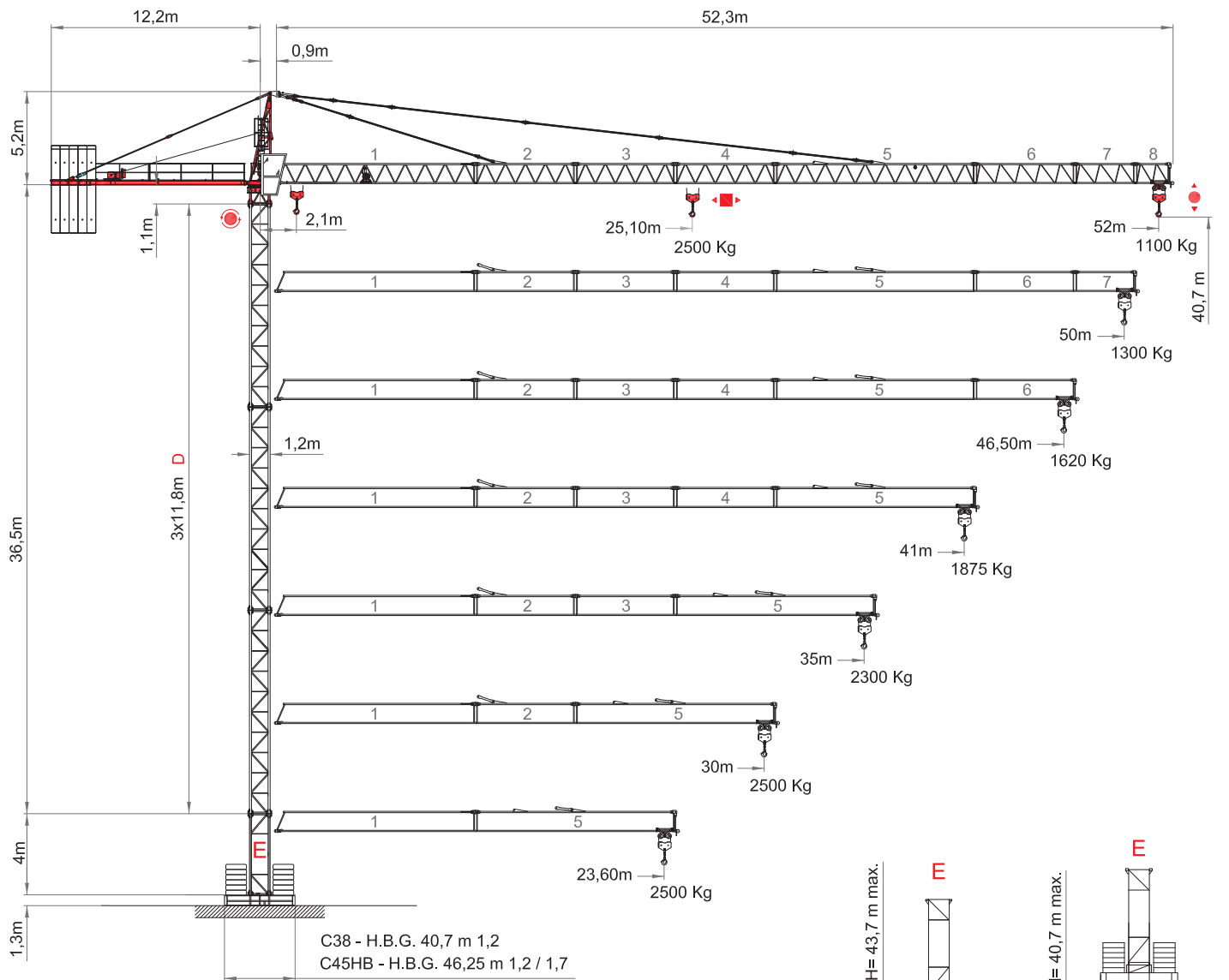


Curvas de cargas - Load diagrams - Lastkurven - Courbes de charges - Curve di carico - График грузоподъёмности

52 m



18	20	23,6	24	25,1	26	28	30	33	35	37	39	41	44	46,5	48	50	52	m
2500	2500	2500	2500	2500	2400	2215	2055	1850	1730	1625	1535	1450	1335	1270	1210	1150	1100	Kg
9	12	15	15,5	18	21	23,6	27	30	33	35	38	41	44	46,5	48	50	52	m
4000	4000	4000	4000	3400	2870	2590	2160	1900	1700	1580	1430	1300	1190	1120	1060	1000	950	Kg



50 m



18	20	23,6	24	26	27,8	28	30	33	35	37	39	41	44	46,5	48	50	m
2500	2500	2500	2500	2500	2500	2480	2300	2075	1945	1825	1725	1630	1505	1430	1365	1300	Kg
9	12	15	17,2	18	21	23,6	27	30	33	35	38	41	44	46,5	48	50	m
4000	4000	4000	4000	3815	3220	2900	2430	2150	1925	1795	1625	1480	1355	1280	1215	1150	Kg



46,5 m



18	20	23,6	24	26	28	30	31,1	33	35	37	39	41	44	46,5	m
2500	2500	2500	2500	2500	2500	2500	2500	2335	2190	2065	1945	1840	1705	1620	Kg
9	12	15	18	19,2	21	23,6	27	30	33	35	38	41	44	46,5	m
4000	4000	4000	4000	4000	3635	3290	2750	2440	2190	2040	1850	1690	1555	1470	Kg



41 m



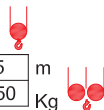
18	20	23,6	24	26	28	30	31,5	33	35	37	39	41	m
2500	2500	2500	2500	2500	2500	2500	2500	2380	2230	2100	1980	1875	Kg
9	12	15	18	19,5	21	23,6	27	30	33	35	38	41	m
4000	4000	4000	4000	4000	3700	3350	2800	2490	2230	2080	1890	1725	Kg



35 m



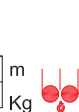
18	20	23,6	24	26	28	30	32,4	33	35	m	
2500	2500	2500	2500	2500	2500	2500	2500	2450	2300	Kg	
9	12	15	18	20,1	21	23,6	27	30	33	35	m
4000	4000	4000	4000	4000	3815	3450	2890	2570	2300	2150	Kg



30 m



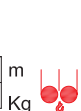
18	20	23,6	24	26	28	30	m			
2500	2500	2500	2500	2500	2500	2500	Kg			
9	12	15	18	19,6	21	23,6	27	30	m	
4000	4000	4000	4000	4000	3720	3360	2815	2500	Kg	 



23,6 m



18	20	23,6	m				
2500	2500	2500	Kg				
9	12	15	18	18,1	21	23,6	m
4000	4000	4000	4000	4000	3415	3000	Kg



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

	52 m			50 m			46,5 m			41 m		
	A	B	C	A	B	C	A	B	C	A	B	C
	5	-	-	5	-	-	5	-	-	4	-	1
	11500 Kg			11500 Kg			11500 Kg			10050 Kg		

	35 m			30 m			23,6 m		
	A	B	C	A	B	C	A	B	C
	3	1	-	3	-	-	2	-	-
	8300 Kg			6900 Kg			4600 Kg		

Mecanismos - Mechanisms - Antriebe - Mécanismes - Meccanismi - Приводы

(SF19) 25 Hp (18,5 Kw) 3V
H.B.G. 84m S/R Ø10mm

								
		m/min	8	31	62	4	16	31
		Kg	2500	2500	1500	4000	4000	2600
		Kw	18,5	18,5	18,5	18,5	18,5	18,5
		m/min	30 / 60			30 / 60		
		Kw	3			3		
		r.p.m	0,3	0,6	0,9	0,3	0,6	0,9
		Nm	2x55			2x55		
		m/min	20			20		
		Kw	2x2,2			2x2,2		

* (SF19INV) 25 Hp (18,5 Kw) INV
H.B.G. 94m S/R Ø10mm

								
		m/min	8	31	62	4	16	31
		Kg	2500	2500	1500	4000	4000	2600
		Kw	18,5	18,5	18,5	18,5	18,5	18,5

		400 V 50 Hz	* 460 V 60 Hz	* 25 Hp (18,5 Kw) 31 Kw / 120 kVA 15 Hp (11,5 Kw) 3V 24 Kw / 90 kVA
2000/14/CEE 2005/88/CEE	2006/95 /CEE			

	25 m	50 m	100 m
25 Hp (18,5 KW) 3V	4 x 25 mm ²	4 x 25 mm ²	4 x 25 mm ²
25 Hp (18,5 KW) INV	4 x 25 mm ²	4 x 25 mm ²	4 x 25 mm ²

* Opcional / Optional / Opzionale

 Elevación / Hoisting / Heben / Levage / Sollevamento

 Distribución / Trolleying / Katzfahren / Distribution / Distribuzione

 Orientación / Slewing / Schwenken / Orientation / Rotazione

 Traslacion / Travelling / Schienenfahren / Translation / Traslazione

 Cable / Rope / Seil / Câble / Fune

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

C = TORRE S/TL 36-41-46-40-45 1,20 M39/M39

D = TORRE S/TL 50-52 1,20 M39/M39 8/8

E = TORRE TL 55 1,20 M39/M39 8/8

J = CAMPANA S17 10m 1,2/1,7 M39/M45 8/8

K = TORRE S17 1,70 M45 8/8

L = TORRE S17 1,70 M45 16/8

M = TORRE S17 1.70 M45 16/16

N = CAMPANA S21-S17 8/8 M45

O = TORRE S21 8/8 M45

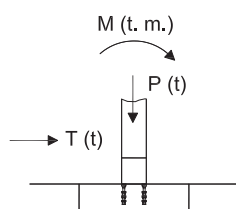
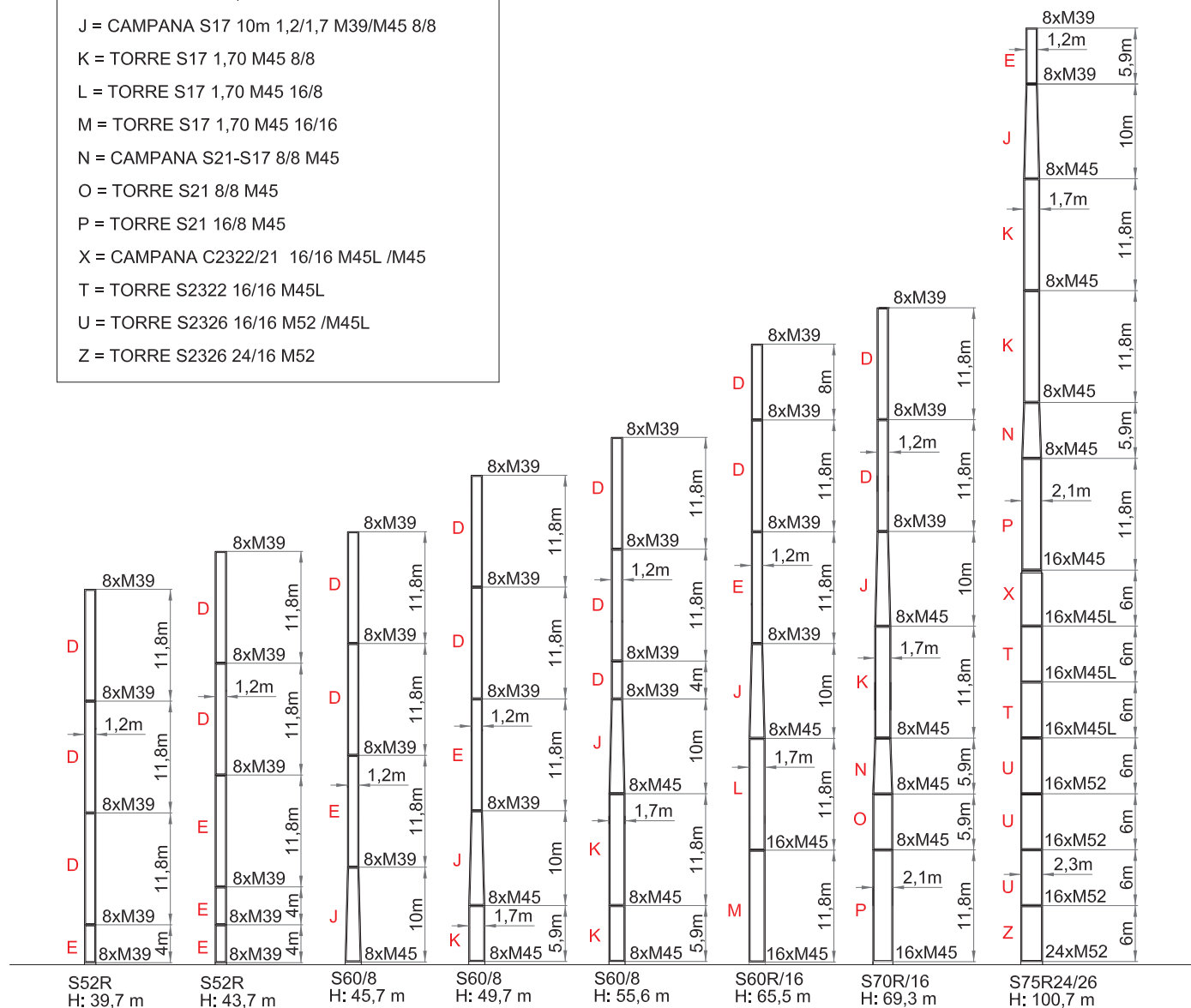
P = TORRE S21 16/8 M45

X = CAMPANA C2322/21 16/16 M45L /M45

T = TORRE S2322 16/16 M45L

U = TORRE S2326 16/16 M52 /M45L

Z = TORRE S2326 24/16 M52

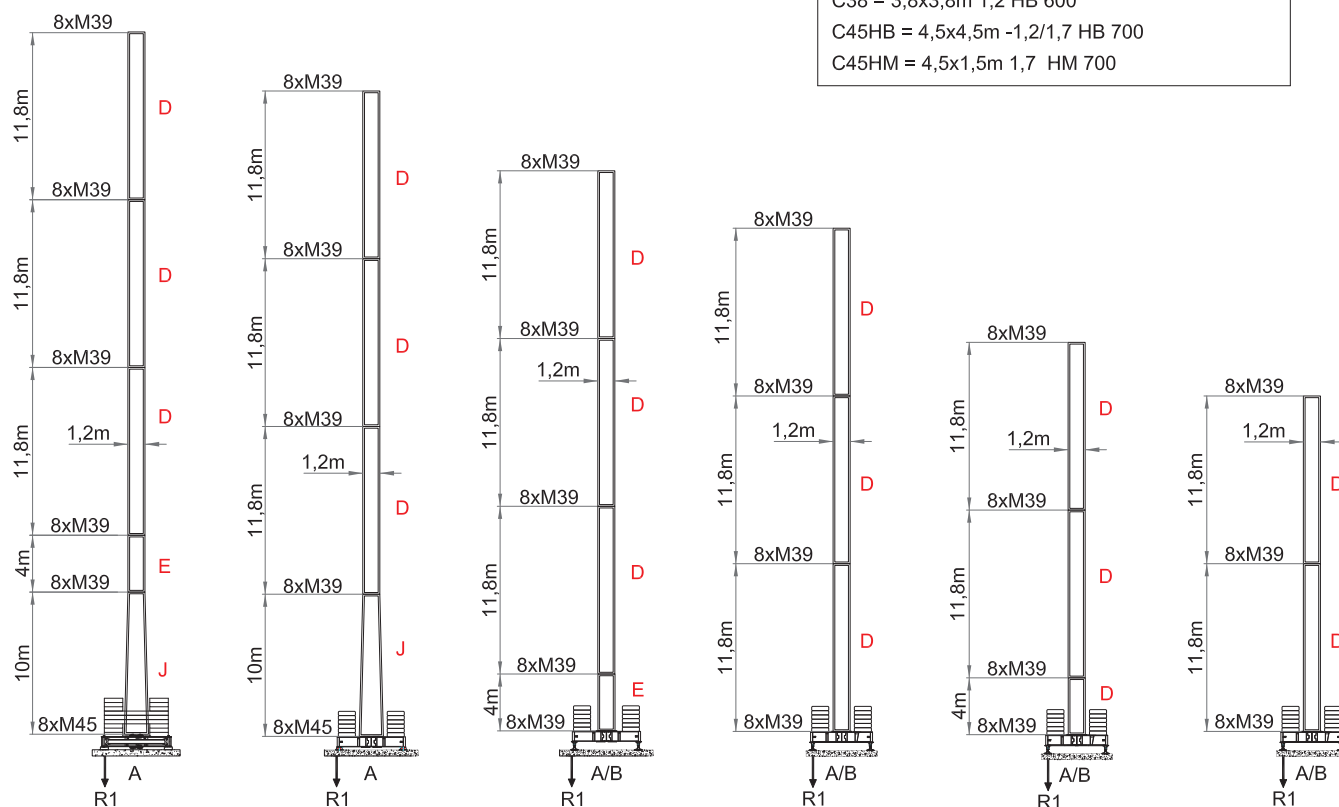


H (m)	23,8	35,6	39,7	43,7	45,7	49,7	53,7	57,5
M (T·m)	106,4	160	197,4	249	262	318	355,2	409
T (t)	4,9	6,5	7,1	7,8	8,2	8,9	9,4	10,1
P (t)	19	21,5	22,6	23,8	25,1	26,8	27,7	29,8

H (m)	63,4	65,5	69,3	75,2	81,5	91,6	100,7
M (T·m)	493,2	520	594	694	830	1170	1350
T (t)	11,1	12,4	13,5	15	16,5	20,5	23
P (t)	33,2	39,7	45	50	54,4	69	76

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

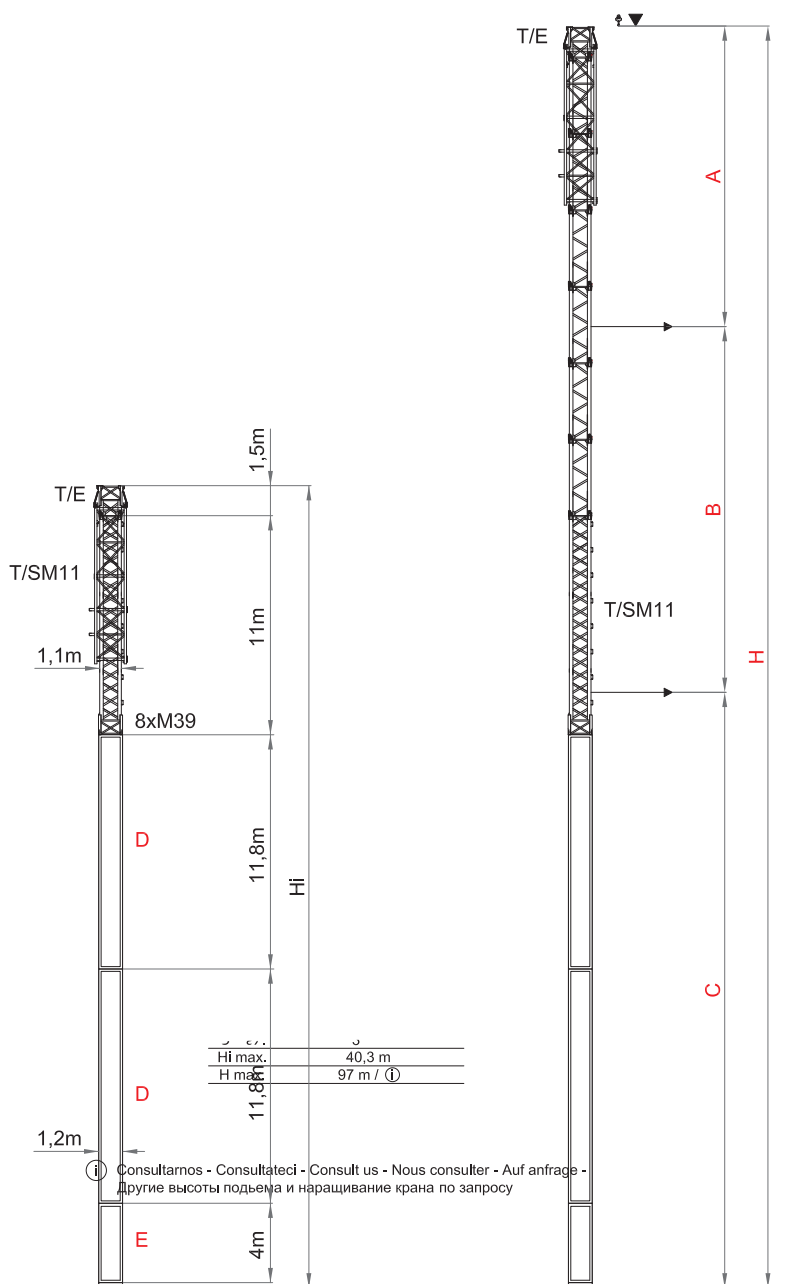
D = TORRE S/TL 50-52 1,20 M39/M39 8/8
E = TORRE TL 55 1,20 M39/M39 8/8
J = CAMPANA S17 10m 1,20/1,70 M39/M45 8/8
C38 = 3,8x3,8m 1,2 HB 600
C45HB = 4,5x4,5m -1,2/1,7 HB 700
C45HM = 4,5x1,5m 1.7 HM 700



H(m): 50,6	H(m): 46,25	H(m): 40,7	H(m): 36,7	H(m): 28,9	H(m): 24,9
C45HM	C45HB	C38	C38	C38	C38
LASTRE: 121,6 Tn	LASTRE: 98,8 Tn	LASTRE: 83,6 Tn	LASTRE: 60,8 Tn	LASTRE: 53 Tn	LASTRE: 45,6 Tn
R1= 82,1 Tn	R1= 69,8 Tn	R1= 61,3 Tn	R1= 49 Tn	R1= 43,12 Tn	R1= 39,2 Tn

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

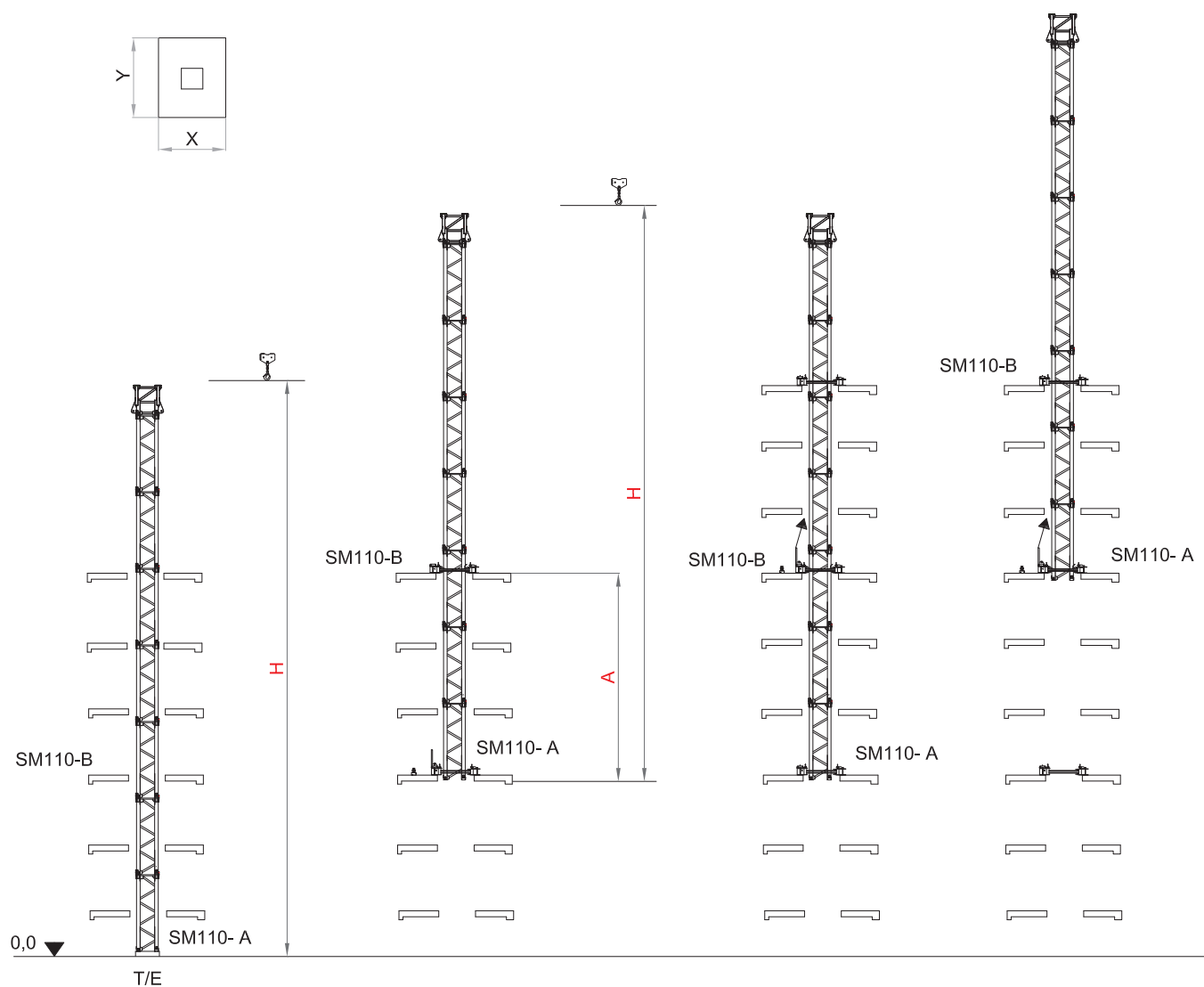
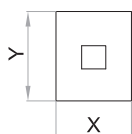
TREPADO EXTERNO / EXTERNAL CLIMBING / GEANKERTER KRAN /
GRUE ANDRÉE / GRU ANCORATA / ВОСХОЖДЕНИЕ ЭКСТЕРНО



	MONOBLOCK SM110/3,85
A max.	28,5 m
B max.	19,25 m
C max.	20 m

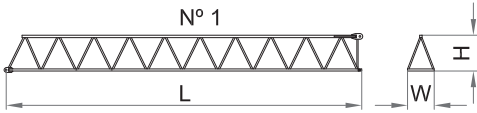
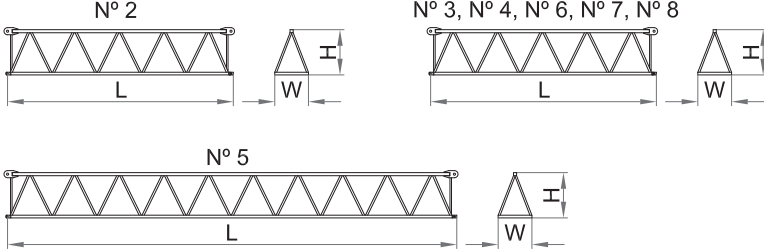
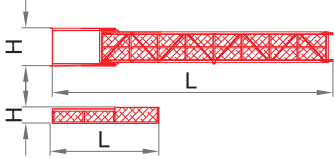
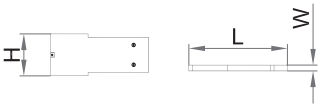
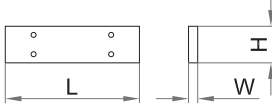
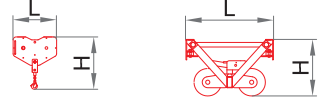
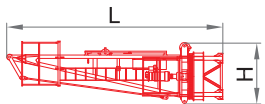
TREPADO INTERNO / BOTTOM CLIMBING CRANE / KLETTERKRANE IM GEBÄUDE / TÉLESCOPAGE SUR DALLES /
GRU CLIMBING / ВНУТРЕННИЙ ПРОЦЕСС ТЕЛЕСКОПИРОВАНИЯ

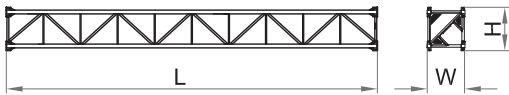
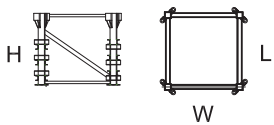
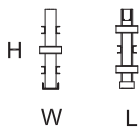
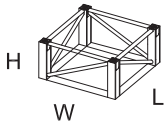
	MONOBLOCK SM110/3,85
A max.	8 - 11 m
H	28,5 m
X	1,8 m
Y	2,15 m

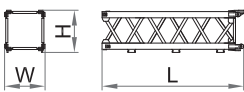
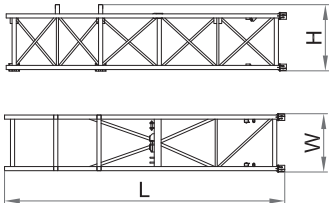
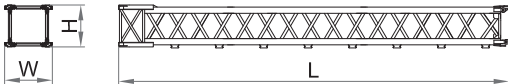
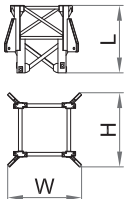
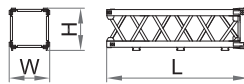
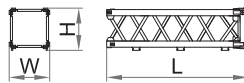


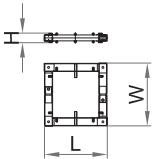
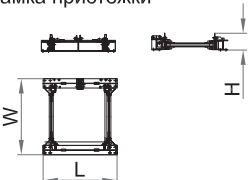
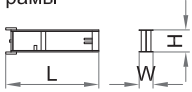
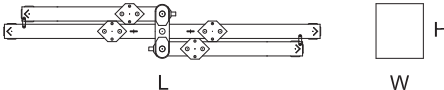
① Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage -
Другие высоты подъема и наращивание крана по запросу

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)
Pluma tramo primero / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio / Корневая секция стрелы					
	N° 1	11,85	1,04	1,3	982
	1				
Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы					
	N° 2	5,94	0,95	1,32	465
	N° 3, N° 4, N° 6, N° 7, N° 8	5,94	0,95	1,22	475
	2	5,94	0,95	1,22	450
	3	11,74	0,95	1,32	915
	4	5,14	0,95	1,22	328
	5	3,64	0,95	1,22	225
	6	2	0,95	1,22	142
	8				
Contrapluma / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio / Консоль противовеса					
		11,5	0,26	1,48	1480
		4,05	0,33	0,58	96
Bloque de contrapeso / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso / Плита противовеса					
	A	2,94	0,30	1,25	2300
	B	2,94	0,18	1,25	1400
	C	1,70	0,18	1,25	850
Bloque lastre de base / Base ballast block / Grundballastblöcke / Bloc de lest de base / Blocco di zavorra alla base / Плиты балласта опорной рамы					
		4,4	1,2	0,3	3800
Gancho y Carro / Hook and Trolley / Lasthaken - Laufkatze / Crochet - Chariot / Gancio e Carrello / Крюк и грузовая тележка					
		0,75	0,12	1,40	164
		0,96	1,10	0,62	118
Cabeza de torre / Tower head / Turmspitze / Porte - flèche / Testa di torre / Оголовок башни					
		6,5	1,8	1,7	3504

		L(m)	W(m)	H(m)	Peso(Kg)	
Elemento de torre / Tower section / Turmstück / Elément de mât / Elemento di torre / Башенные секции						
	D	11,8	1,2	1,38	3017	
	D	8	1,2	1,38	2075	
	D	5,9	1,2	1,38	1560	
	D	4	1,2	1,38	1100	
	E	11,8	1,2	1,38	3782	
	E	8,0	1,2	1,38	2654	
	E	5,9	1,2	1,38	2090	
	E	4,0	1,2	1,38	1527	
	J	10	1,85	1,38	3520	
	K	11,8	1,85	1,85	4600	
	K	5,9	1,85	1,85	2472	
	K	3	1,85	1,85	1425	
	L	11,8	1,85	1,85	5520	
	M	11,8	1,85	1,85	5670	
	N	5,9	2,27	2,27	3500	
	O	11,8	2,27	2,27	5044	
	O	5,9	2,27	2,27	2640	
	O	3	2,27	2,27	1545	
	P	11,8	2,27	2,27	5700	
	Q	11,8	2,27	2,27	5900	
	X	6	2,27	2,29	4000	
	T	6	2,27	2,29	4300	
	U	6	2,31	2,34	5910	
	Z	6	2,61	2,34	5980	
Elemento de empotre / Foundation anchor / Fundamentanker / Pieds de scellement / El annegare / Анкерные крепления						
	S51	1,2	1,38	1,42	496	
	S52R	1,2	1,38	1,42	594	
	S60/8	1,85	1,85	1,6	956	
	S60R/16	1,85	1,85	1,6	1108	
	S70/8	2,28	2,28	1,6	1122	
	S70R/16	2,28	2,28	1,6	1274	
		S75R8/20	0,35	0,35	1,6	1200
		S75R16/22	0,50	0,50	2	2840
		S75R16/26	0,50	0,50	2,4	3160
		S75R24/26	0,50	0,50	2,4	3400
	DIMA	2,31	2,34	0,8	1650	
Cabina y soporte / Cabin and platform / Kabine und wartungs / Cabine et support / Cabina e supporto / Кабина с основой						
		3,00	1,15	2,35	558	

	L(m)	W(m)	H(m)	Peso(Kg)
Tramo trepador SM110 / Climbing tower section / Turmstück / Mâtüre téléscopable / Elemento di torre monolitico / Монтажная секция башни 	4,09	1,17	1,22	1290
Jaula de telescopaje SM110 / Climbing cage SM110 / Hydraulikbühne SM110 / Cage de telescopage SM110 / Gabbia di montaggio SM110 / Монтажная обойма SM110 Completa / Full / Vollständige / Complete / completa / полный 	8,1	1,7	1,92	3840
Estructura / Steel frame / Struktur / Construction / Struttura / структура				2425
Hidraulico y accesorios / Hydraulic and accessories / Hydraulik-und Zubehör / hydraulique et accessoires / idrauliche ed accessori / Гидравлические и аксессуары				1415
Tramo de transición SM11-1,2/1,09 / Climbing connection frame / Turmstück Elément de transition / Telaio di raccordo a spinta / Переходная секция башни 	11,2	1,38	1,21	3695
Tramo de enlace a caja SM110-1,09/1,2 / Climbing cage connection frame / Turmstück Elément de connection pour la cage de téléscopage / Telaio di raccordo a spinta / Секция башни для соединения с кабиной 	1,5	1,65	1,65	875
Tramo trepador SM110 - A / Climbing tower section / Turmstück / Mâtüre téléscopable / Elemento di torre monolitico / Монтажная секция башни 	4,09	1,17	1,22	1900
Tramo trepador SM110 - B / Climbing tower section / Turmstück / Mâtüre téléscopable / Elemento di torre monolitico / Монтажная секция башни 	4,09	1,17	1,22	1750

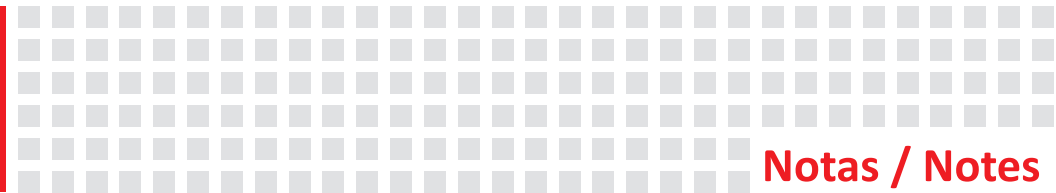
	L(m)	W(m)	H(m)	Peso(Kg)
Marco trepado externo / Tie-frame / Cadre d'encrage externe / Sopralzo con ancoraggio esterno / внешняя рамка пристежки 	1,7	1,7	0,26	720
Marco trepado interno / Floor climbing frame / Cadre d'encrage interne / Sopralzo interno / внутренняя рамка пристежки 	2,4	2,38	0,45	1503
Hidraulico y accesorios / Hydraulic and accessories / Hydraulik-und Zubehör / hydraulique et accessoires / idrauliche ed accessori / Гидравлические и аксессуары				1100
Viga principal base C38 / Main base beam / Hauptträger für fundamentkreuz / Poutre de châssis de base / Trave principale della base / Несущая балка опорной рамы HB600 	5,72	0,67	0,65	1570
Semiviga secundaria base C38 / Half base beam / Halbträger für fundamentkreuz / Semipoutre de châssis de base / Semitrave secundaria della base / Вспомогательная балка опорной рамы 	2,77	0,45	0,665	800x2
Viga principal base C45HB / Main base beam / Hauptträger für fundamentkreuz / Poutre de châssis de base / Trave principale della base / Несущая балка опорной рамы HB600 	6,66	0,72	0,77	2598
Semiviga secundaria base C45HB / Half base beam / Halbträger für fundamentkreuz / Semipoutre de châssis de base / Semitrave secundaria della base / Вспомогательная балка опорной рамы 	3,25	0,58	0,77	1228x2
Base Cruciforme C45HM / Crossbase C45HM / Fundamentkreuz C45HM / Châssis C45HM / Carro base C45HM 	6,7	1,1	1,2	5750
Vigas auxil. de base / Half base beams / Halbträger für fundamentkreuz / Semipoutre de châssis de base / Travi di congiunzioni di congiunzione 	4,4	0,3	0,55	220x2



40" HC x 3 - HBG 39,7 m



x 2 - HBG 36 m



Specifiche suscettibili di variazioni senza preavviso.

Le indicazioni contenute si intendono salvo errori ed omissioni.