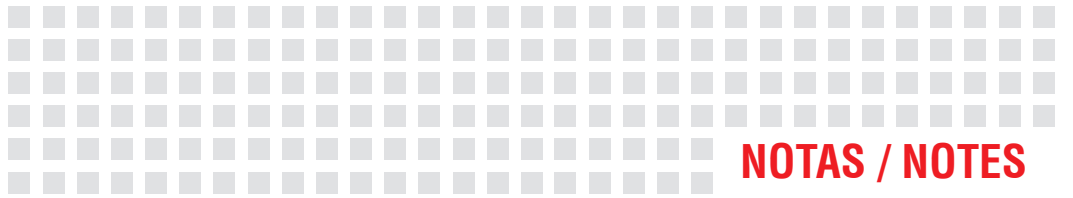
	L(m)	W(m)	H(m)	Peso(Kg)
<p><b>Tramo trepador Otr</b> / Tower section Otr / Turmstück Otr / Élément de mât Otr / Elemento di torre Otr / Башенные секции Otr</p> 	2,95	2,27	2,27	1590
	5,9	2,27	2,27	2710
	11,8	2,27	2,27	5102
<p><b>Marco trepado externo</b> / Tie-frame / Cadre d'encrage externe / Sopralzo con ancoraggio esterno / внешняя рамка пристежки</p> 	2,76	2,76	0,26	1135
<p><b>Cabina y soporte</b> / Cabin and platform / Kabine und wartungs / Cabine et support / Cabina e supporto / Кабина с основой</p> 	3,00	1,15	2,35	1210
<p><b>Unidad de rotacion</b> / Complete slewing unit / Drehbühne / Orientation / Rotazione / Оголовок башни</p> 	2,22	1,64	3,28	1950
	2,32	2,32	1,83	6400
	2,32	2,32	4,43	8350



40" HC x 9 - HBG 36 m



x 8 - HBG 36 m



NOTAS / NOTES

Lined area for notes, consisting of 25 horizontal lines.

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