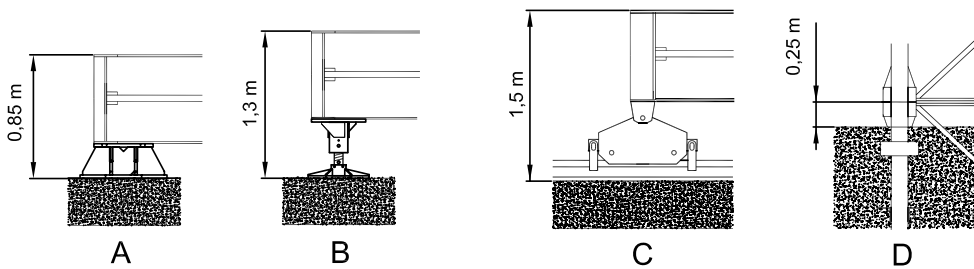
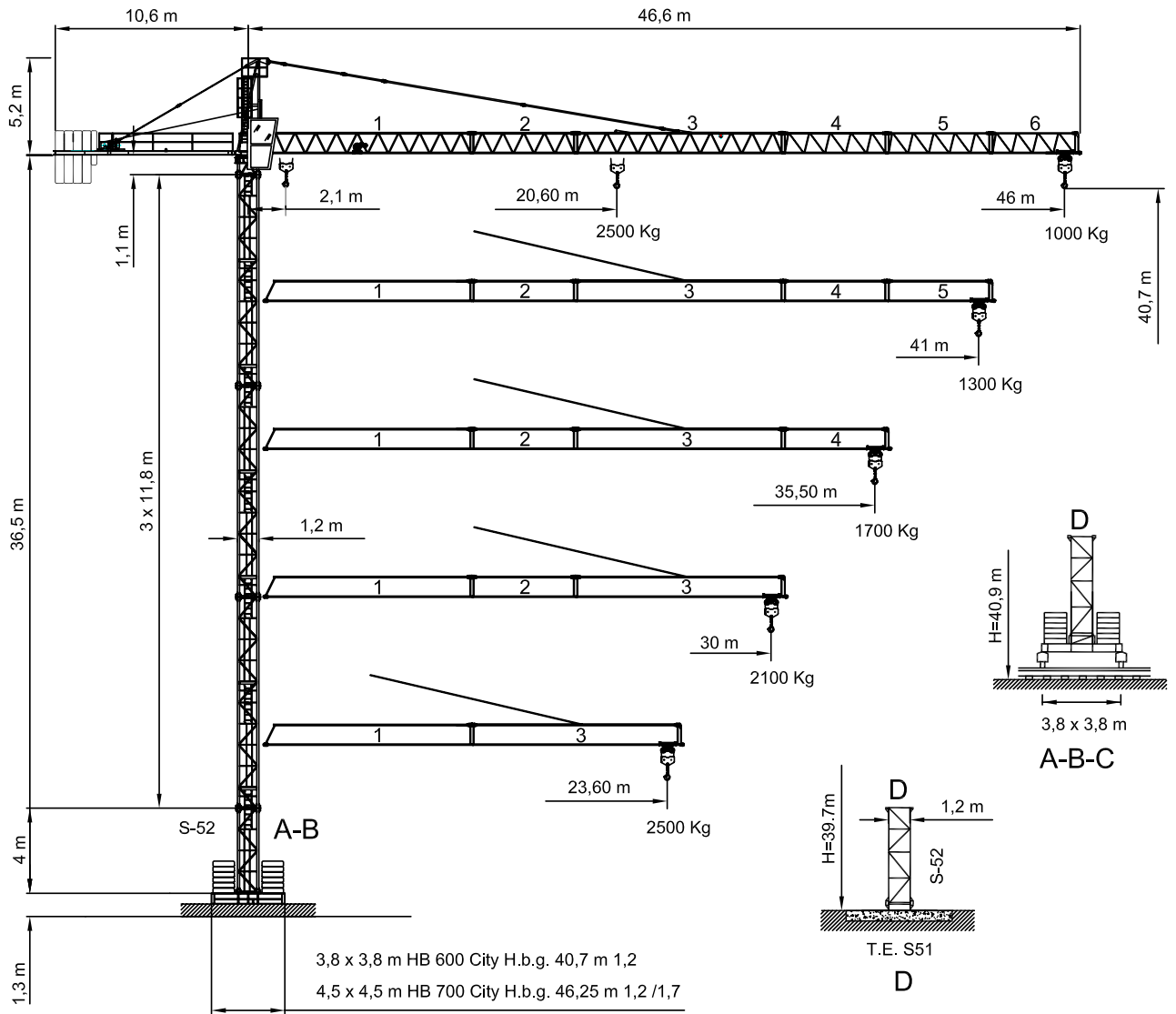
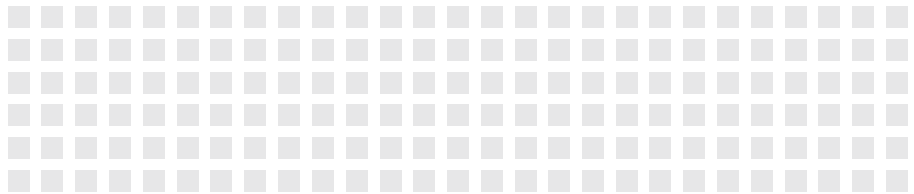

















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




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

46 m 	12	13,5	15	18	20,6	21	23,6	27	30	33	35,5	39	41	43	46	m	
	2500	2500	2500	2500	2500	2460	2110	1840	1630	1560	1420	1300	1200	1100	1000	Kg	
	12	12,8	13,5	15	18	21	23,6	27	30	33	35,5	39	41	43	46	m	
	4000	4000	3500	2970	2580	2270	2030	1750	1550	1360	1220	1050	980	920	850	Kg	
41 m 	12	13,5	15	18	21	23,6	23,8	27	30	33	35,5	39	41	m			
	2500	2500	2500	2500	2500	2500	2500	2180	1930	1730	1560	1420	1300	Kg			
	12	13,5	14,5	15	18	21	23,6	27	30	33	35,5	39	41	m			
	4000	4000	4000	3760	3060	2670	2370	2030	1800	1580	1450	1250	1150	Kg			
35.5 m 	12	13,5	15	18	21	23,6	25,7	27	30	33	35,5	m					
	2500	2500	2500	2500	2500	2500	2500	2370	2110	1890	1700	Kg					
	12	13,5	15	15,2	18	21	23,6	27	30	33	35,5	m					
	4000	4000	4000	4000	3150	2760	2460	2170	1890	1690	1550	Kg					
30 m 	12	13,5	15	18	21	23,6	26,5	27	30	m							
	2500	2500	2500	2500	2500	2500	2500	2500	2100	Kg							
	12	13,5	15	15,4	18	21	23,6	27	30	m							
	4000	4000	4000	4000	3240	2750	2550	2260	2000	Kg							
23.6 m 	12	13,5	15	18	21	23,6	m										
	2500	2500	2500	2500	2500	2500	Kg										
	12	13,5	15	15,6	18	21	23,6	m									
	4000	4000	4000	4000	3800	3180	2650	Kg									






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

	46 m			41 m			35,5 m			30 m			23,6 m		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
	4	-	1	3	1	-	3	-	1	3	-	-	2	-	1
	10050 Kg			8300 Kg			7750 Kg			6900 Kg			5450 Kg		



S46 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	1,1 / 1,8			1,1 / 1,8		
		r.p.m	0,3	0,6	0,9	0,3	0,6	0,9
		Kw	5,5			5,5		
		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	1,1 / 1,8		
		r.p.m	0,3	0,6	0,9
		Nm	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	4 x 25 mm ²

* Opcional / Optional / Opzionale /

● Elevación / Hoisting / Heben / Levage / Sollevamento

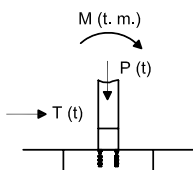
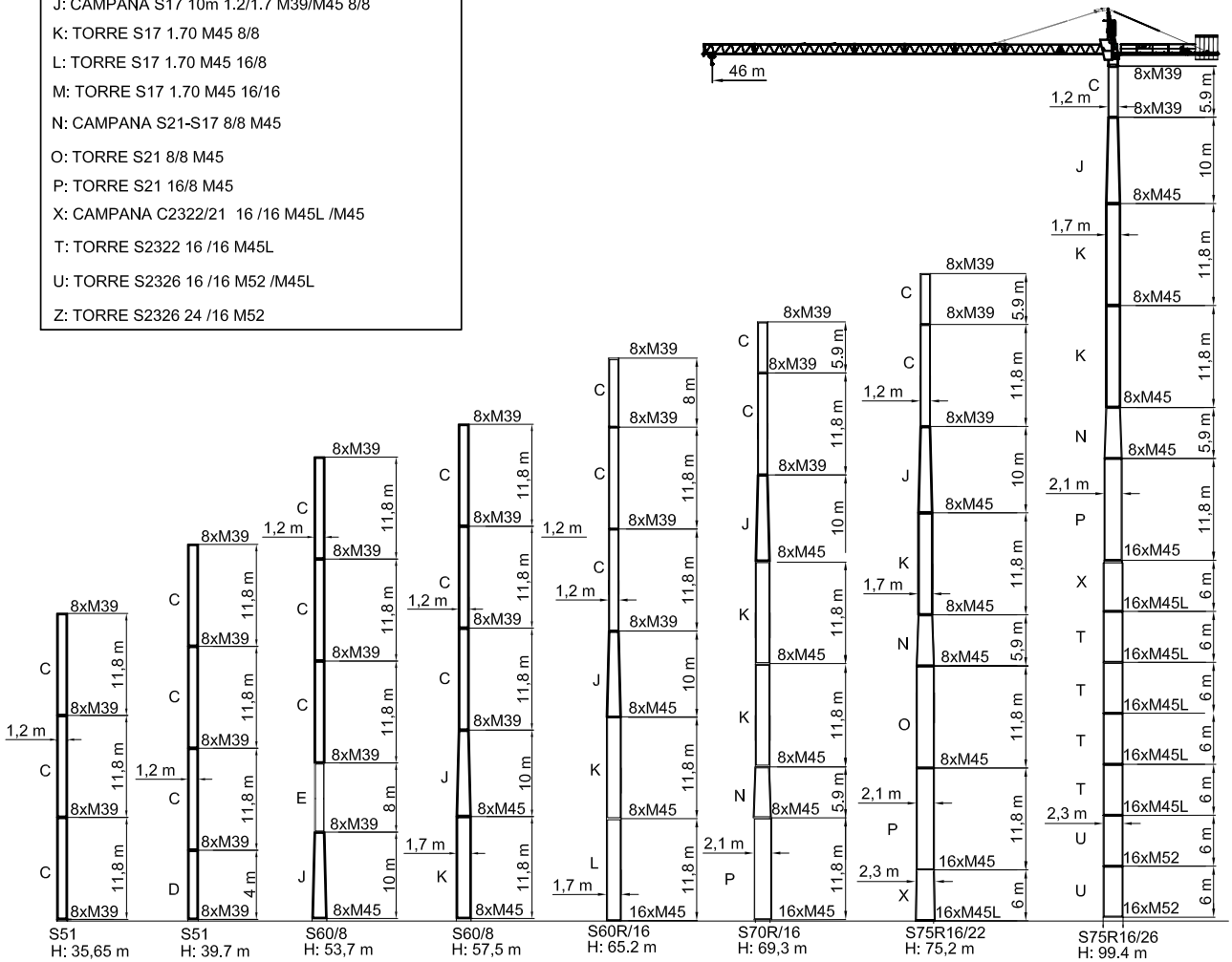
■ Distribución / Trolleying / Katzfahren / Distribution / Distributions

⊙ 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 16/16
- 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

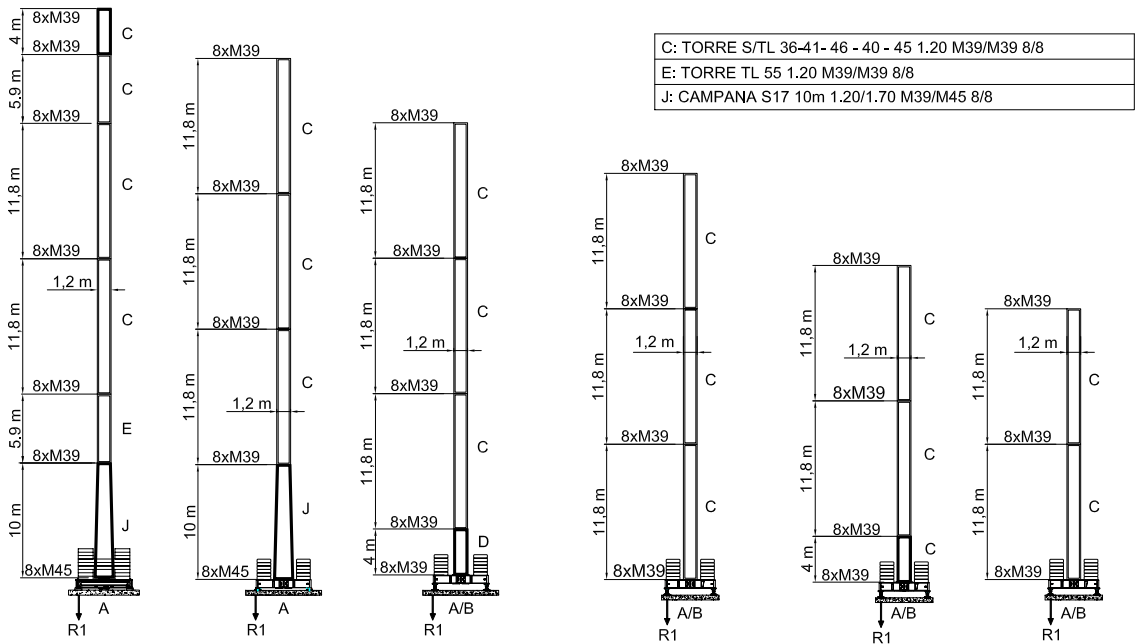


H (m)	23.8	35.6	39.7	45.7	49.7	53.7	57.5
M (T-m)	106.4	160	197.4	262	318	355.2	409
T (t)	4.9	6.5	7.1	8.2	8.9	9.4	10.1
P (t)	19	21.5	22.6	25.1	26.8	27.7	29.8

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

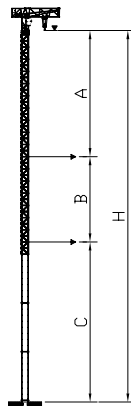
S46 4T

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

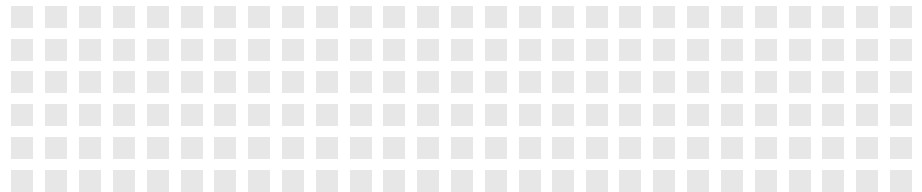


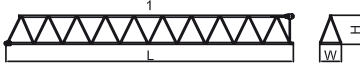
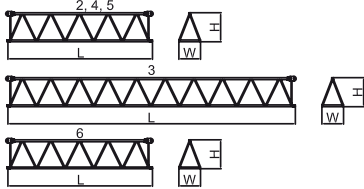
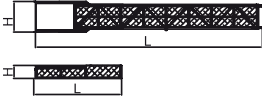

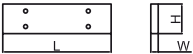

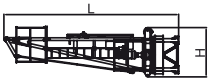
H(m): 50,6	H(m): 46,25	H(m): 40,7	H(m): 36,7	H(m): 28,9	H(m): 24,9
4,5 x 4,5 m - 1,7 - HM 700	4,5 x 4,5 m - 1,2 / 1,7 - HB 700	3,8 X 3,8 m 1,2 HB 600	3,8 X 3,8 m 1,2 H.B 600	3,8 X 3,8 m 1,2 H.B 600	3,8 X 3,8 m 1,2 H.B 600
LASTRE: 121.6 Tn	LASTRE: 98.8Tn	LASTRE: 83.6 Tn	LASTRE: 60.8 Tn	LASTRE: 53 Tn	LASTRE: 45.6 Tn
R1= 79.7 Tn	R1= 67.6 Tn	R1= 59.3 Tn	R1= 47.5 Tn	R1= 35,58 Tn	R1= 31.2Tn

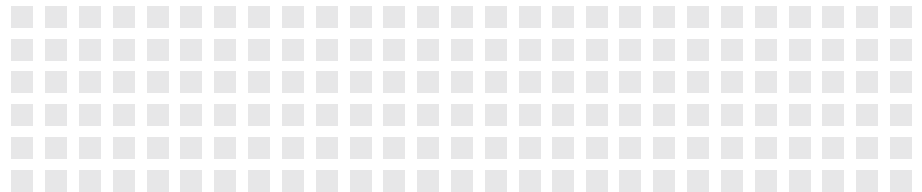
Proceso de trepado- External climbing- Kletterkrane- Telescopable- Sopralzo idraulico



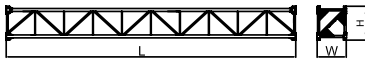
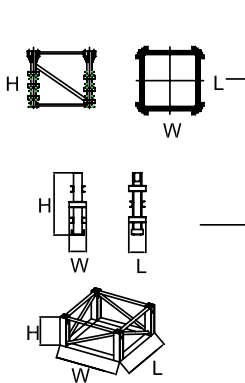

	MONOBLOCK SM110/3,85
	MTS
A max.	29
B max.	19
C max.	31
H max.	①

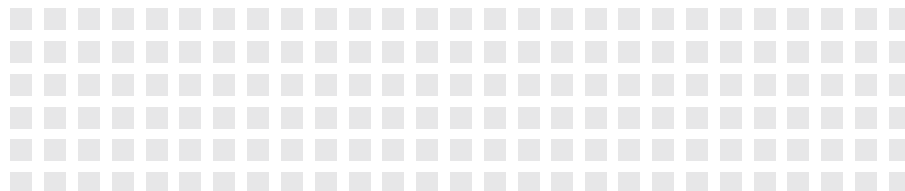



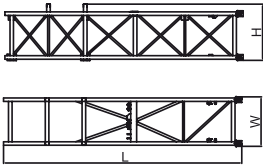
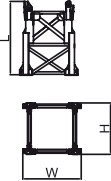
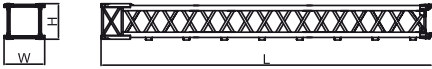
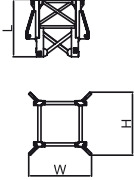


	L(m)	W(m)	H(m)	Peso(Kg)	
Pluma tramo primero / First jib section/Ausleger-Anlenkstück / Pied de flèche /Settore articolato di braccio 	11,85	1,04	1,3	982	
Elemento intermedio de pluma /Intermediate jib section / Ausleger-Zwischenstück Élément interm. de flèche / Spezzone di braccio 	2 3 4 5 6	5,94 11,74 5,94 5,94 5,14	0,95 0,95 0,95 0,95 0,95	1,22 1,32 1,22 1,22 1,22	450 915 328 310 238
Contrapluma / Counter-jib/Gegenausleger / Contre-flèche/Controbraccio 	9,28 4,05	0,22 0,23	1,2 0,52	1023 88	
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	104 118	
Cabeza de torre / Tower head/Turmspitze / Porte - flèche/Testa di torre 	6,5	1,8	1,7	2854	



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	L(m)	W(m)	H(m)	Peso(Kg)
Elemento de torre / Tower section/Turmstück / Elément de mât				
Elemento di torre				
				
C	11,8	1,2	1,38	2520
C	8	1,2	1,38	1870
C	5,9	1,2	1,38	1348
C	4	1,2	1,38	1050
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				
El annegare				
				
				<ul style="list-style-type: none"> 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				
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/ Mâture 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 Elément 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 Elément de transition / Telaio di raccordo a spinta 	11.2	1,38	1,21	4260
Tramo de enlace a cablna SM110-1.09/1.2 /Climbing cage connection frame / Turmstück Elément 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/Halbräger 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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Sämtliche Angaben erfolgen ohne Gewähr.

Ces renseignements sont sans garantie.

Le indicazioni contenute si intendono salvo errori ed omissioni.

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Obiges kann ohne berstaendigung geaendert werden.

Specifications susceptibles de modification sans avis préalable.

Specifiche suscettibili di variazioni senza preavviso.