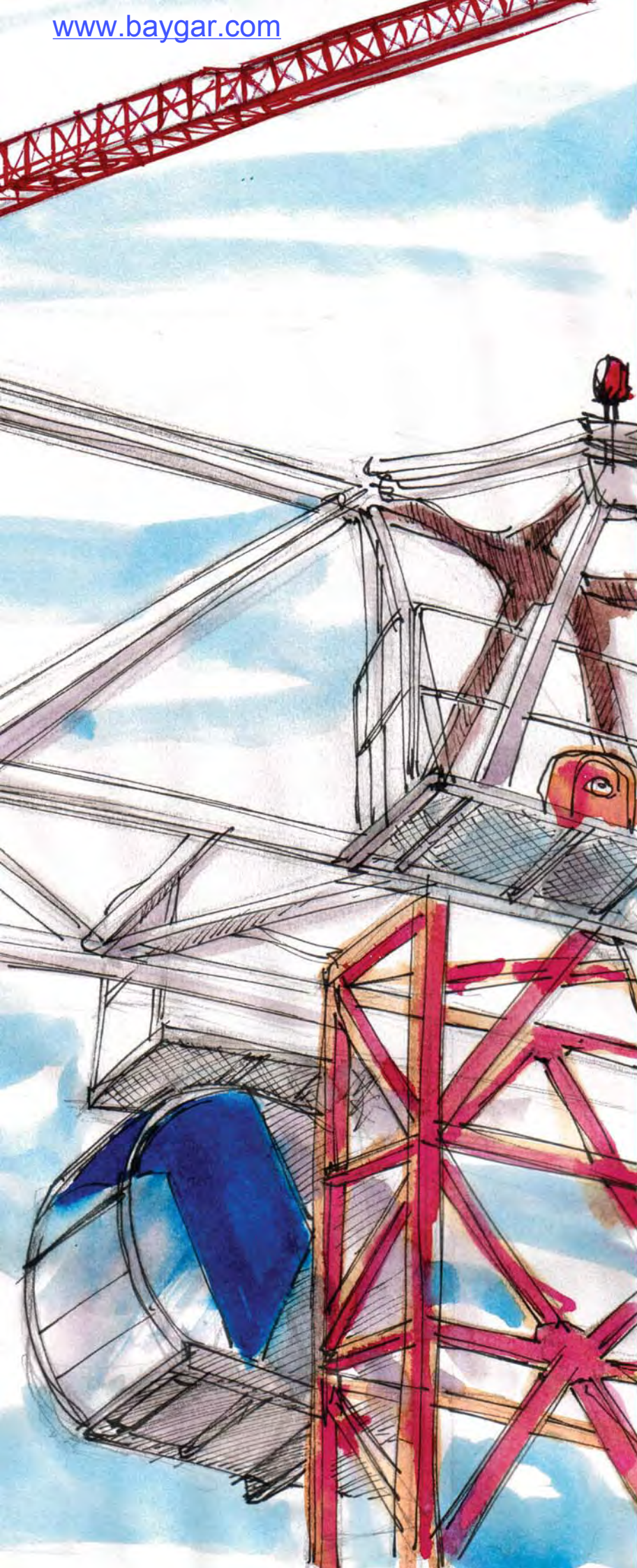
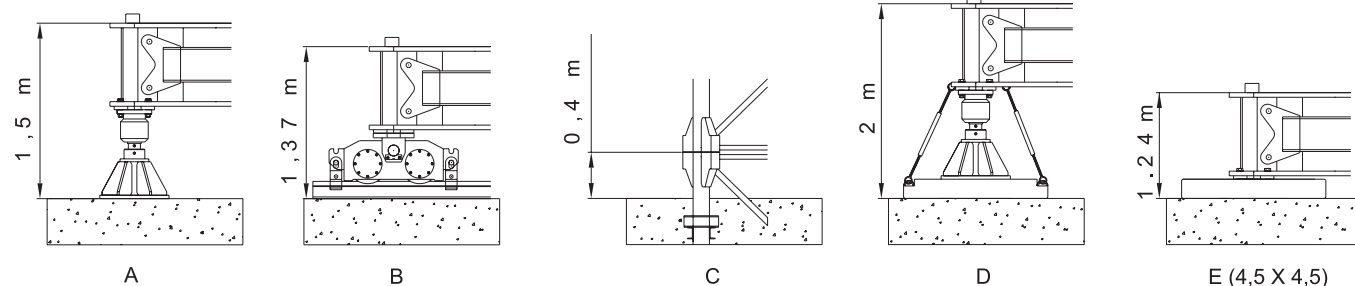
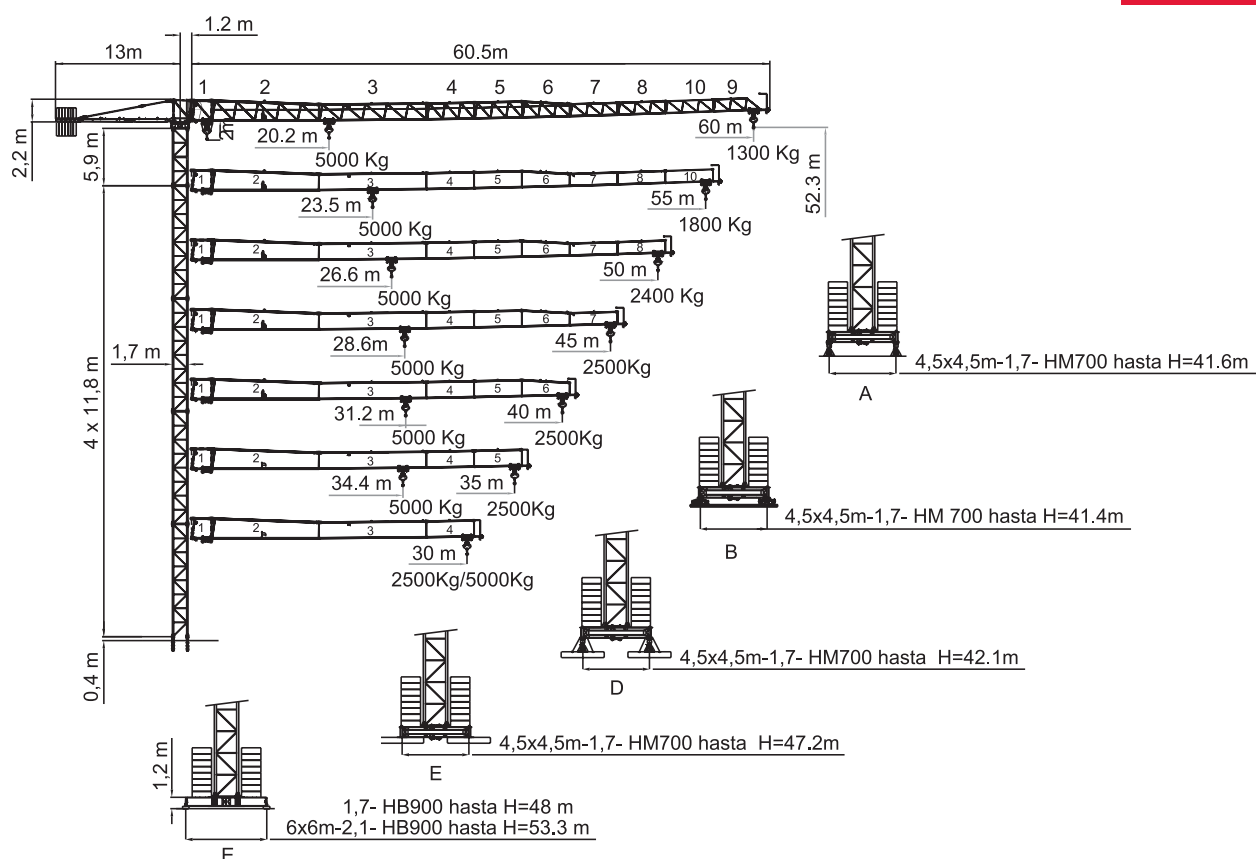


SAEZ

CRANES



15 909 STL^{5T}



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

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

	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								
		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.

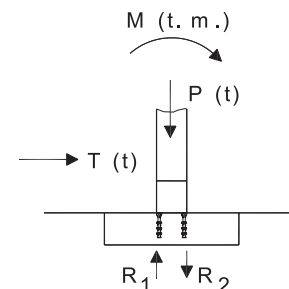
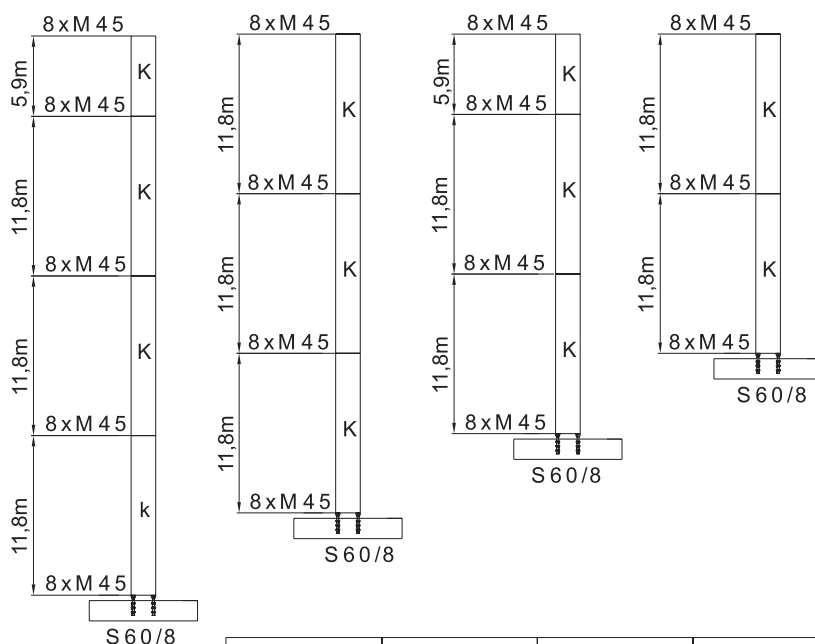
* 25Hp (19Kw) - INV. H.B.G.96 Mts S/R Ø10								
		m/min	0 → 9	0 → 37	0 → 80	0 → 4,5	0 → 18,5	0 → 40
		Kg	2500	2500	1500	5000	5000	3000
		Kw	19	19	19	19	19	19

	400 V 50 Hz	100m 4x25mm ²	GENERADOR 130 kVA	POTENCIA INSTALADA 30 KW
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- * 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
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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 = S17 8/8
 L = S17 16/8
 N = S17-S21 8/8
 O = S21 8/8
 P = S21 16/8

Windzone A-B / DIN 15019

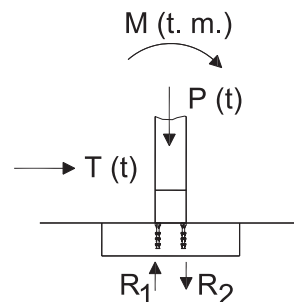
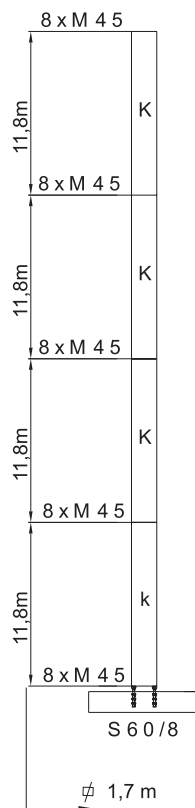
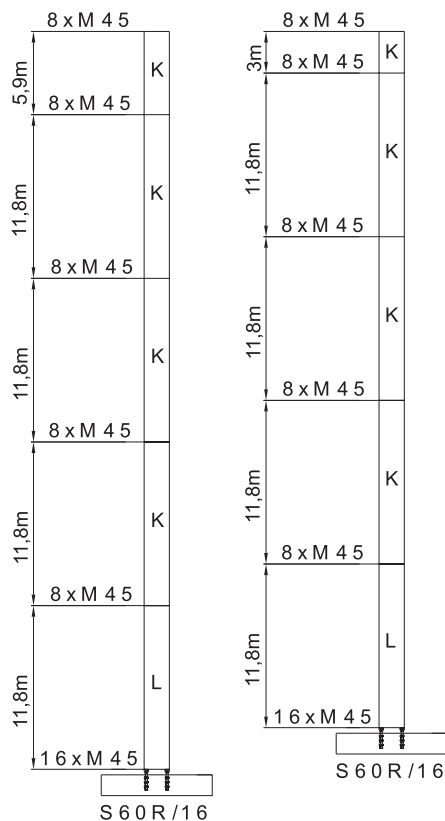
Mástil / Reacciones

Masts / Reactions

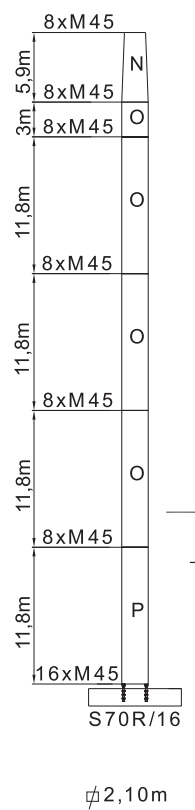
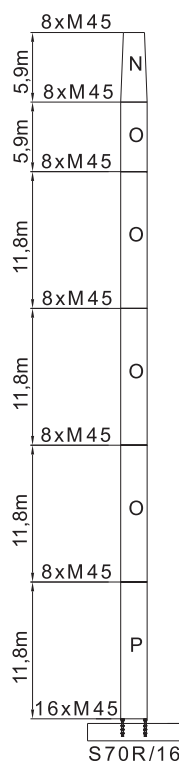
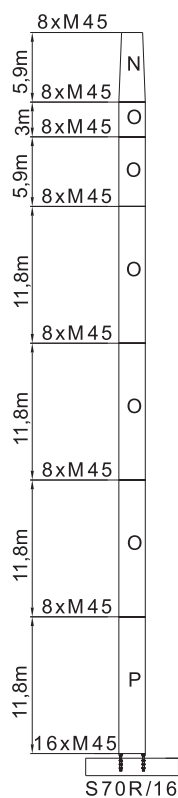
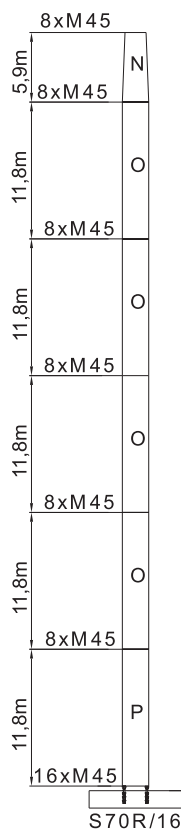
Maste / Eckdrücke

Mat / Réactions

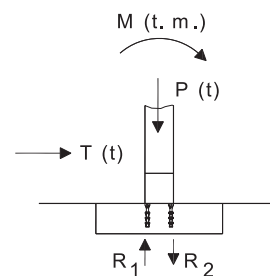
Torre / Reazioni



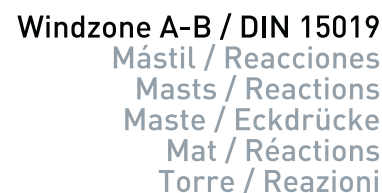
H (m)	52.3	48.9	46.4
M (T·m)	411.7	411	336.2
T (t)	11.2	11	10.1
P (t)	57.7	57	55.6
R ₁ (t)	185	185	146
R ₂ (t)	214	214	174



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

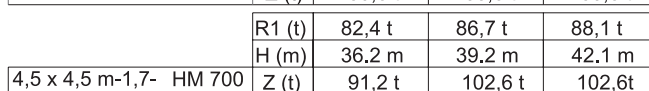


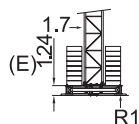
H (m)	64.1	60.7	58.2	55.2
M (T·m)	586.7	537.3	488.3	442.7
T (t)	13.4	12.8	12.3	11.8
P (t)	68.6	67.2	65.8	64.4
R ₁ (t)	200.7	183	165.2	148.8
R ₂ (t)	235	216.5	198	181.1



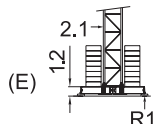
A diagram of a vertical column of height h resting on a base. A horizontal force $T(t)$ is applied to the left at the top. A vertical force $P(t)$ is applied downwards at the top. A clockwise moment $M(t, m.)$ is applied at the top. At the base, there are two reaction forces: R_1 acting upwards and R_2 acting downwards.

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

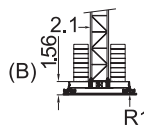




4,5 x 4,5 m-1,7- HM 700	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
	H (m)	17,7 m	20,7 m	23,6 m	26,6 m	29,5 m	32,5 m
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t
4,5 x 4,5 m-1,7- HM 700	R1 (t)	82,4 t	86,7 t	88,1 t	94,4 t	95,3 t	
	H (m)	35,4 m	38,4 m	41,3 m	44,3 m	47,2 m	
	Z (t)	91,2 t	102,6 t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

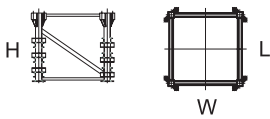
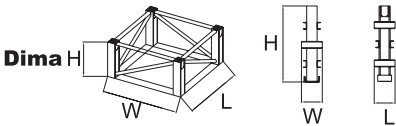
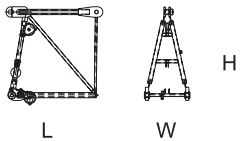
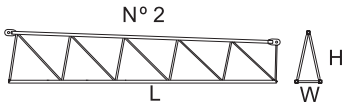
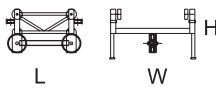
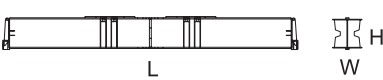


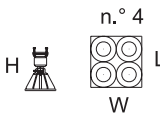
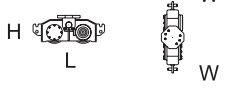
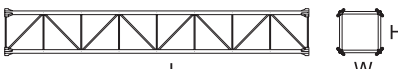
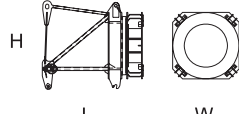
6 x 6 m-2,1/1,7- HB 900	R1 (t)	46,5 t	49,1 t	53,8 t	62,5 t	71,9 t	
	H (m)	24,2 m	30,1 m	36 m	39 m	42 m	
	Z (t)	53,2 t	53,2 t	53,2 t	53,2 t	57 t	
6 x 6 m-2,1/1,7- HB 900	R1 (t)	81,6 t	92,6 t				
	H (m)	45 m	48 m				
	Z (t)	68,4 t	76 t				

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 / Halbträger 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				
Gancho, Carro y Puntera / Hook, Trolley and jib head / Lasthaken - Laufkatze-Cabeça de Lança Crochet - Chariot-Pointe de fleche / Gancio - Carrello e Punta freccia						
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
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.

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 Sämtliche Angaben erfolgen ohne Gewähr.
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 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