





























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	
	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		
	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	2335	2190	2065	1945	1840	1705	1620	Kg					
	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	2380	2230	2100	1980	1875	Kg							
	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	2450	2300	Kg										
	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												
	4000	4000	4000	4000	4000	3720	3360	2815	2500	Kg										
23.6 m 	18	20	23,6	m																
	2500	2500	2500	Kg																
	4000	4000	4000	4000	4000	3415	3000	Kg												






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





	52 m			46,5 m			41 m			35 m			30 m			23,6 m		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
	5	-	-	5	-	-	4	-	1	3	1	-	3	-	-	2	-	-
	11500 Kg			11500 Kg			10050 Kg			8300 Kg			6900 Kg			4600 Kg		

Mecanismos- Mechanisms- Antriebe- Mécanismes- Meccanismi - Приводы

(SF19)25 Hp (18,5 Kw) 3V H.B.G. 84 S/R Ø10mm								
	240 m	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	2 x 2,2			2 x 2,2		

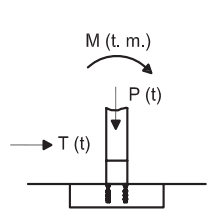
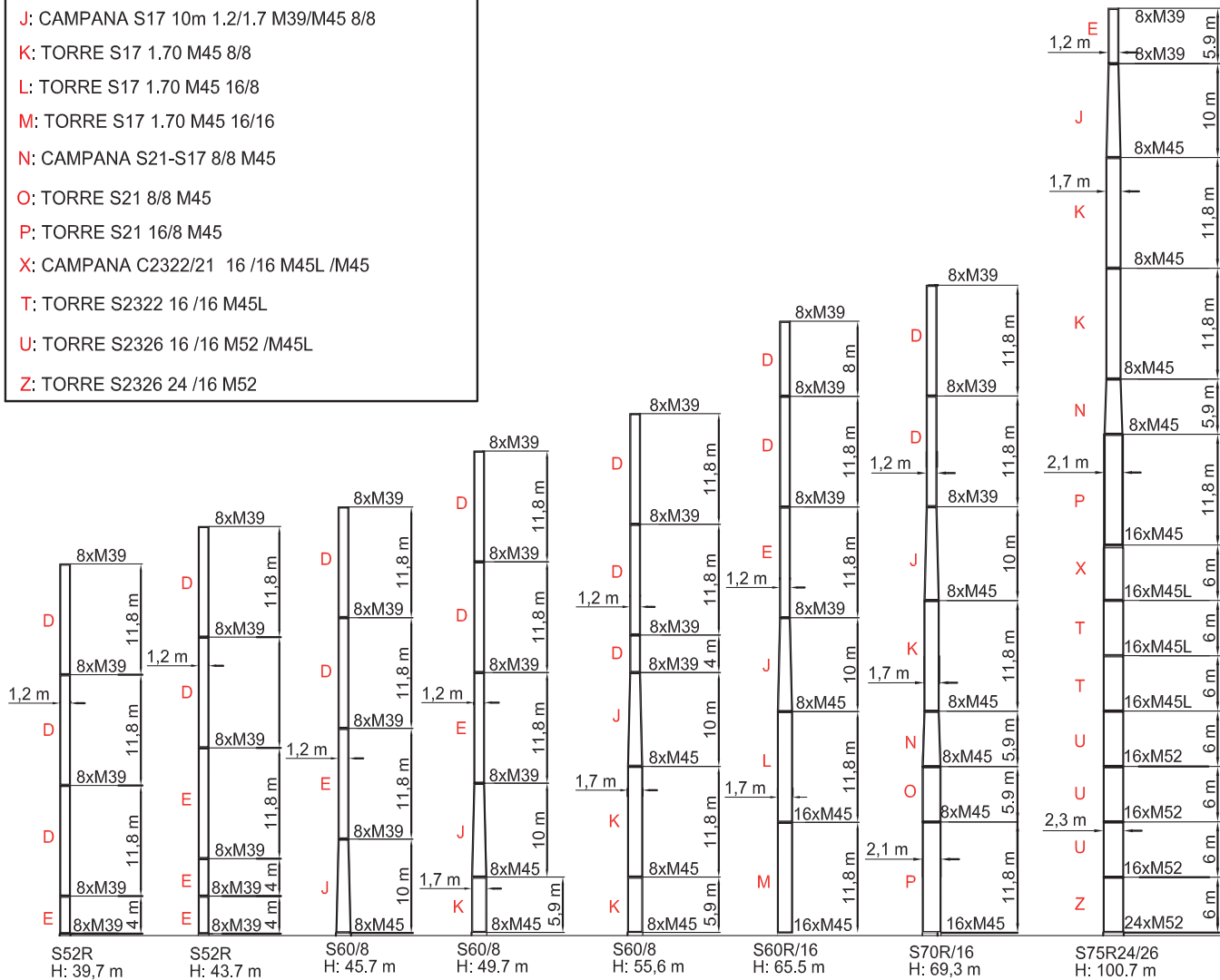
* (SF19INV)25 Hp (18,5 Kw) INV H.B.G. 94 S/R Ø10mm								
	265 m	m/min	8	31	62	4	16	31
		Kg	2500	2500	1500	4000	4000	2600
		Kw	18,5	18,5	18,5	18,5	18,5	18,5

		400 V 50 Hz	* 460 V 60 Hz	* 25 Hp (18,5 Kw) 31 Kw / 120 kVA 15 Hp (11,5Kw) 3V 24 Kw / 90 kVA		25 m	50 m	100 m	
2000/14/CEE 2005/88/CEE	2006/95 /CEE					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 / Опция
-  Elevación / Hoisting / Heben / Levage / Sollevamento / Механизм подъема
-  Distribución / Trolleying / Katzfahren / Distribution / Diritubuzione / Передвижения грузовой тележки
-  Orientación / Slewing / Schwenken / Orientation / Rotazione/ Механизм поворота
-  Traslacion / Travelling / Schienenfahren / Translation / Traslazione / Механизм передвижения

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

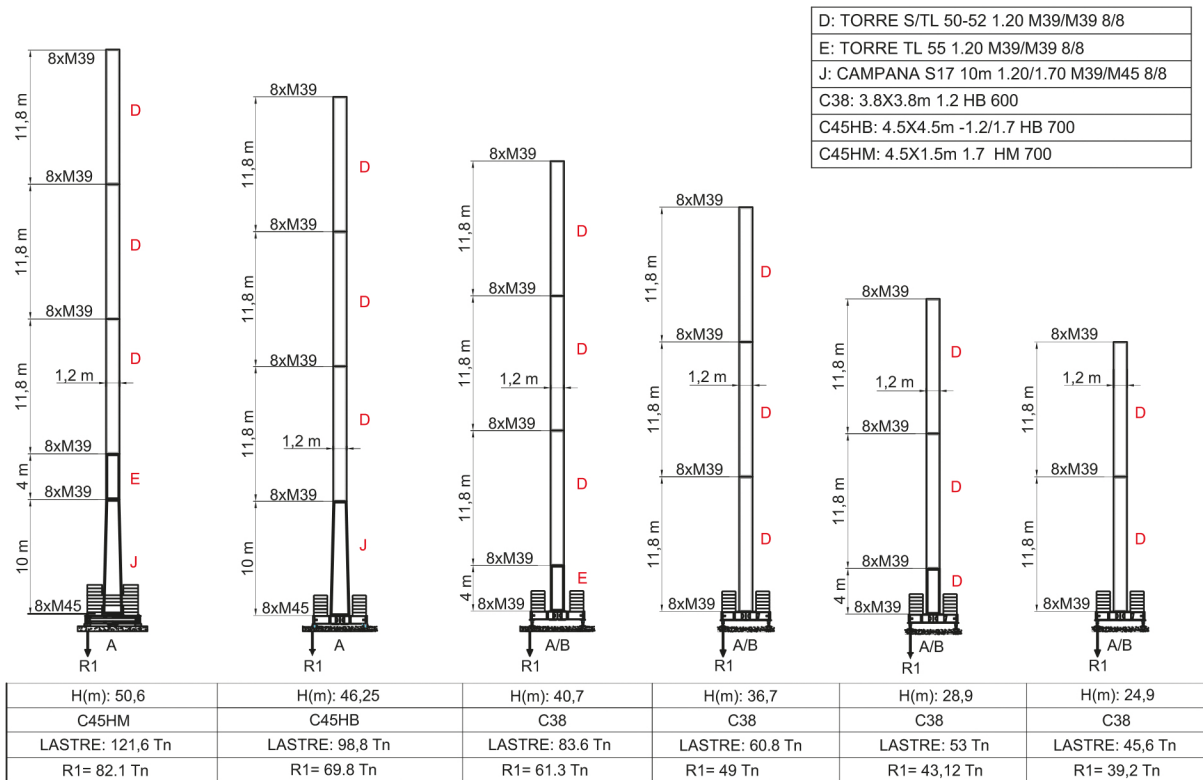
- C: TORRE S/TL 36-41-46-40-45 1.20 M39/M39
- D: TORRE S/TL 50-52 1.20 M39/M39 8/8
- E: TORRE TL 55 1.20 M39/M39 8/8
- J: CAMPANA S17 10m 1.2/1.7 M39/M45 8/8
- K: TORRE S17 1.70 M45 8/8
- L: TORRE S17 1.70 M45 16/8
- M: TORRE S17 1.70 M45 16/16
- N: CAMPANA S21-S17 8/8 M45
- O: TORRE S21 8/8 M45
- P: 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

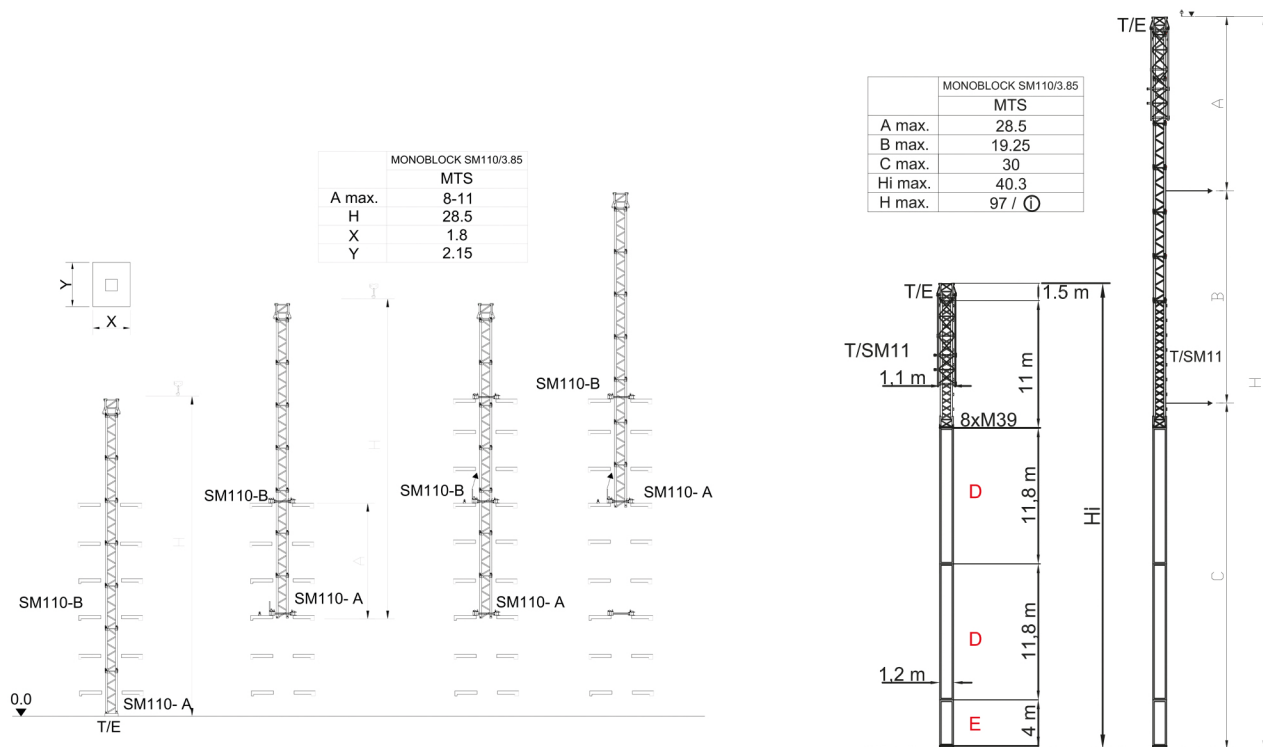
FEM 1005-C25 / EN 14439- Bloque lastre de base- Base ballast block- Grundballastblöcke -
 Bloc de lest de base- Blocco di zavorra alla base - Балласты опорной рамы



Proceso de trepado- External climbing- Kletterkrane- Telescopable- Sopralzo idraulico - Процесс наращивания крана

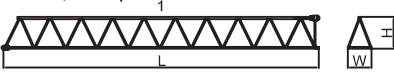
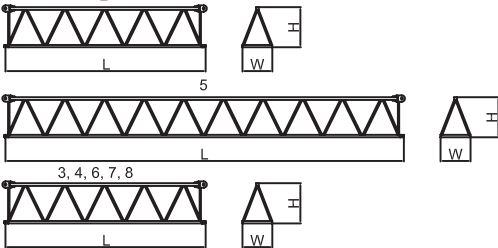
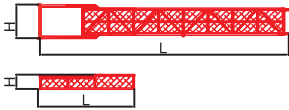
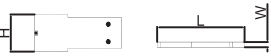
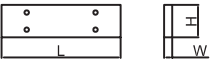

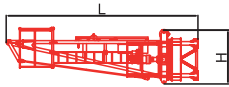
TREPADO INTERNO / BOTTOM CLIMBING CRANE / KLETTERRANE IM GEBÄUDE / TÉLESCOPAGE SUR DALLES / GRU CLIMBING / ВНУТРЕННИЙ ПРОЦЕСС ТЕЛЕСКОПИРОВАНИЯ

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




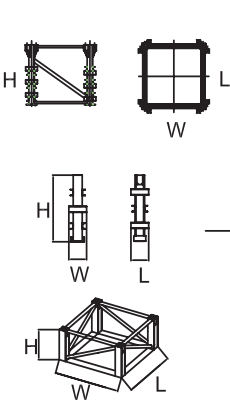

Consultarnos-Consultateci-Consult us-Nous consulter-Auf anfrage
 Другие высоты подъема и наращивание крана по запросу

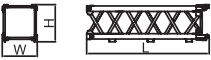
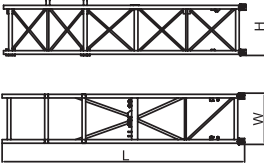
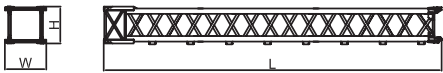
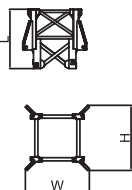

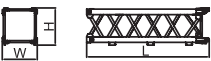
Dimensiones y transporte- dimensions and transport - Abmessungen und Transport- dimensions et des transporte - dimensioni e trasporti - Размеры и транспорта

	L(m)	W(m)	H(m)	Peso(Kg)	
<p>Pluma tramo primero / First jib section/Ausleger-Anlenkstück / Pied de flèche /Settore articolato di braccio / Корневая секция стрелы</p> 	11.85	1,04	1,3	982	
<p>Elemento Intermedio de pluma/Intermediate jib section / Ausleger-Zwischenstück Élément interm. de flèche / Spezzone di braccio / Промежуточная секция стрелы</p> 	2 3 4 5 6 7 8	5,94 5,94 5,94 11,74 5,14 3,64 2	0,95 0,95 0,95 0,95 0,95 0,95 0,95	1,32 475 450 915 328 225 142	
<p>Contrapluma / Counter-jib/Gegenausleger / Contre-flèche/Controbraccio / Консоль противовеса</p> 	11.5 4.05	0.26 0.33	1.48 0.58	1480 96	
<p>Bloque de contrapeso / Counterweight blocks/Gegengewichtsblöcke / Bloc de contrepoids Blocco di contrappeso / Плита противовеса</p> 	A B C	2,94 2,94 1,70	0,30 0,18 0,18	1,25 1,25 1,25	2300 1400 850
<p>Bloque lastre de base / Base ballast block/Grundballastblöcke / Bloc de lest de base Blocco di zavorra alla base / Плиты балласта опорной рамы</p> 	4,4	1,2	0,3	3800	
<p>Gancho y Carro / Hook and Trolley>Lasthaken - Laufkatze / Crochet - Chariot Gancio e Carrello / Крюк и грузовая тележка</p> 	0,75 0,96	0,12 1,10	1,40 0,62	164 118	
<p>Cabeza de torre / Tower head/Turmspitze / Porte - flèche/Testa di torre / Оголовок башни</p> 	6,5	1,8	1,7	3504	




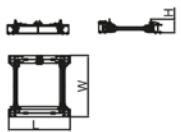
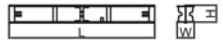

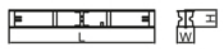

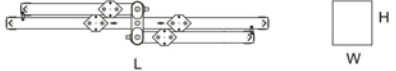
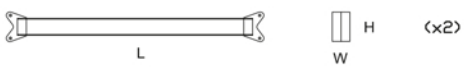
S 52 4T

	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 anpegare / 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)
<p>Tramo trepador SM110 / Climbing tower section / Turmstück/ Mâture télescopable / Elemento di torre monolitico / Монтажная секция башни</p> 	4.09	1,17	1,22	1290
<p>Jaula de telescopaje SM110 / Climbing cage / Hydraulikbühne/Cage de télescopage / Gabbia di montaggio / Монтажная обойма</p> <p>Completa / Full / Vollständige/Complete / completa / полный</p>  <p>Estructura / Steel frame / Struktur/ Construction / Struttura / структура</p> <p>Hidraulico y accesorios / Hydraulic and accessories/ Hydraulik-und Zubehör hydraulique et accessoires / idrauliche ed accessori / Гидравлические и аксессуары</p>	8.1	1,7	1,92	3840
				2425
				1415
<p>Tramo de transición SM11-1.2/1.09 / Climbing connection frame / Turmstück Elément de transition / Telaio di raccordo a spinta / Переходная секция башни</p> 	11.2	1,38	1,21	3695
<p>Tramo de enlace a caja SM110-1.09/1.2 /Climbing cage connection frame / Turmstück Elément de connection pour la cage de télescopage / Telaio di raccordo a spinta / Секция башни для соединения с кабиной</p> 	1,5	1,65	1,65	875
<p>Tramo trepador SM110 - A / Climbing tower section / Turmstück/ Mâture télescopable / Elemento di torre monolitico / Монтажная секция башни</p> 	4.09	1,17	1,22	1900
<p>Tramo trepador SM110 - B / Climbing tower section / Turmstück/ Mâture télescopable / Elemento di torre monolitico / Монтажная секция башни</p> 	4.09	1,17	1,22	1750



S 52 4T

	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
Hidráulico 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 / Châsis 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 congiunzi di congiunzione 	4.4	0.3	0.55	220x2



40" HC x 3 - HBG 39.7 mt



x 2 - HBG 36 mt



MANUFACTURER:

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Tel. (+34) 968 10 28 84

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