



SAEZ

CRANES

S52^{4T}





Sáez cranes

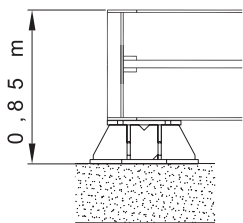
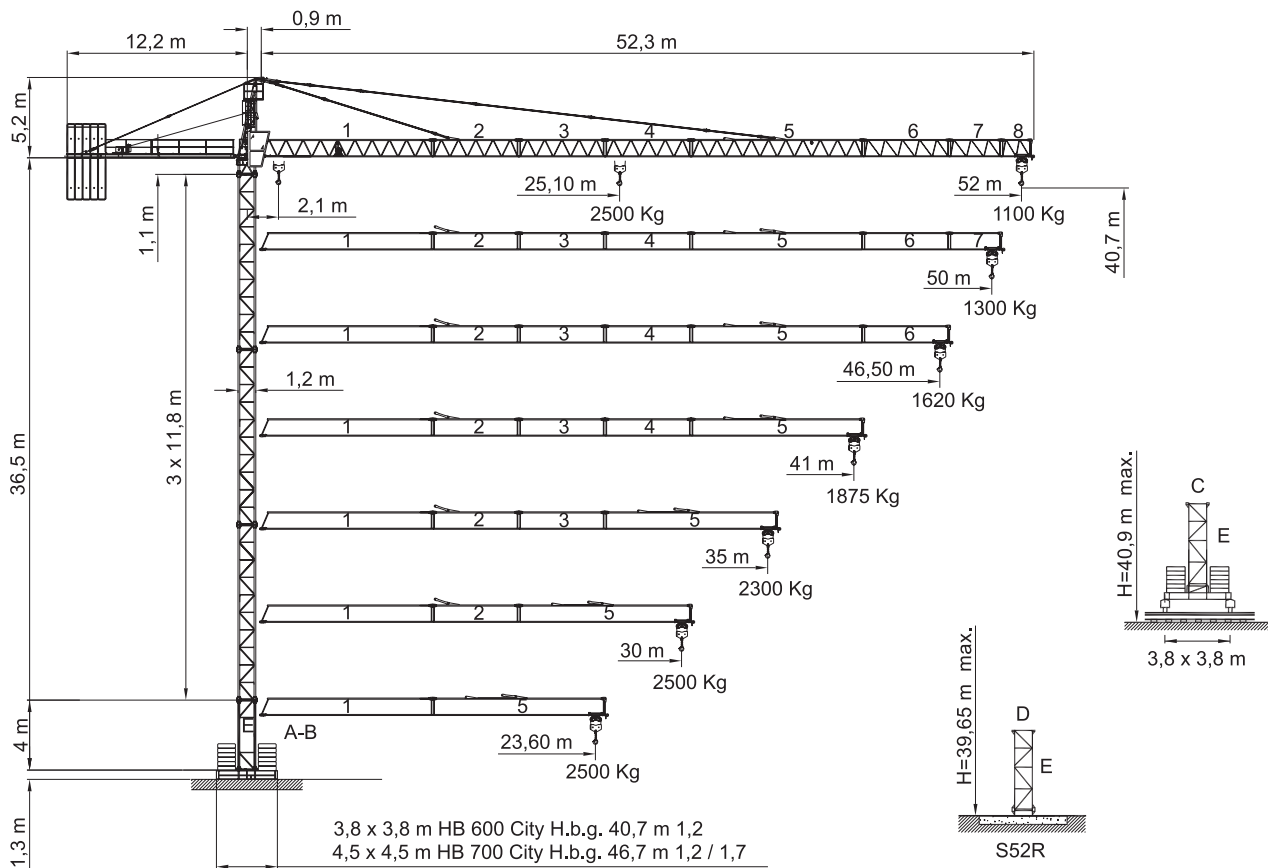
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S52
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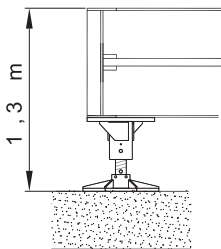
DIN/FEM 
UNE 58-101-92 FEM 1001-87
According to EC 98/37 instruction

Windzone A-B / DIN 15019
Viento max. fuerza de servicio 150km/h
Maximun wind speed out of service 150 km/h
Maximale windstärke, ohne Betrieb 150 km/h
Vent maximum, hors service 150 km/h
Vento max, fuori di servizio 150 km/h

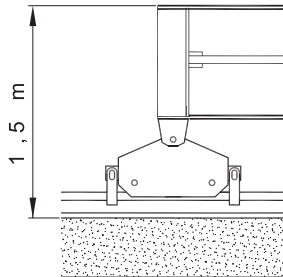
Sáez cranes



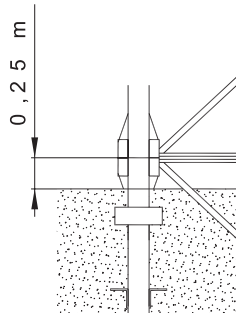
A



B



C



D

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		



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

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
		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	1,5 / 3			1,5 / 3		
		r.p.m	0,3	0,6	0,9	0,3	0,6	0,9
		Kw	2 x 5,5			2 x 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
		Kg	2500	2500	1500	4000	4000	2600
		Kw	18,5	18,5	18,5	18,5	18,5	18,5

- * Opcional / Optional / Opzionale /
 Elevación / Hoisting / Heben / Levage / Sollevamento
 Distribución / Trolleying / Katzfahren / Distribution / Dìtribuzione
 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
		Kg	2500	2500	1000	4000	4000	2500
		Kw	11,5	11,5	11,5	11,5	11,5	11,5



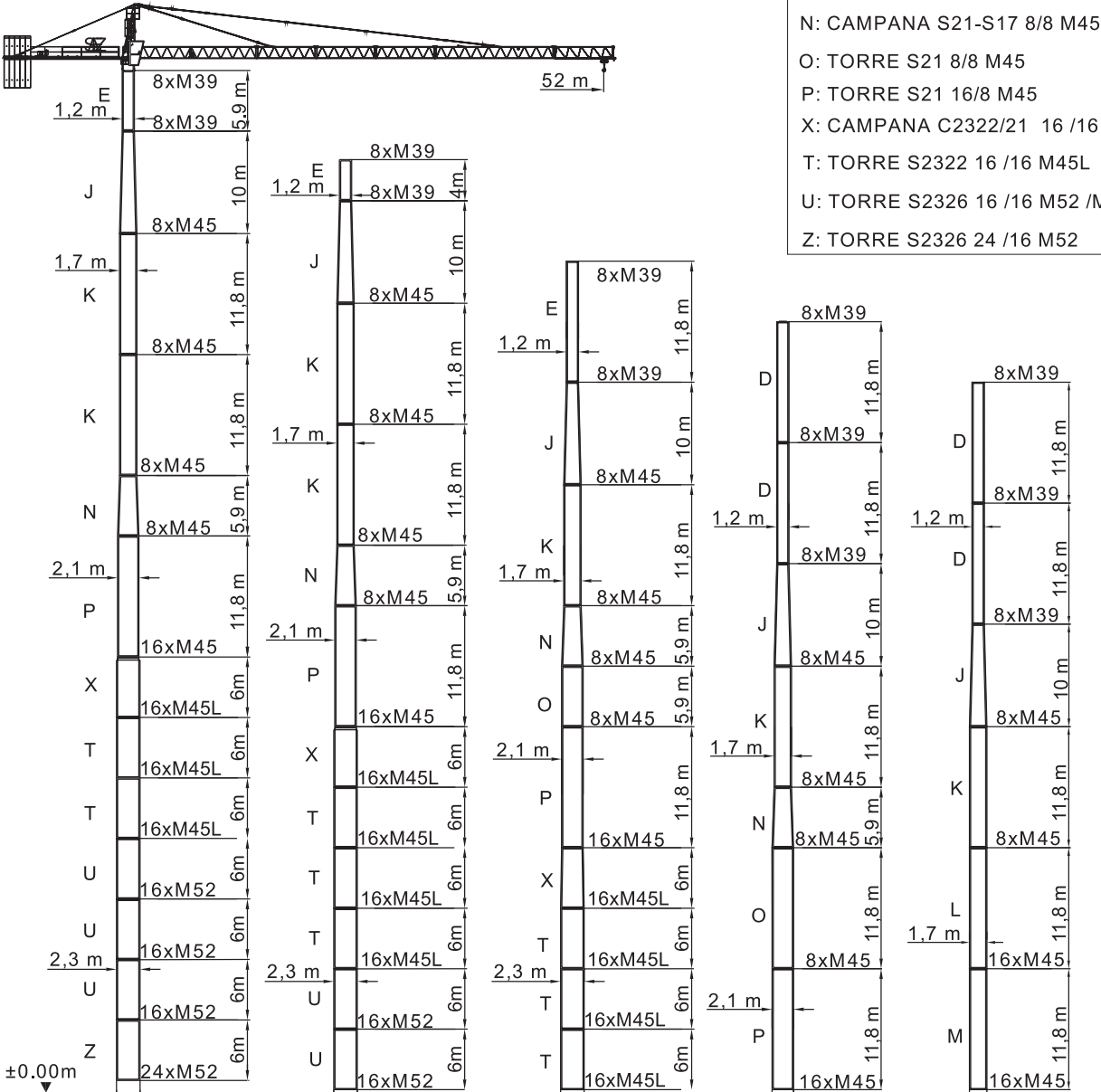
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	25 m	50 m	100 m
15 Hp (11,5 KW) 3V	4 x 16 mm ²	4 x 16 mm ²	4 x 25 mm ²
25 Hp (18,5 KW) 3V	4 x 25 mm ²	4 x 25 mm ²	4 x 25 mm ²
25 Hp (18,5 KW) INV	4 x 25 mm ²	4 x 25 mm ²	4 x 25 mm ²

 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 24KW / 90 kVA
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Windzone A-B / DIN 15019
Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni

- 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



S75R24/26	S75R16/26	S75R16/22	S70R/16	S60R/16
H: 100,7m	H: 91,6 m	H: 81,5 m	H: 75,2 m	H: 69,3 m
P(t): 77.472	P(t): 76.351	P(t): 147	P(t): 58,6	P(t): 45
T(t): 27.523	T(t): 24.465	T(t): 20	T(t): 15,85	T(t): 11,9
M(t·m): 1906,22	M(t·m): 1486,24	M(t·m): 1144,3	M(t·m): 723,7	M(t·m): 510



Sáez cranes

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Windzone A-B / DIN 15019

Mástil / Reacciones

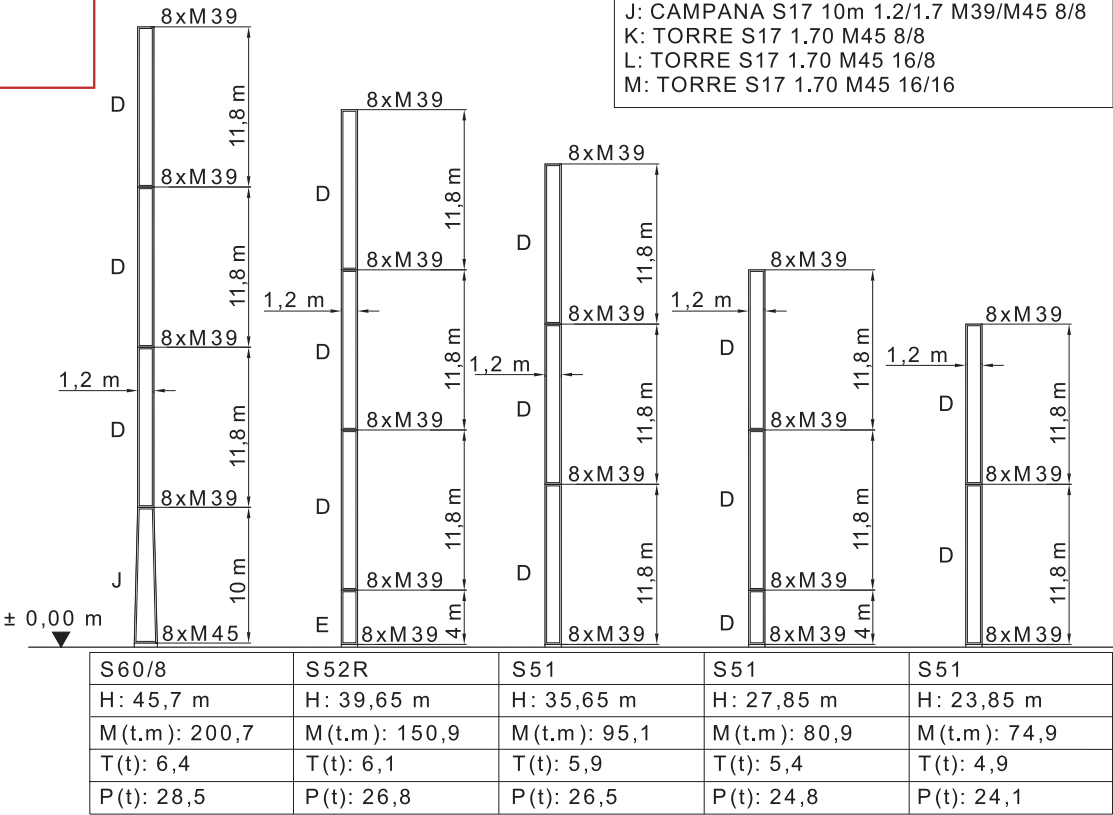
Masts / Reactions

Maste / Eckdrücke

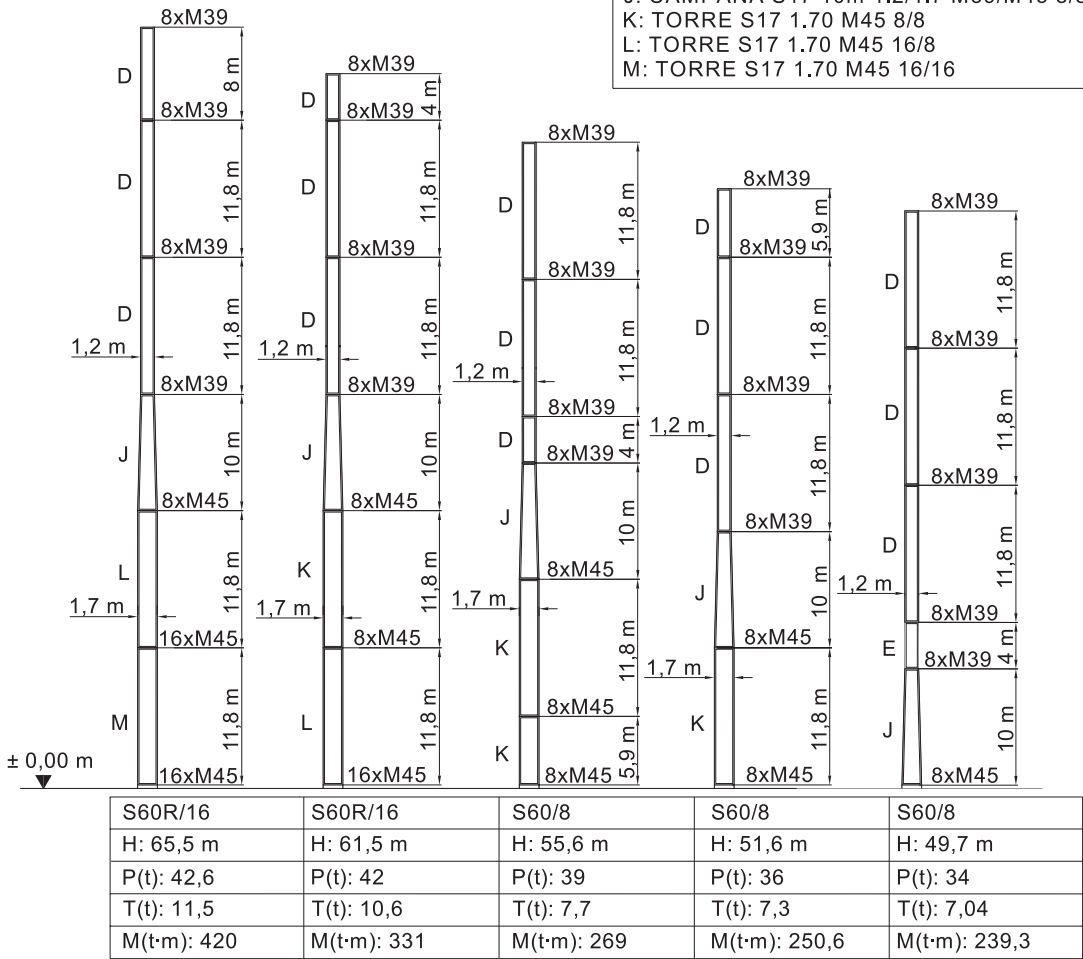
Mat / Réactions

Torre / Reazioni

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



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

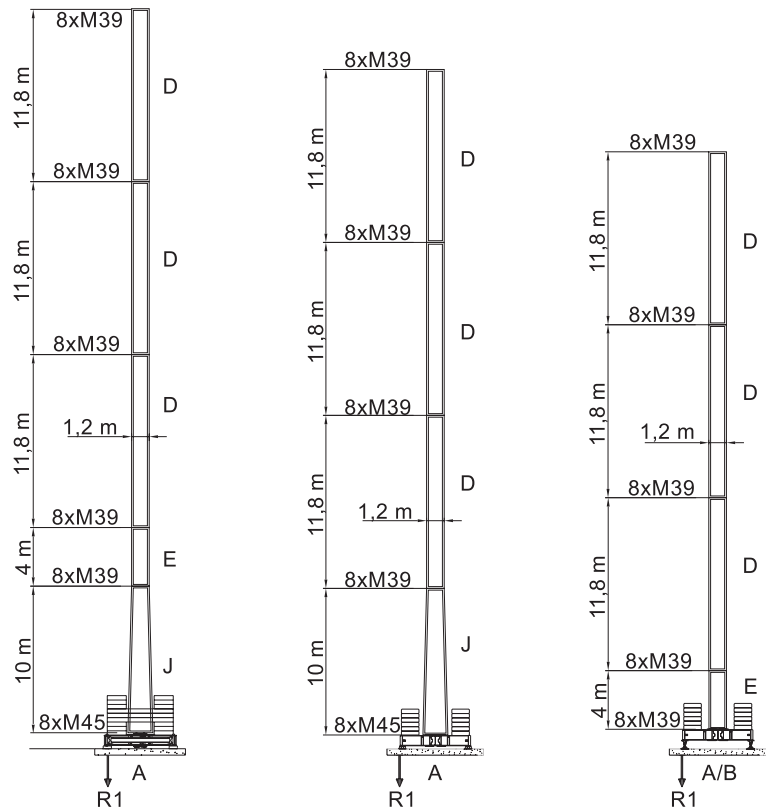




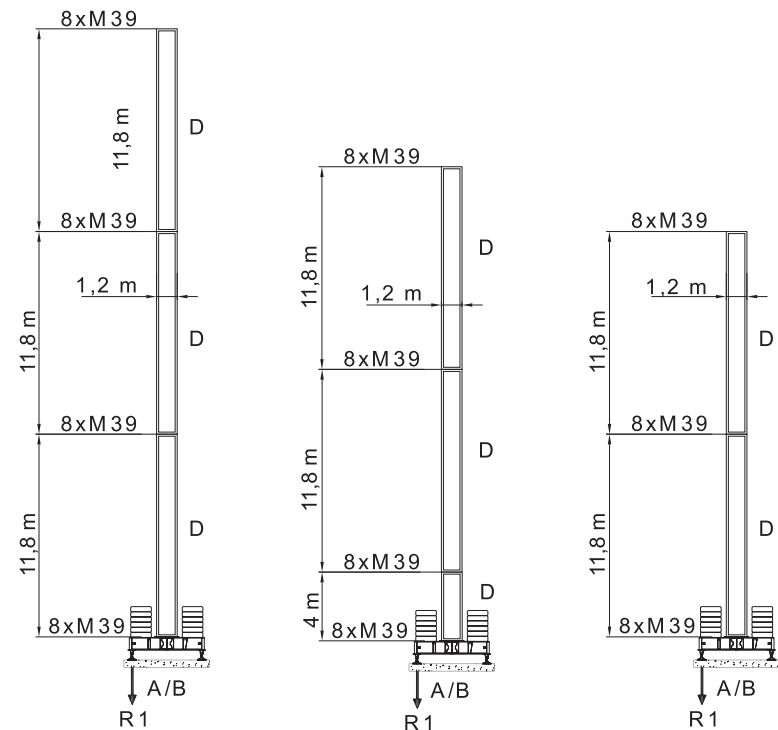
Sky's the limit

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

D : TORRE S/TL 50-52 1.20 M 39/M 39 8/8
E : TORRE TL 55 1.20 M 39/M 39 8/8
J : CAMPANA S17 10m 1.20/1.70 M 39/M 45 8/8



H(m): 50,6	H(m): 46,5	H(m): 40,7
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: 121,6 Tn	LASTRE: 98,8 Tn	LASTRE: 72,6 Tn
R1= 95,6 Tn	R1= 79,2 Tn	R1= 66,15 Tn



H(m): 36,4	H(m): 28,6	H(m): 24,6
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: 53 Tn	LASTRE: 53 Tn	LASTRE: 45,6 Tn
R1= 46,96 Tn	R1= 43,12 Tn	R1= 39,2 Tn



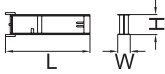
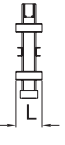
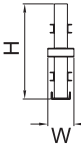
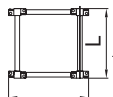
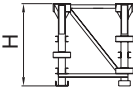
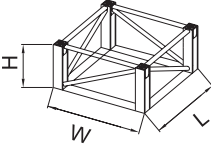
Sáez cranes

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			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	1,32	982
Elemento intermedio de pluma Intermediate jib section / Ausleger-Zwischenstück Elément 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	0,95 0,95 0,95 0,95 0,95 0,95 0,95	1,32 1,22 1,22 1,32 1,22 1,22 1,22	465 475 450 915 328 225 142
Contrapluma / Counter-jib Gegenausleger / Contre-flèche Controbraccio			11,5 4,05	0,26 0,33	1,48 0,58	1480 96
Elemento de torre / Tower section Turmstück / Elcment de mât Elemento di torre		D D D D E E E J K K K L M N O O O P X T U Z	11,8 8,0 5,9 4,0 11,8 8,0 5,9 10 11,8 5,9 4,0 11,8 11,8 5,9 11,8 5,9 3 11,8 6 6 6 6	1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,85 1,85 1,85 1,85 1,85 1,85 2,27 2,27 2,27 2,27 2,27 2,29 2,29 2,31 2,61	1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,85 1,85 1,85 1,85 1,85 2,27 2,27 2,27 2,27 2,27 2,29 2,29 2,34 2,34	3017 2075 1560 1100 3782 2654 2090 3520 4600 2472 1425 5520 5670 3500 5044 2640 1545 5700 4000 4300 5910 5980
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
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



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		L(m)	W(m)	H(m)	Peso(Kg)
Semiviga secundaria base / Half base beam / Halbträger für fundamentkreuz semipoutre de châssis de base/ Semitrave secundaria della base		2,77	0,45	0,665	800
Elemento de empotre / Foundation anchor / Fundamentanker / Élément de scellement / El annegare.	 S511,21,381,42496 S52R1,21,381,42594 S60/81,851,851,6956 S60R/161,851,851,61108 S70/82,282,281,61122 S70R/162,282,281,61274 S75R16/22 (4x) 0,50,52,5710 S75R16/26 (4x) 0,50,52,5790 S75R24/26 (4x) 0,50,52,5850				
		DIMA	2,31	2,34	0,81650

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