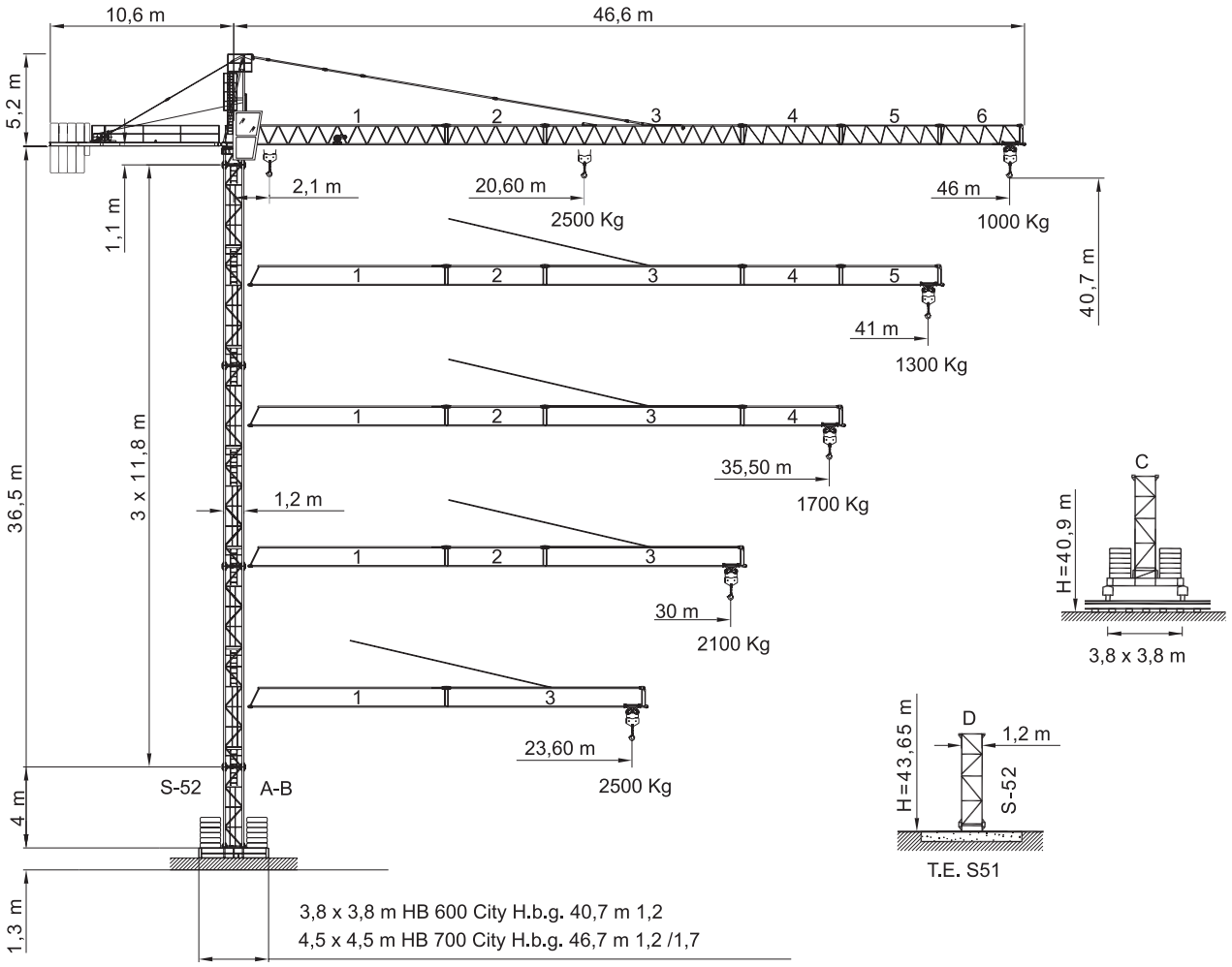
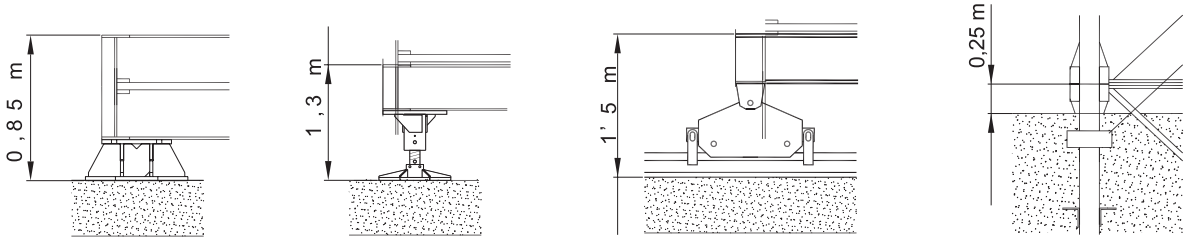
SAEZ

CRANES

S46 4T





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		

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

Mecanismos, Mechanisms, Antriebe, Mécanismes, Meccanismi

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

		m/min	8	31	62	4	16	31
	240 m	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		

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

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

* Opcional / Optional / Optionale /
Elevación / Hoisting / Heben / Levage / Sollevamento
Distribución / Trolleying / Katzfahren / Distribution / Ditribuzione
Orientación / Slewing / Schwenken / Orientation / Rotazione
Traslacion / Travelling / Schienenfahren / Translation / Traslazione

15 Hp (11Kw) 3V
H.B.G. 84 S/R Ø10mm

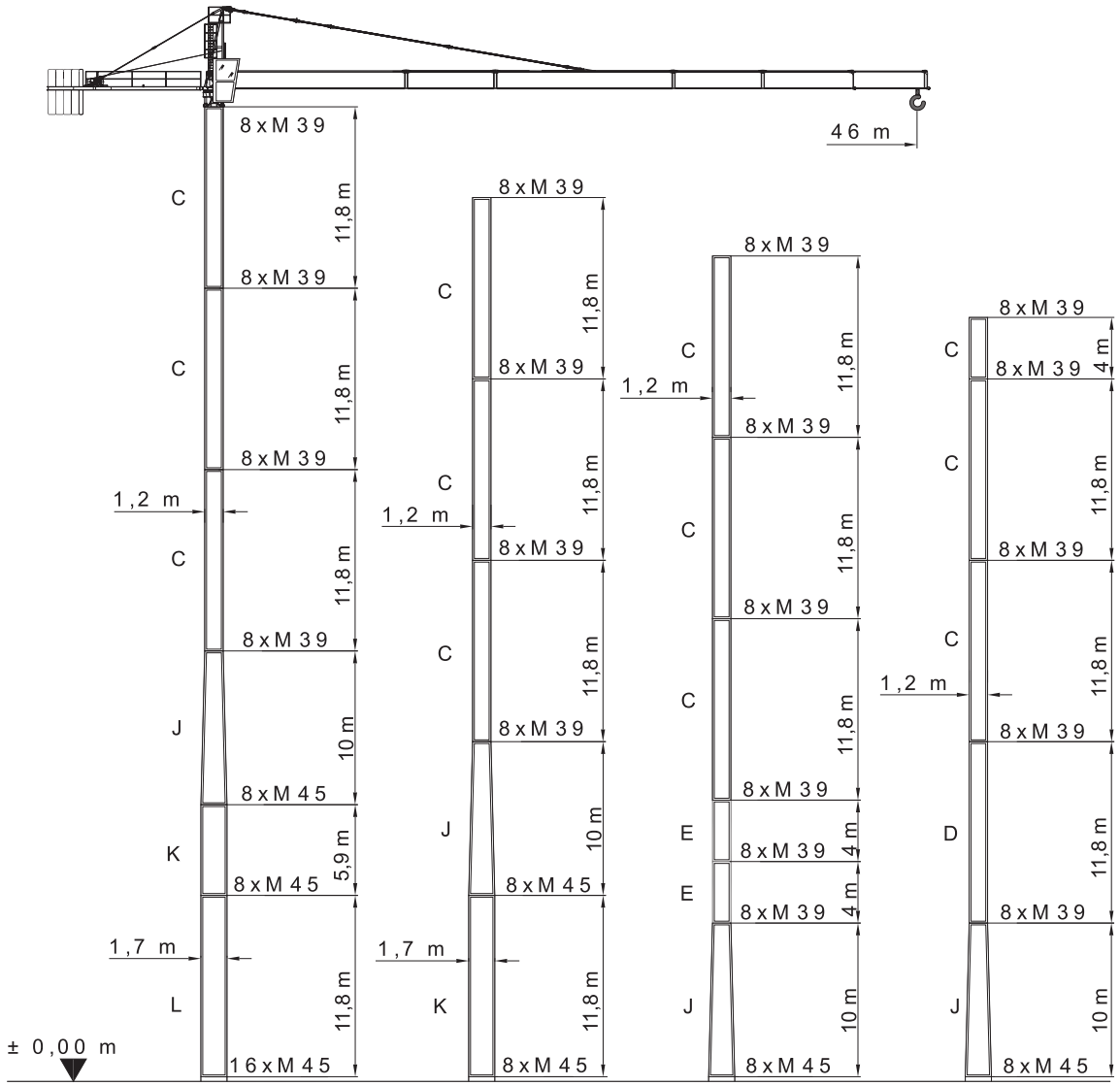
		m/min	8	29	58	4	15	30
	240 m	Kg	2500	2500	1000	4000	4000	2500
		Kw	11,5	11,5	11,5	11,5	11,5	11,5

	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

CEI 38 IEC 38	400 V 50 Hz	*380 V 60 Hz	*25 Hp (18,5 Kw) 31 Kw / 120 kVA
			15 Hp (11,5 Kw) 3V 24 Kw / 90 kVA

Windzone A-B / DIN 15019
Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni

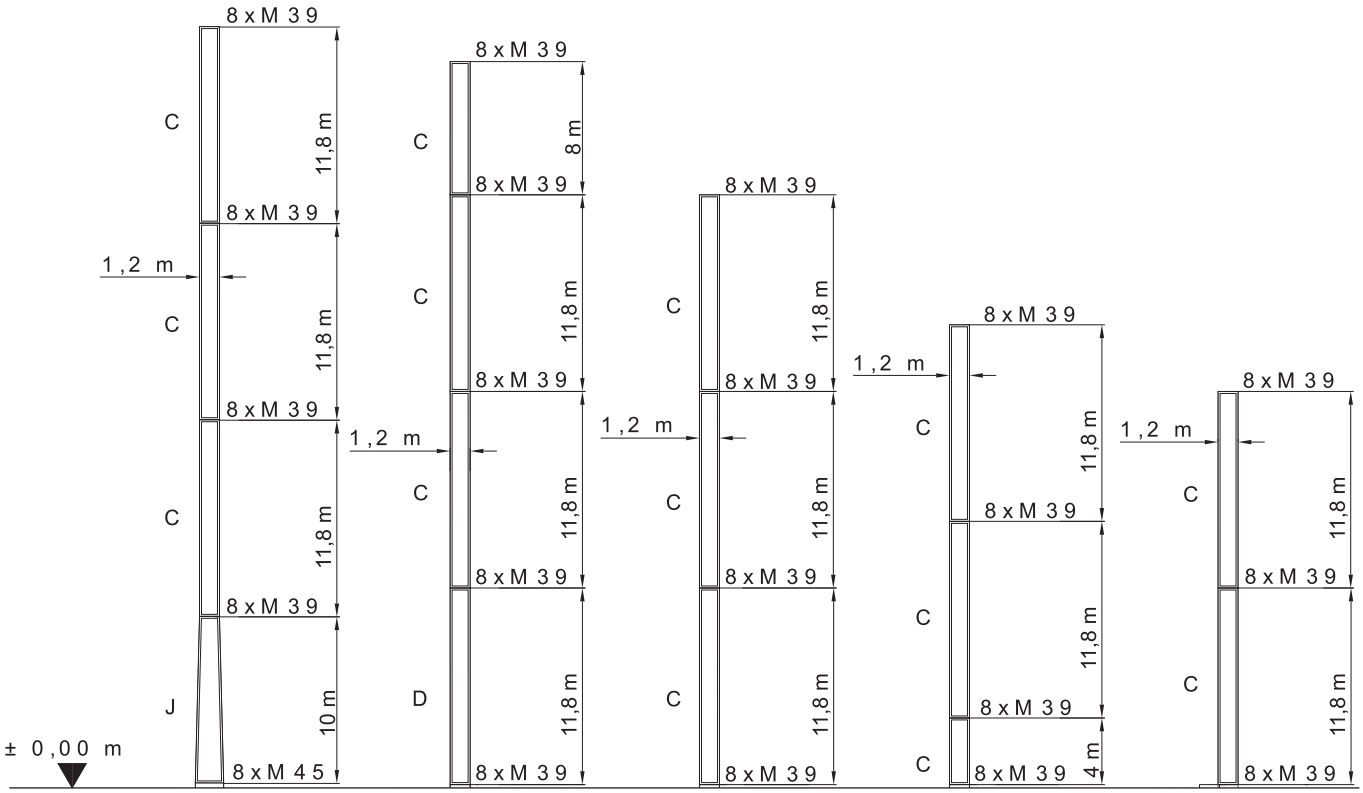
C: TORRE S/TL 36-41-46-40-45 1.20 M39/M39 8/8
D: TORRE S/TL 50-52 1.20 M39/M39 8/8
E: TORRE TL 55 1.20 M39/M39 8/8
J: CAMPANA S17 10m 1.20/1.70 M39/M45 8/8
K: TORRE S17 1.70 M45 8/8
L: TORRE S17 1.70 M45 16/8



S60R/16	S60/8	S60/8	S60/8
H: 63,4 m	H: 57,5 m	H: 53,7 m	H: 49,7 m
P(t): 42	P(t): 38,4	P(t): 36,1	P(t): 30,1
T(t): 9,8	T(t): 9,1	T(t): 7,3	T(t): 6,6
M(t·m): 330	M(t·m): 322	M(t·m): 248	M(t·m): 211,6

Windzone A-B / DIN 15019
Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni

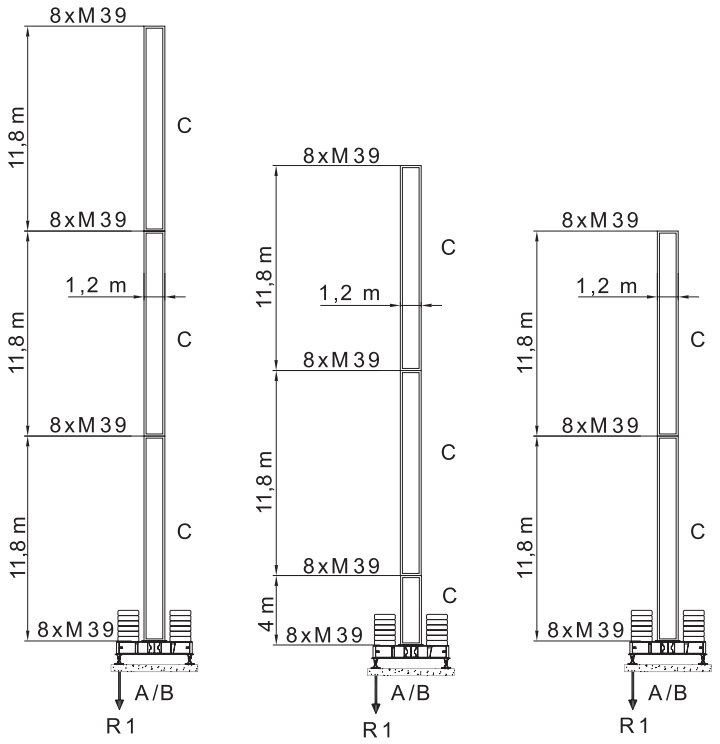
C: TORRE S/TL 36-41- 46 - 40 - 45 1.20 M39/M39 8/8
D: TORRE S/TL 52 - 50 1.20 M39/M39 8/8
J: CAMPANA S17 10m 1.20/1.70 M39/M45 8/8



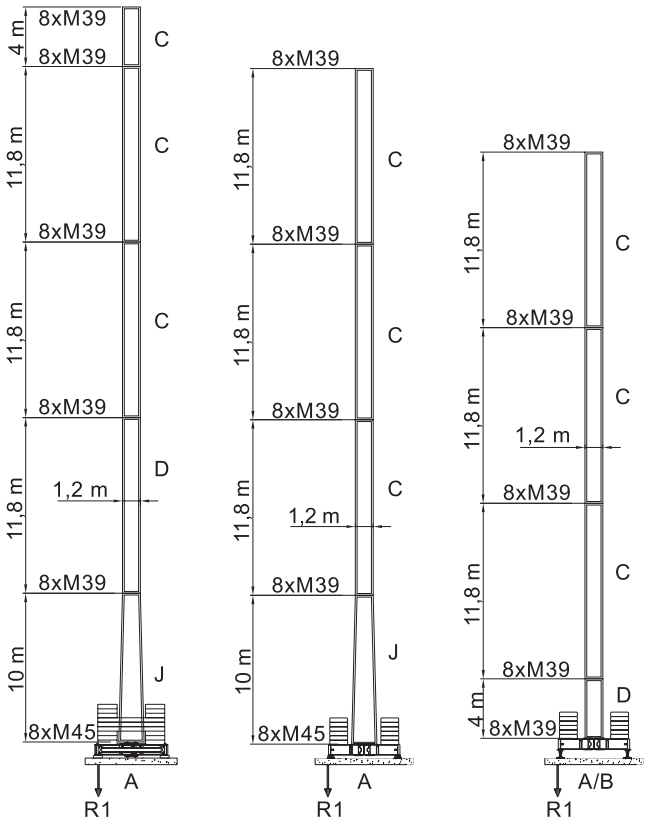
S 60/8	S 51	S 51	S 51	S 51
H : 45,7 m	H : 43,65 m	H : 35,65 m	H : 27,85 m	H : 23,85 m
M (t.m): 146,4	M (t.m): 137,7	M (t.m): 74,2	M (t.m): 49,7	M (t.m): 42,1
T (t): 6,3	T (t): 6,4	T (t): 5,7	T (t): 4,9	T (t): 3,5
P (t): 28,9	P (t): 26,4	P (t): 24,5	P (t): 23,9	P (t): 23,2

Windzone A-B / DIN 15019
Bloque lastre de base
Base ballast block
Grundballastblöcke
Bloc de lest de base
Blocco di zavorra alla base

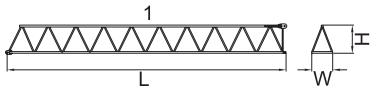
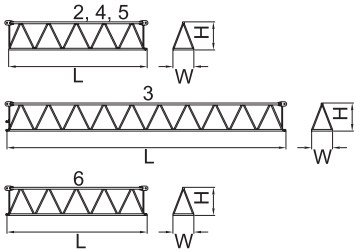
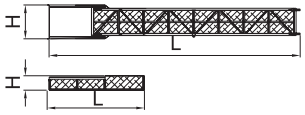
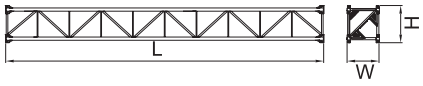
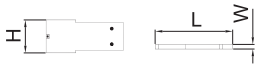
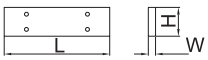
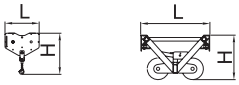
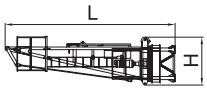
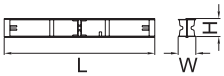
C: TORRE S/TL 36-41-46 - 40 - 45 1.20 M39/M39 8/8
D: TORRE S/TL 52 - 50 1.20 M39/M39 8/8
J: CAMPANA S17 10m 1.20/1.70 M39/M45 8/8

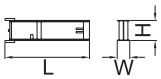
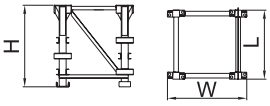


H(m): 36,4	H(m): 28,6	H(m): 24,6
3,8 X 3,8 m 1,2 H.B 600	3,8 X 3,8 m 1,2 H.B 600	3,8 X 3,8 m 1,2 H.B 600
LASTRE: 53 Tn	LASTRE: 53 Tn	LASTRE: 45,6 Tn
R1= 41,47 Tn	R1= 35,58 Tn	R1= 31,25 Tn



H(m): 50,6	H(m): 46,5	H(m): 40,4
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
LASTRE: 98,8 Tn	LASTRE: 72,6 Tn	LASTRE: 60,8 Tn
R1= 81,83 Tn	R1= 60,47 Tn	R1= 51,86 Tn

			L(m)	W(m)	H(m)	Peso(Kg)
Pluma tramo primero/ Jib heel section Ausleger-Anlenkstück / Pied de flèche Settore articolato di braccio		1	11,85	1,04	1,30	982
Elemento intermedio de pluma Intermediatejib section / Ausleger-Zwischenstück Elément interm. de flcche / 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-flcche / Controbraccio.			9,28 4,05	0,22 0,23	1,2 0,525	1023 88
Elemento de torre / Tower section Turmstück / Elcment de mât/ Elemento di torre		C C C C D D D D E E E E J K K K L	11,8 8,0 5,9 4,0 11,8 8,0 5,9 4,0 11,8 8,0 5,9 4,0 10 11,8 5,9 3 11,8	1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,85 1,85 1,85 1,85 1,85	1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,85 1,85 1,85 1,85	2520 1870 1348 1050 3017 2075 1560 1100 3782 2654 2090 1527 3520 4600 2472 1425 5520
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 - flcche Testa di torre			6,5	1,8	1,7	2854
Viga principal base / Main base beam Hauptträger für fundamentkreuz Poutre de châssis de base Trave principale della base			5,72	0,67	0,65	1560

			L(m)	W(m)	H(m)	Peso(Kg)
Semiviga secundaria base / Half base beam Halbträger für fundamentkreuz semipoutre de châssis de base Semitrave secondaria della base			2,77	0,45	0,665	800
Elemento de empotre / Foundation anchor / Fundamentanker / Élément 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

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