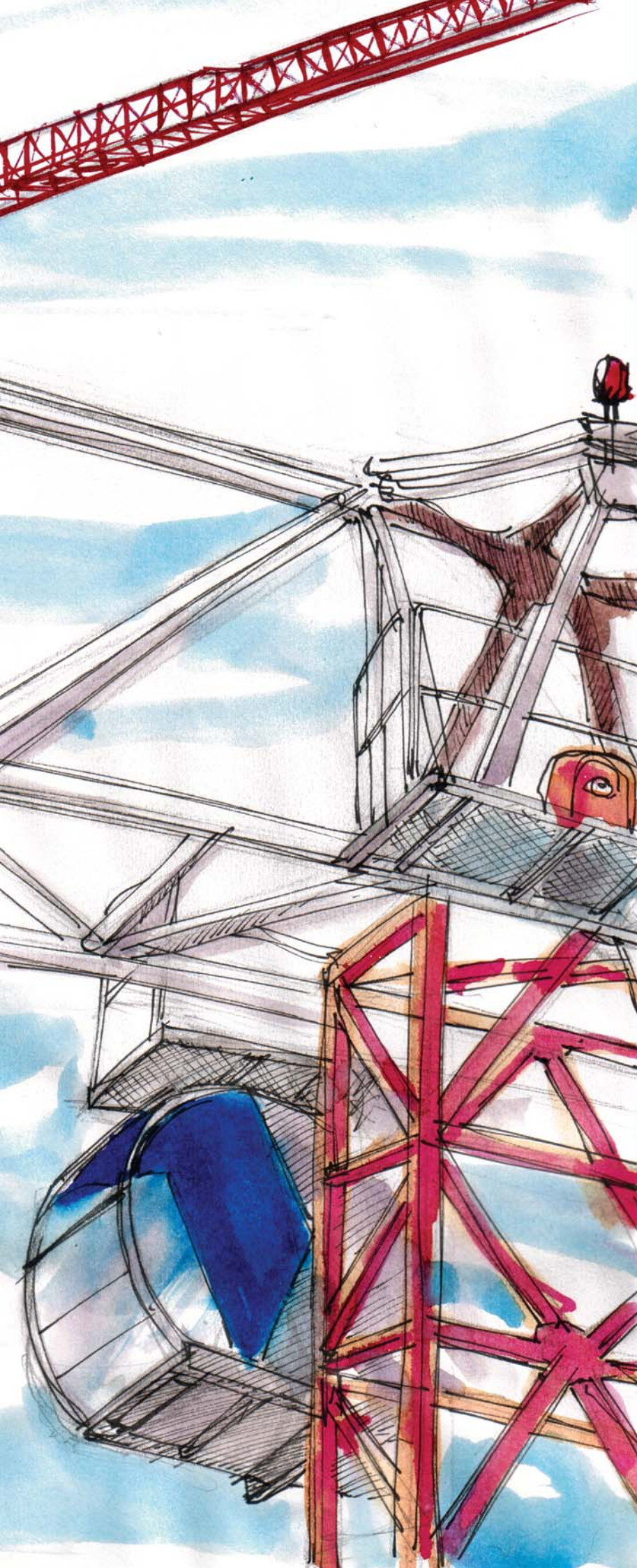
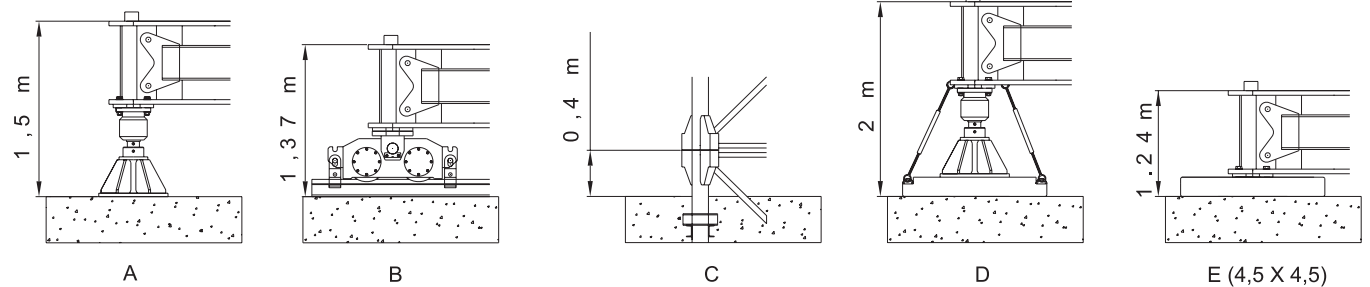
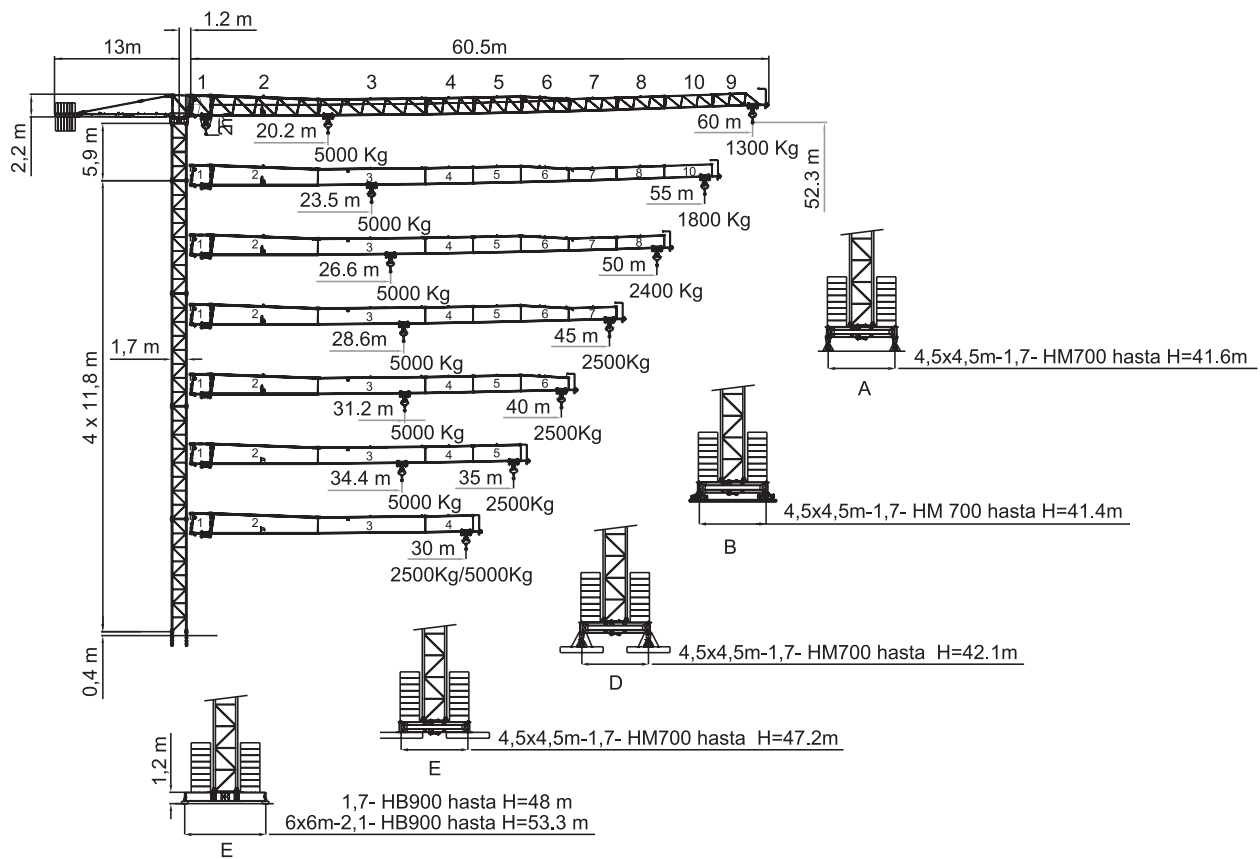


An artistic sketch of a crane structure, featuring a red lattice boom at the top left, a complex steel framework in the center, and a blue cylindrical component at the bottom left. The background is a light blue sky with white clouds. The style is a combination of pencil sketching and watercolor painting.

SAEZ

CRANES

TLS 605 5T



60 m 	10	15	20	25	30	35	37	40	45	50	55	60	m Kg m Kg	
	2500	2500	2500	2500	2500	2500	2500	2255	1934	1679	1472	1300		
	10	15	20	20.2	25	30	35	40	45	50	55	60		
	5000	5000	5000	5000	3857	3067	2511	2098	1780	1527	1321	1150		
55 m 	10	15	20	25	30	35	40	42.8	45	50	55		m Kg m Kg	
	2500	2500	2500	2500	2500	2500	2500	2337	2041	1800				
	10	15	20	23.5	25	30	35	40	45	50	55			
	5000	5000	5000	5000	4600	3682	3035	2555	2184	1889	1650			
50 m 	10	15	20	25	30	35	40	45	48.5	50			m Kg m Kg	
	2500	2500	2500	2500	2500	2500	2500	2500	2500	2400				
	10	15	20	25	26.6	30	35	40	45	50				
	5000	5000	5000	5000	5000	4292	3555	3007	2585	2250				
45 m 	10	15	20	25	30	35	40	45					m Kg m Kg	
	2500	2500	2500	2500	2500	2500	2500	2500						
	10	15	20	25	28.6	30	35	40	45					
	5000	5000	5000	5000	5000	4694	3897	3306	2850					
40 m 	10	15	20	25	30	35	40						m Kg m Kg	
	2500	2500	2500	2500	2500	2500	2500							
	10	15	20	25	30	31.2	35	40						
	5000	5000	5000	5000	5000	5000	4349	3700						
35 m 	10	15	20	25	30	35							m Kg m Kg	
	2500	2500	2500	2500	2500	2500								
	10	15	20	25	30	34.4	35							
	5000	5000	5000	5000	5000	5000	4900							
30 m 	10	15	20	25	30								m Kg m Kg	
	2500	2500	2500	2500	2500									
	10	15	20	25	30									
	5000	5000	5000	5000	5000									

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

Sáez cranes

	60 m			55 m			50 m			45 m		
	A	B	C	A	B	C	A	B	C	A	B	C
	7	1	-	6	2	-	5	3	-	6	1	-
	19000 Kg			18000 Kg			17000 Kg			16500 Kg		

	40 m			35 m			30 m		
	A	B	C	A	B	C	A	B	C
	4	3	-	3	3	-	2	3	-
	14500 Kg			12000 Kg			9500 Kg		

Bloque de contrapeso
Counterweight blocks
 Gegengewichtsblöcke
Bloc de contrepoids
 Blocco di contrappeso

25 Hp (19Kw) - 3vel. H.B.G. 96 Mts S/R Ø10								
▲ ▼	284 m	m/min	7,5	35	68	3,7	17,5	34
		Kg	2500	2500	1500	5000	5000	3000
		Kw	19	19	19	19	19	19
◀ ▶		m/min	11 / 37 / 75			11 / 37 / 75		
		Kw	3,0			3,0		
⊙		r.p.m	0,3	0,6	0,9	0,3	0,6	0,9
		Nm	2 x 65			2 x 65		
⏏		m/min	12 / 24			12 / 24		
		Kw	4 x 3			4 x 3		

Mecanismos
Mechanisms
 Antriebe
Mécanismes
 Meccanismi.

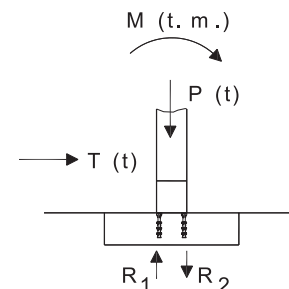
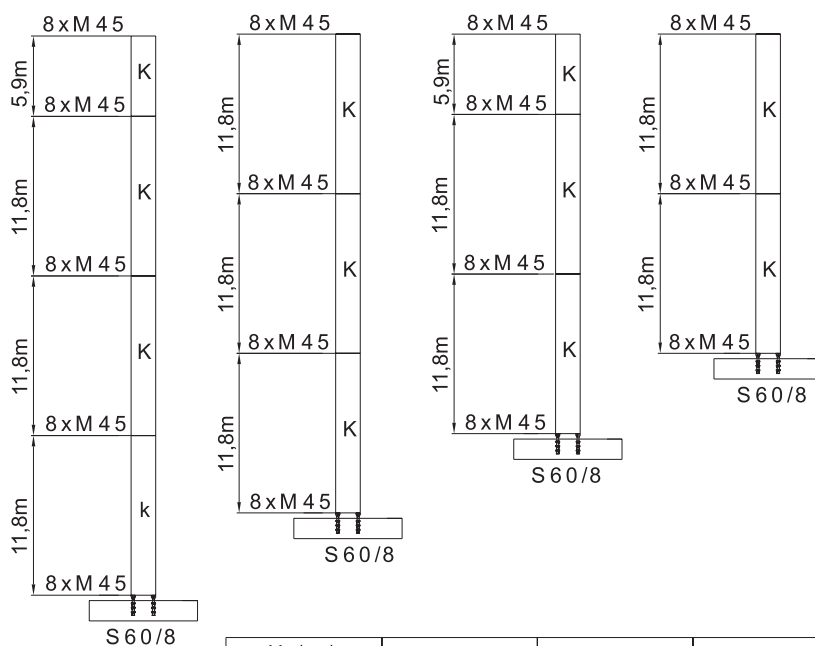
* 25Hp (19Kw) - INV. H.B.G.96 Mts S/R Ø10								
▲ ▼	284 m	m/min	0 → 9	0 → 37	0 → 80	0 → 4,5	0 → 18,5	0 → 40
		Kg	2500	2500	1500	5000	5000	3000
		Kw	19	19	19	19	19	19

	400 V 50 Hz	100m 4x25mm ²	GENERADOR 130 kVA	POTENCIA INSTALADA 30 KW
--	----------------	-----------------------------	----------------------	--------------------------------

- * Opcional / Optional / Opzionale /
 ● Elevación / Hoisting / Heben / Levage / Sollevamento
 ■ Distribución / Trolleying / Katzfahren / Distribution / Distribuzione
 ⊙ Orientación / Slewing / Schwenken / Orientation / Rotazione
 ⏏ Traslación / Travelling / Schienenfahren / Translation / Traslazione
 ▬ Cable / Rope / Seil / Câble / Fune

	380 V 60 Hz	100m 4x25mm ²	OPCIONAL
--	----------------	-----------------------------	----------

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



H (m)	40.5	34.6	28.7	22.8
M (T.m)	286.6	242.1	202.4	168.7
T (t)	9	8	7	5.6
P (t)	53.5	51.3	49	47
R ₁ (t)	111	79.1	51	45
R ₂ (t)	137.6	105	83.4	77.1

K = S 17 8/8
 L = S 17 16/8
 N = S 17-S 21 8/8
 O = S 21 8/8
 P = S 21 16/8

Windzone A-B / DIN 15019

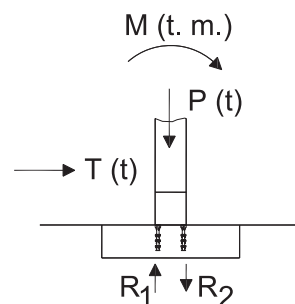
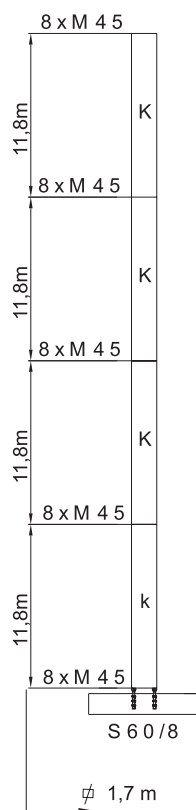
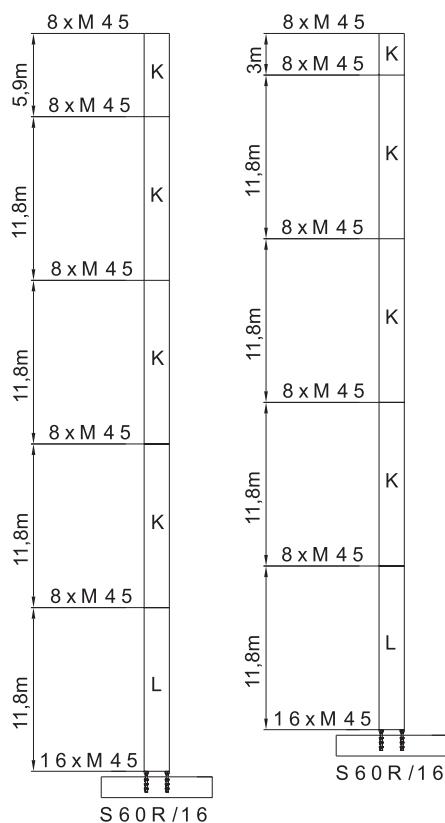
Mástil / Reacciones

Masts / Reactions

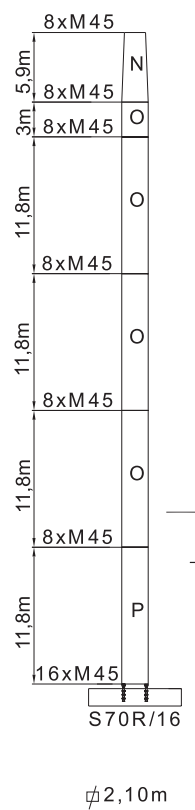
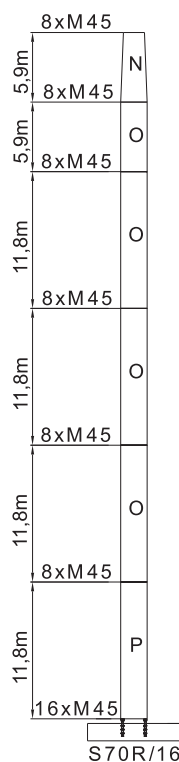
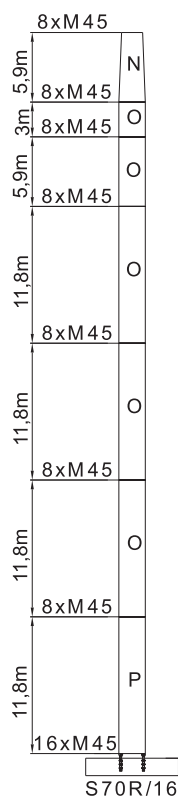
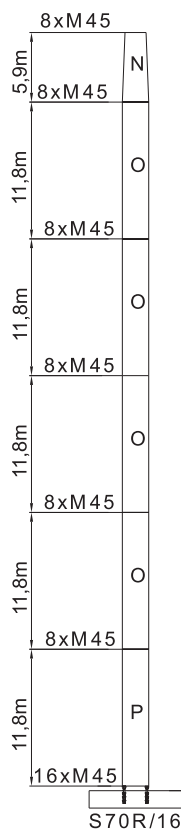
Maste / Eckdrücke

Mat / Réactions

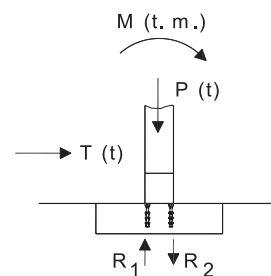
Torre / Reazioni



H (m)	52.3	48.9	46.4
M (T·m)	411.7	411	336.2
T (t)	11.2	11	10.1
P (t)	57.7	57	55.6
R ₁ (t)	185	185	146
R ₂ (t)	214	214	174



K = S17 8/8
L = S17 16/8
N = S21-S17 8/8
O = S21 8/8
P = S21 16/8



H (m)	64.1	60.7	58.2	55.2
M (T·m)	586.7	537.3	488.3	442.7
T (t)	13.4	12.8	12.3	11.8
P (t)	68.6	67.2	65.8	64.4
R ₁ (t)	200.7	183	165.2	148.8
R ₂ (t)	235	216.5	198	181.1

Windzone A-B / DIN 15019

Mástil / Reacciones

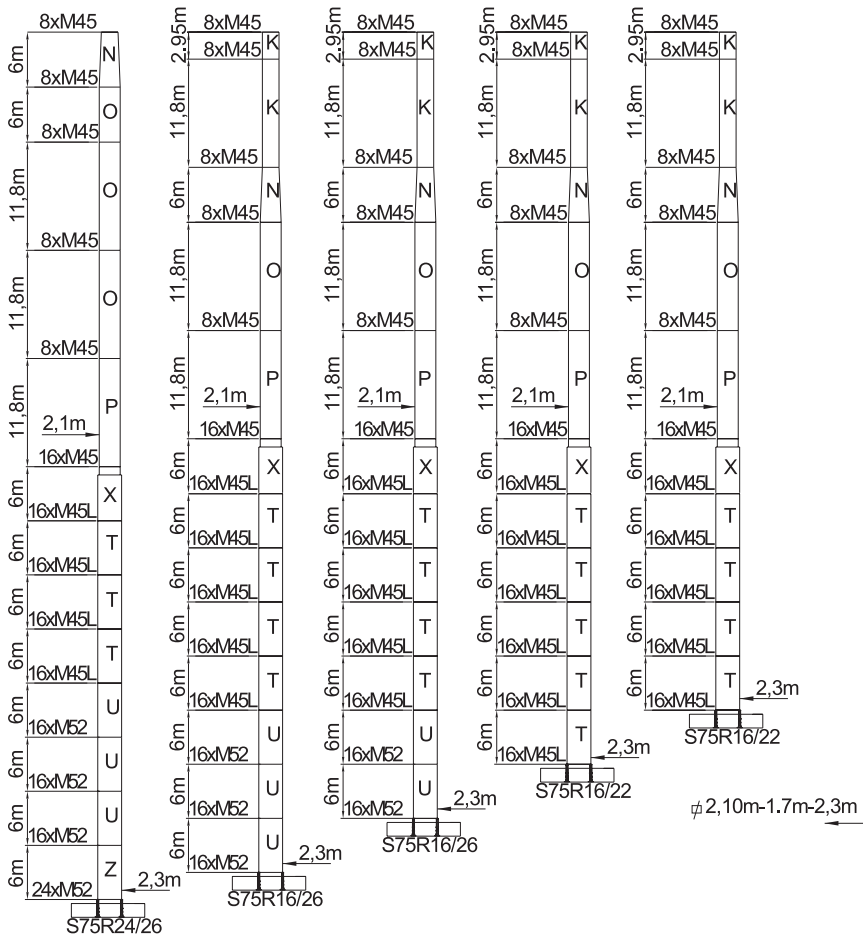
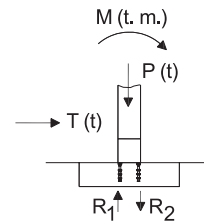
Masts / Reactions

Maste / Eckdrücke

Mat / Réactions

Torre / Reazioni

K = S17 8/8
L = S17 16/8
N = S21-S17 8/8
O = S21 8/8
P = S21 16/8
X = C2322/21 16/16 M45/M45L
T = S2322 16/16 M45L
U = S2326 16/16 M52/M45L
Z = S2326 24/16L M52



H (m)	94.4	90.2	84.2	78.2	72.2
M (T.m)	--	1267.6	1267.6	915.8	766.5
T (t)	--	22.9	22.9	18.6	13.5
P (t)	--	103.3	103.3	84.6	79.1
R1(t)	--	411.4	411.4	281	232.3
R2(t)	--	463.1	463.1	321.3	271.8

Windzone A-B / DIN 15019

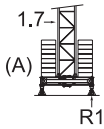
Bloque lastre de base

Base ballast block

Grundballastblöcke

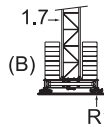
Bloc de lest de base

Blocco di zavorra alla base



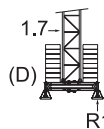
4,5 x 4,5 m-1,7- HM 700	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
	H (m)	18 m	31 m	23,9 m	26,9 m	29,8 m	32,8 m
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

4,5 x 4,5 m-1,7- HM 700	R1 (t)	82,4 t	86,7 t	88,1 t
	H (m)	35,7 m	38,7 m	41,6 m
	Z (t)	91,2 t	102,6 t	102,6t



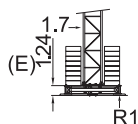
4,5 x 4,5 m-1,7- HM 700	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
	H (m)	17,8 m	20,8 m	23,7 m	26,7 m	29,6 m	32,6 m
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

4,5 x 4,5 m-1,7- HM 700	R1 (t)	82,4 t	86,7 t	88,1 t
	H (m)	35,5 m	38,5 m	41,4 m
	Z (t)	91,2 t	102,6 t	102,6t

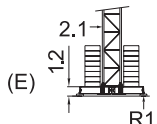


4,5 x 4,5 m-1,7- HM 700	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
	H (m)	18,5 m	21,5 m	24,4 m	27,4 m	30,3 m	33,3 m
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

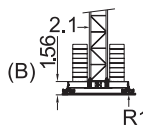
4,5 x 4,5 m-1,7- HM 700	R1 (t)	82,4 t	86,7 t	88,1 t
	H (m)	36,2 m	39,2 m	42,1 m
	Z (t)	91,2 t	102,6 t	102,6t



4,5 x 4,5 m-1,7- HM 700	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
	H (m)	17,7 m	20,7 m	23,6 m	26,6 m	29,5 m	32,5 m
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t
4,5 x 4,5 m-1,7- HM 700	R1 (t)	82,4 t	86,7 t	88,1 t	94,4 t	95,3 t	
	H (m)	35,4 m	38,4 m	41,3 m	44,3 m	47,2 m	
	Z (t)	91,2 t	102,6 t	102,6 t	121,6 t	121,6 t	



6 x 6 m-2,1/1,7- HB 900	R1 (t)	46,5 t	49,1 t	53,8 t	62,5 t	71,9 t	
	H (m)	23,9 m	29,8 m	35,7 m	38,7 m	41,7 m	
	Z (t)	53,2 t	53,2 t	53,2 t	53,2 t	57 t	
6 x 6 m-2,1/1,7- HB 900	R1 (t)	81,6 t	92,6 t	104,1 t	116,5 t		
	H (m)	44,7 m	47,7 m	50,7 m	53,7 m		
	Z (t)	68,4 t	76 t	87,4 t	95 t		



6 x 6 m-2,1/1,7- HB 900	R1 (t)	46,5 t	49,1 t	53,8 t	62,5 t	71,9 t	
	H (m)	24,2 m	30,1 m	36 m	39 m	42 m	
	Z (t)	53,2 t	53,2 t	53,2 t	53,2 t	57 t	
6 x 6 m-2,1/1,7- HB 900	R1 (t)	81,6 t	92,6 t				
	H (m)	45 m	48 m				
	Z (t)	68,4 t	76 t				

Windzone A-B / DIN 15019

Bloque lastre de base

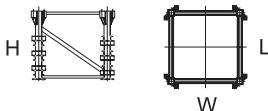
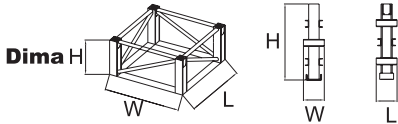
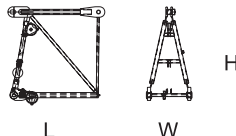
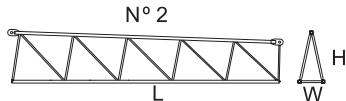
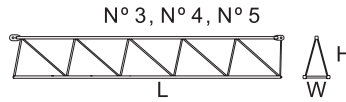
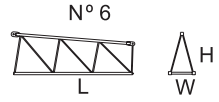
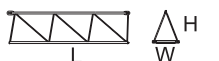
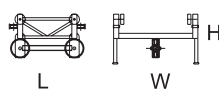
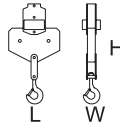
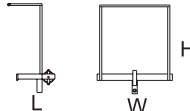
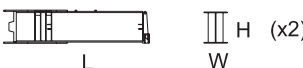
Base ballast block

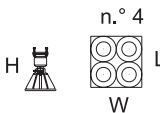
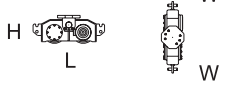
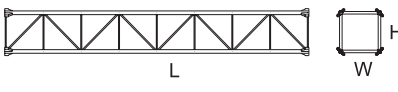
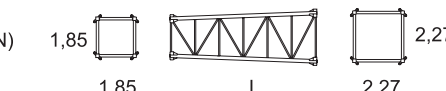
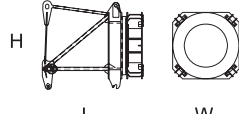
Grundballastblöcke

Bloc de lest de base

Blocco di zavorra alla base

		L(m)	W(m)	H(m)	Peso(Kg)
Contrapluma / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio					
		11,94	1,80	0,60	2575
Bloque de contrapeso / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso		3,20	1,25	0,29	2500
		1,83	1,25	0,29	1500
Base Cruciforme 4,5 X 4,5 / Crossbase 4,5 X 4,5 / Fundamentkreuz 4,5 X 4,5 / Châsis 4,5 X 4,5 / Carro base 4,5 X 4,5		6,70	1,10	1,20	5750
Vigas auxil. de base / Half base beams / Halbräger für fundamentkreuz / Semipoutre de châsis de base / Travi di congiunzi di congiunzione		4,40	0,30	0,55	220
Bloque lastre de base / Base ballast block / Grundballastblöcke / Bloc de lest de base Blocco di zavorra alla base		4,40	0,30	1,20	3800
Bloque apoyo de base / Base support block / Grundballastblöcke / Bloc de appui de base Blocco di appoggio alla base		3,75	0,5	1,2	5400

		L(m)	W(m)	H(m)	Peso(Kg)		
Elemento de empotre / Foundation anchor / Fundamentanker / Élément de scellement / El annegare.		S60/8	1,85	1,85	1,6	956	
		S60/R16	1,85	1,85	1,6	1108	
		S70/8	2,27	2,27	1,6	1122	
		S70R/16	2,27	2,27	1,6	1274	
		S75R 8/20	0,35	0,35	1,60	1200	
		S75R 16/22	0,5	0,5	2,5	2840	
		S75R 16/26	0,5	0,5	2,5	3160	
		S75R 24/26	0,5	0,5	2,5	3400	
Utilaje tramo empotre DIMA Tool fixing anchors Vorrichtung fundamentanker Outillage de l'ement de scellement Ferramenta trancheto fondazione Монтажная платформа закладной секции		Dima	2,31	2,34	0,8	1650	
Pluma tramo primero / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio			2.4	1.3	2,36	950	
Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück Elément interm. de fleche / Spezzone di braccio		N° 2					
		2	11,60	1,13	2,25	2194	
		3	11,60	1,13	1,80	1720	
		4	5,30	1,13	1,80	620	
		5	5,30	1,13	1,80	530	
		6	5,30	1,13	1,80	470	
		7	5,30	1,13	1,45	376	
		8	5,30	1,13	1,45	326	
		9	5,15	1,13	1,40	248	
		10	5,30	1,13	1,45	326	
			N° 3, N° 4, N° 5				
			N° 6				
		N° 7, N° 8, N° 9, N° 10					
Gancho, Carro y Puntera / Hook, Trolley and jib head / Lasthaken - Laufkatze-Cabeça de Lança Crochet - Chariot-Pointe de fleche / Gancio - Carrello e Punta freccia							
			1,20	1,35	0,80	290	
			0,80	0,15	1,50	330	
			0,80	1,20	1,40	108	
							
Viga principal base 6x6 / Main base beam / Hauptträger für fundamentkreuz Poutre de châssis de base / Trave principale della base			8,65	0,78	0,92	4300	
Semiviga secundaria base 6x6 / Half base beam / Halbträger für fundamentkreuz Semipoutre de châssis de base / Semitrave secundaria della base			4,27	0,68	0,97	2025	

		L(m)	W(m)	H(m)	Peso(Kg)
Niveladores / Levellers / Spindel pyramide / Niveleurs / Piedi regolabile	 n.º 4 (x4)	1,20	1,20	0,90	250
	 (x2)	1,15	1,25	0,45	505
	 (x2)	1,15	0,25	0,45	450
Elemento de torre TL16 / Tower section TL16 / Turmstück TL16 / Element de mât TL16 / Elemento di torre TL16.	 L, W, H	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
		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
		N 5,9			3500
		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
	 (N) 1,85, 2,27, L, W, H				
Unidad de rotacion / Complete slewing unit / Drehbühne / Orientation / Rotazione	 L, W, H	3.04	2,00	3.35	5700
Cabina y soporte / Cabin and support / Kabine und wartungs / Cabine et support / Cabina e supporto	 L, W, H	3,00	1,15	2,35	558

ESPECIFICACIONES SUJETAS A MODIFICACIONES SIN PREVIO AVISO

Specifications subject to modification without notice.
 Obiges kann ohne berstaendigung geaendert werden.
 Specifications susceptibles de modification sans avis préalable.
 Specifiche suscettibili di variazioni senza preavviso.

This information is supplied without liability.
 Sämtliche Angaben erfolgen ohne Gewähr.
 Ces renseignements sont sans garantie.
 Le indicazioni contenute si intendono salvo errori ed omissioni.

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



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