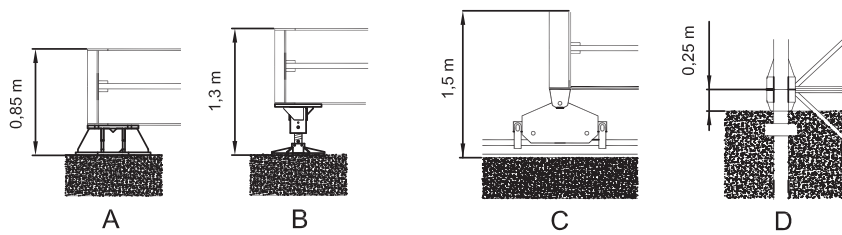
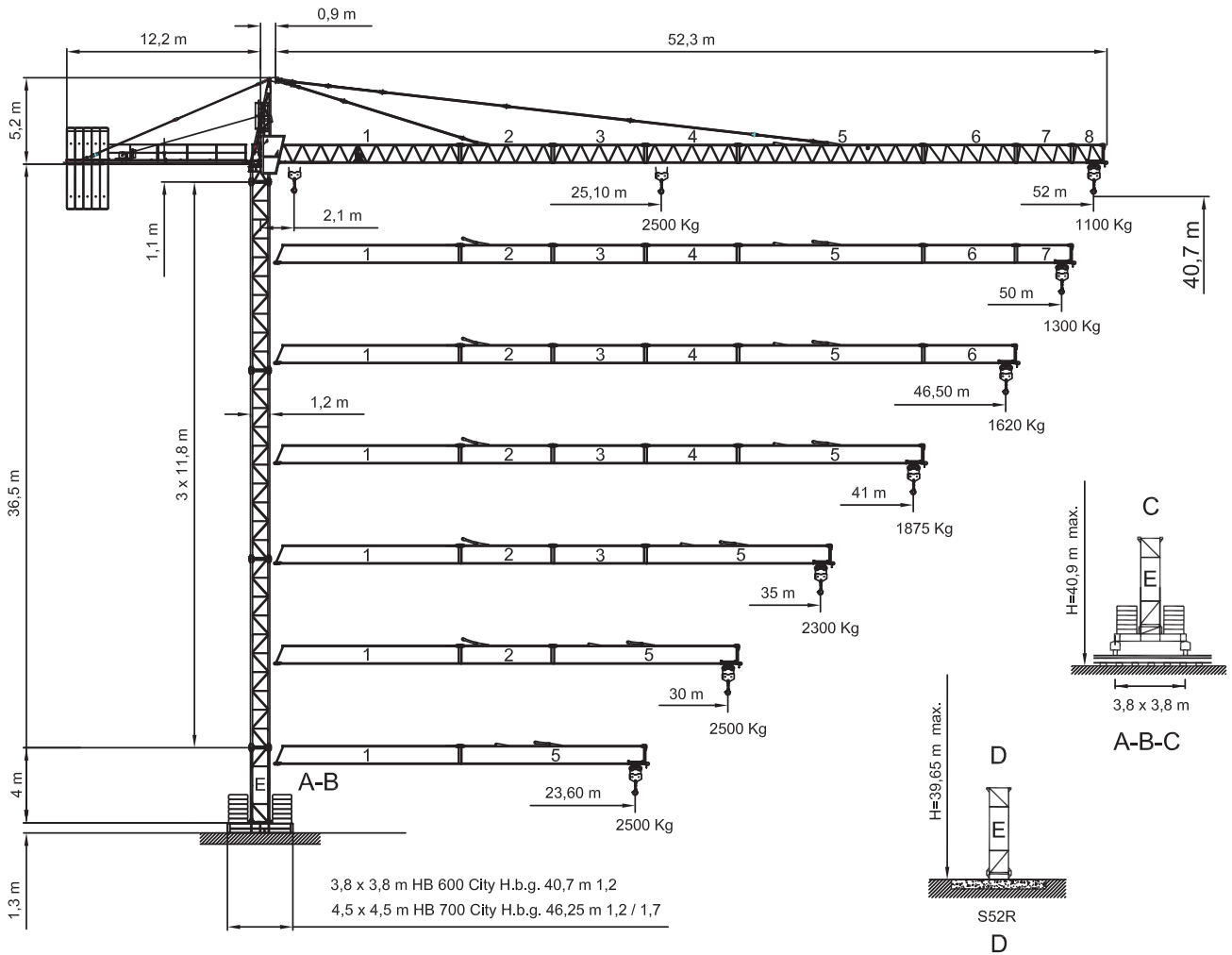
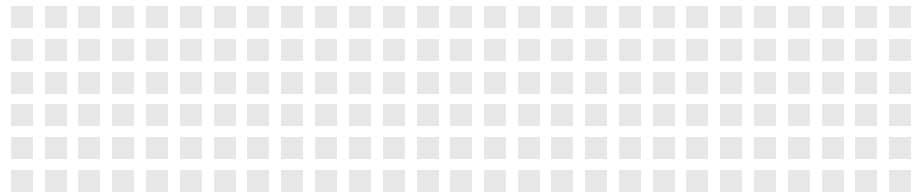





































S52 4T

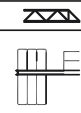





Curvas de cargas- Load diagrams- Lastkurven- Courbes de charges- Curve di carico

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 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 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 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

	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					



S52 4T



Mecanismos- Mechanisms- Antriebe- Mécanismes- Meccanismi


(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


 2000/14/CEE 2005/88/CEE	 2006/95/CEE	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	
	15 Hp (11,5 KW) 3V	4 x 16 mm ²	4 x 16 mm ²	4 x 25 mm ²
	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

* 15 Hp (11,5Kw) 3V
H.B.G. 84 S/R Ø10mm

	 240 m	m/min	8	29	58
		Kg	2500	2500	1000
		Kw	11,5	11,5	11,5
		m/min	30 / 60		
		Kw	3		
		r.p.m	0,3	0,6	0,9
		Nm	2 x 55		
		m/min	20		
		Kw	2 x 2,2		

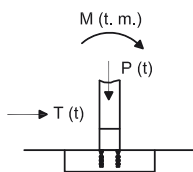
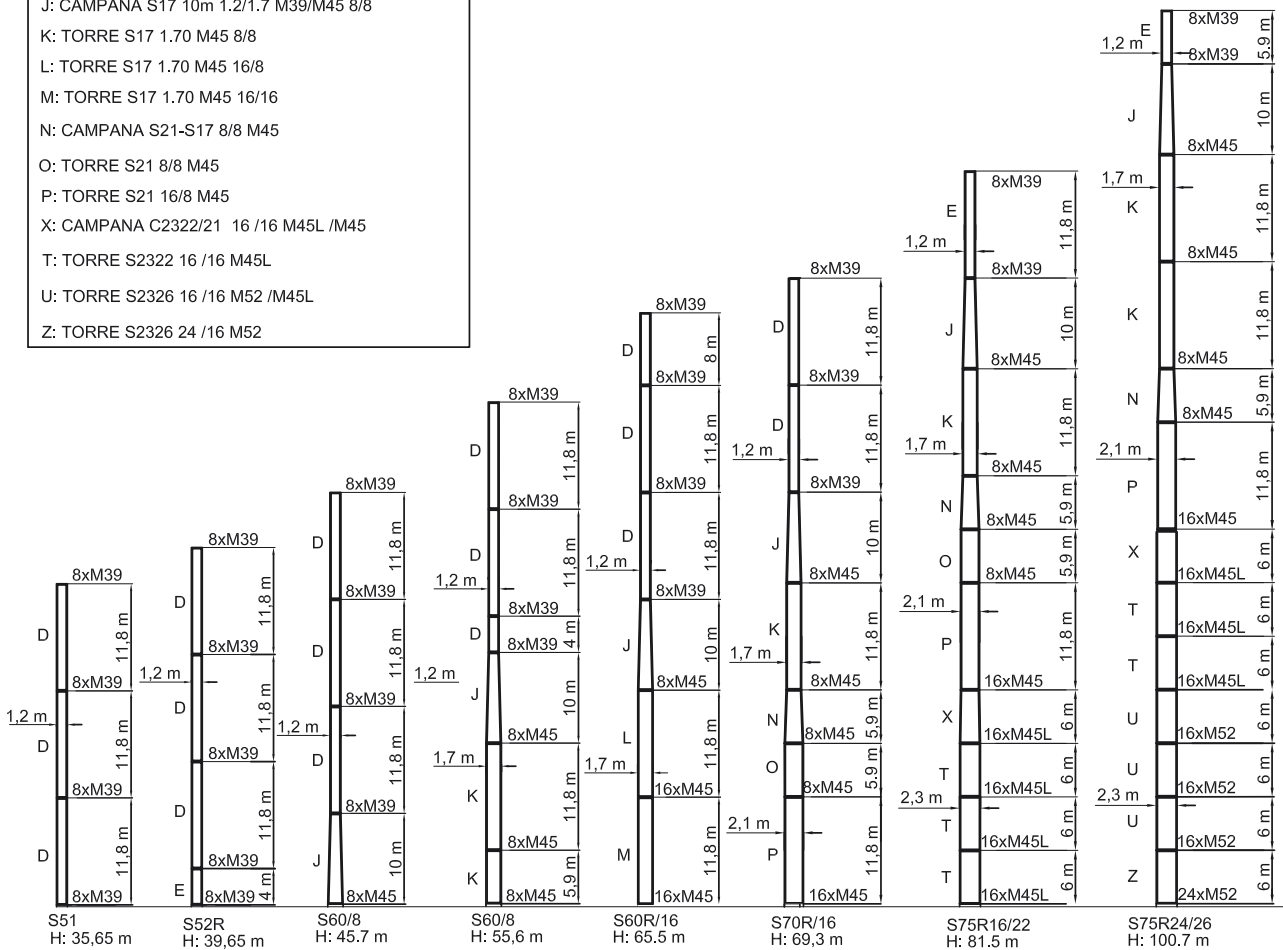
 2000/14/CEE 2005/88/CEE	 2006/95/CEE	400 V 50 Hz	* 460 V 60 Hz	* 15 Hp (11.5 Kw) 3V
				24 KW / 90 kVA

	25 m	50 m	100 m
	15 Hp (11.5 KW) 3V	4 x 16 mm ²	4 x 16 mm ²

- * Opcional / Optional / Opzionale /
- Elevación / Hoisting / Heben / Levage / Sollevamento
- Distribución / Trolleying / Katzfahren / Distribution / Distributions
- ⊙ Orientación / Slewing / Schwenken / Orientation / Rotazione
- ▬ Traslacion / Travelling / Schienenfahren / Translation / Traslazione

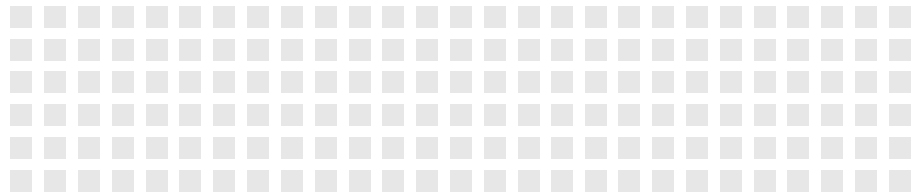
FEM 1005-C25 / EN 14439- Mástil / Reacciones- Masts / Reactions- Mast / Eckdrücke- Mat / Réactions- Torre / Réazioni

- 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



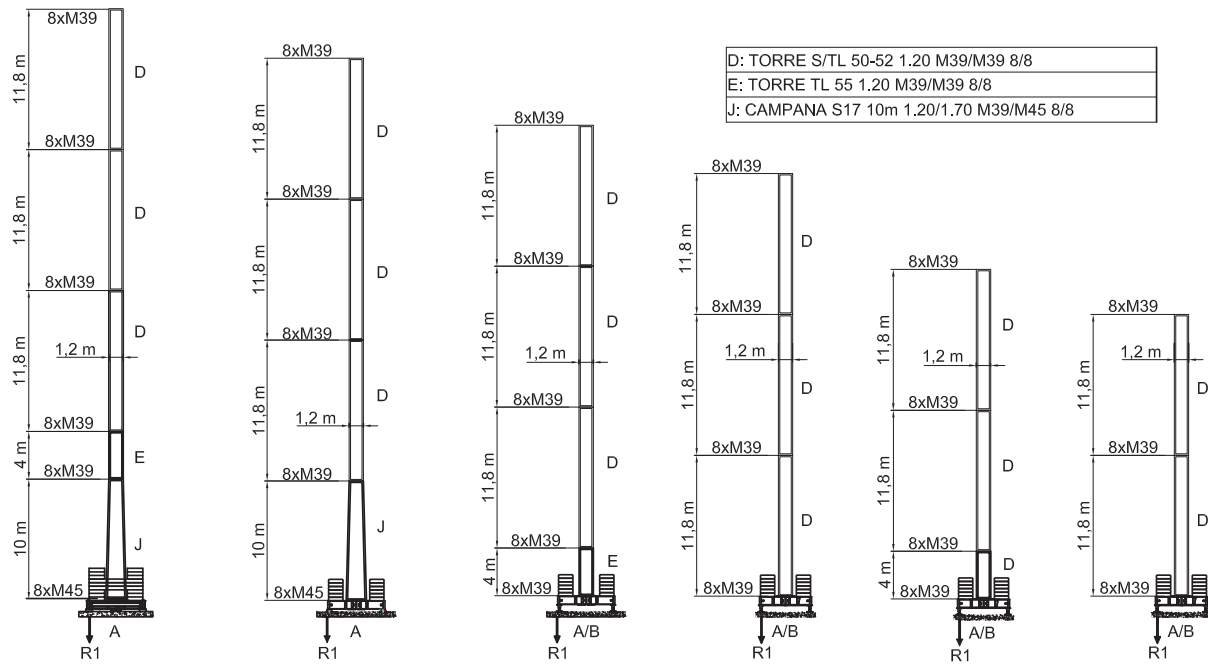
H (m)	23.8	35.6	39.7	45.7	49.7	53.7	57.5
M (T-m)	106.4	160	197.4	262	318	355.2	409
T (t)	4.9	6.5	7.1	8.2	8.9	9.4	10.1
P (t)	19	21.5	22.6	25.1	26.8	27.7	29.8

H (m)	99.4	91.6	80.9	75.2	69.3	65.2	63.4
M (T-m)	1350	1170	830	694	594	520	493.2
T (t)	23	20.5	16.5	15	13.5	12.4	11.1
P (t)	76	69	54.4	50	45	39.7	33.2



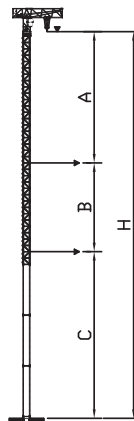
S52 4T

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

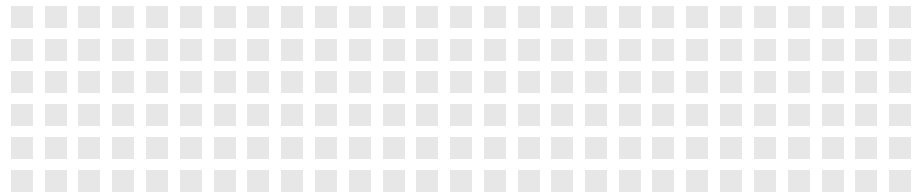


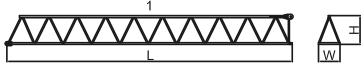
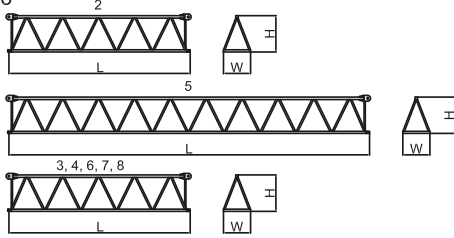
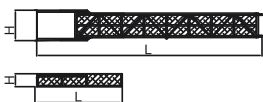

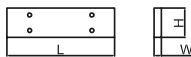

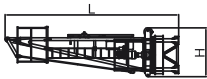
H(m): 50,6	H(m): 46,25	H(m): 40,7	H(m): 36,7	H(m): 28,9	H(m): 24,9
4,5 x 4,5 m - 1,7 - HM 700	4,5 x 4,5 m - 1,2 / 1,7 - HB 700	3,8 x 3,8 m 1,2 HB 600	3,8 x 3,8 1,2 HB 600	3,8 x 3,8 1,2 HB 600	3,8 x 3,8 M 1,2 HB 600
LASTRE: 121,6 Tn	LASTRE: 98,8 Tn	LASTRE: 83,6 Tn	LASTRE: 60,8 Tn	LASTRE: 53 Tn	LASTRE: 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

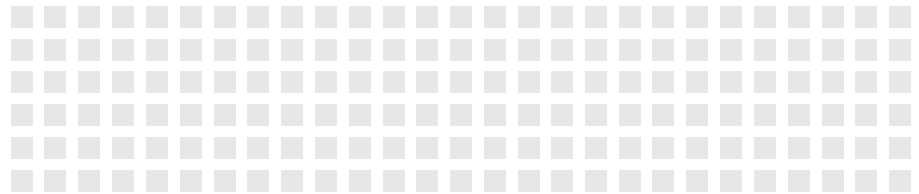
Proceso de trepado- External climbing- Kletterkrane- Telescopable- Sopralzo idraulico



	MONOBLOCK SM110/3,85
	MTS
A max.	29
B max.	19
C max.	31
H max.	①



	L(m)	W(m)	H(m)	Peso(Kg)	
Pluma tramo primero / First jib section/Ausleger-Anlenkstück / Pied de flèche /Settore articolato di braccio 	11,85	1,04	1,3	982	
Elemento intermedio de pluma /Intermediate jib section / Ausleger-Zwischenstück Élément interm. de flèche / Spezzone di braccio 	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 1,22 450 1,32 915 1,22 328 1,22 225 1,22 142	
Contrapluma / Counter-jib/Gegenausleger / Contre-flèche/Controbraccio 	11,5 4,05	0,26 0,33	1,48 0,58	1480 96	
Bloque de contrapeso / Counterweight blocks/Gegengewichtsblöcke / Bloc de contrepoids Blocco di contrappeso 	A B C	2,94 2,94 1,70	0,30 0,18 0,18	1,25 1,25 1,25	2300 1400 850
Bloque lastre de base / Base ballast block/Grundballastblöcke / Bloc de lest de base Blocco di zavorra alla base 	4,4	1,2	0,3	3800	
Gancho y Carro / Hook and Trolley>Lasthaken - Laufkatze / Crochet - Chariot Gancio e Carrello 	0,75 0,96	0,12 1,10	1,40 0,62	164 118	
Cabeza de torre / Tower head/Turmspitze / Porte - flèche/Testa di torre 	6,5	1,8	1,7	3504	



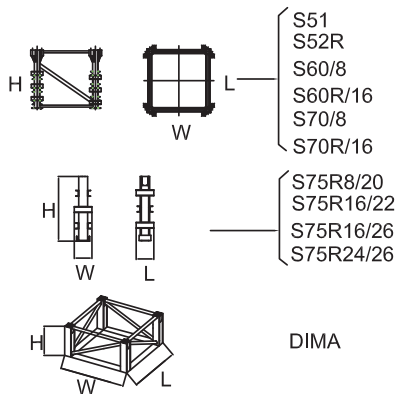
S52 4T

Elemento de torre / Tower section/Turmstück / Elément de mât
Elemento di torre



	L(m)	W(m)	H(m)	Peso(Kg)
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

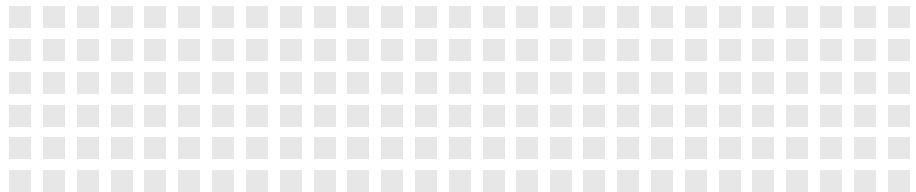



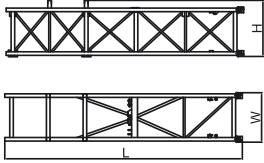
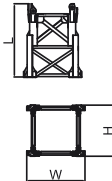
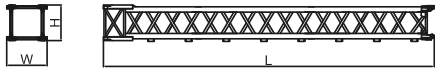
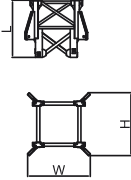


S51	1,2	1,38	1,42	496
S52R	1,2	1,38	1,42	594
S60/8	1,85	1,85	1,6	956
S60R/16	1,85	1,85	1,6	1108
S70/8	2,28	2,28	1,6	1122
S70R/16	2,28	2,28	1,6	1274
S75R8/20	0,35	0,35	1,6	1200
S75R16/22	0,50	0,50	2	2840
S75R16/26	0,50	0,50	2,4	3160
S75R24/26	0,50	0,50	2,4	3400
DIMA	2,31	2,34	0,8	1650

Cabina y soporte / Cabin and platform / Kabine und wartungs / Cabine et support /
Cabina e supporto



	3,00	1,15	2,35	558
--	------	------	------	-----



	L(m)	W(m)	H(m)	Peso(Kg)
Tramo trepador SM110 / Climbing tower section / Turmstück/ Mâtire télescopable / / Elemento di torre monolitico 	4.09	1,17	1,22	1420
Jaula de telescopaje SM110 / Climbing cage / Hydraulikbühne/Cage de télescopage / Gabbia di montaggio 	8.1	1,7	1,92	3840
Tramo de transición SM110-1.2/1.09 / Climbing connection frame / Turmstück Elèment de transition / Telaio di raccordo a spinta 	1,74	1,38	1,21	811
Tramo de transición SM110-1.2/1.09 / Climbing connection frame / Turmstück Elèment de transition / Telaio di raccordo a spinta 	11.2	1,38	1,21	4260
Tramo de enlace a cabina SM110-1.09/1.2 / Climbing cage connection frame / Turmstück Elèment de connection pour la cage de télescopage / Telaio di raccordo a spinta 	1,5	1,65	1,65	875
Viga principal base 3.8 HB600 / Main base beam/Hauptträger für fundamentkreuz Poutre de châssis de base/Trave principale della base 	5,72	0,67	0,65	1570
Semiviga secundaria base 3.8 HB600 / Half base beam/Halbträger für fundamentkreuz Semipoutre de châssis de base /Semitrave secundaria della base 	2,77	0,45	0,665	800

DECLINAMOS TODA RESPONSABILIDAD DERIVADA DE LA INFORMACION PROPORCIONADA.

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Ces renseignements sont sans garantie.

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Obiges kann ohne berstaendigung geaendert werden.

Specifications susceptibles de modification sans avis préalable.

Specifiche suscettibili di variazioni senza preavviso.