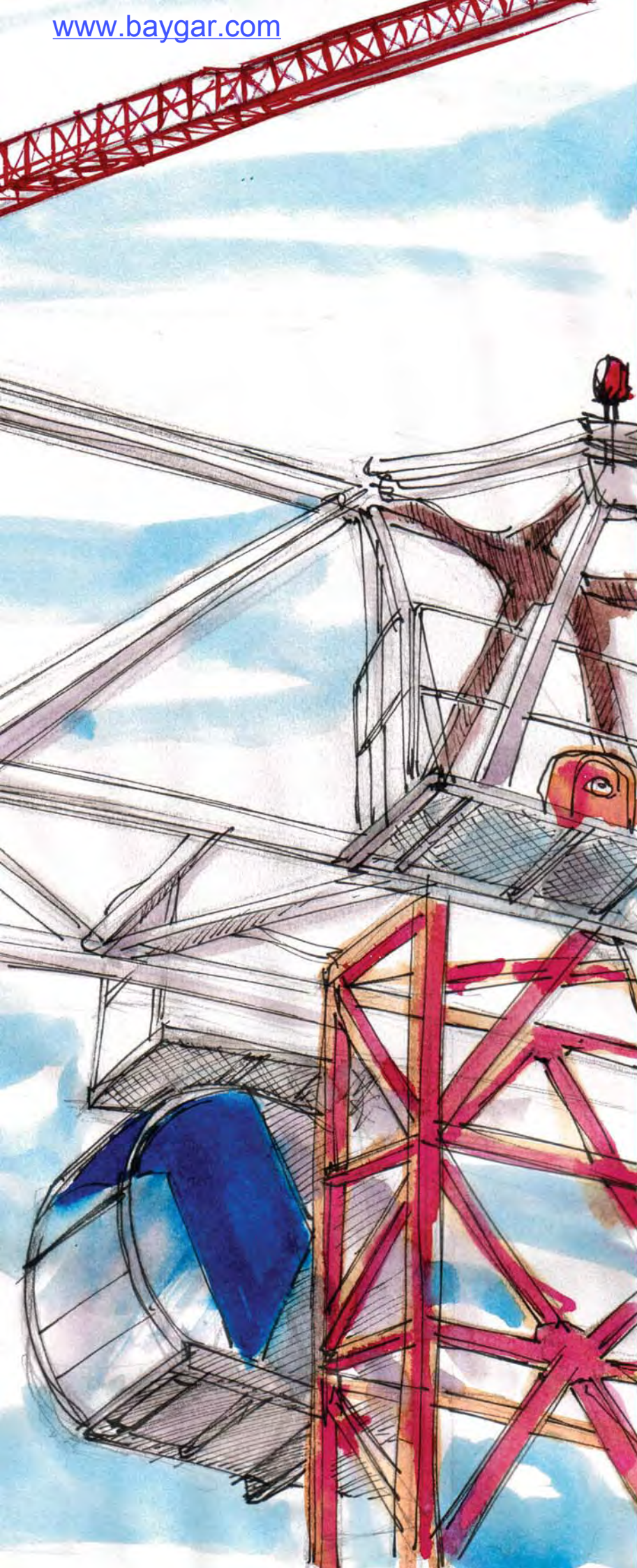
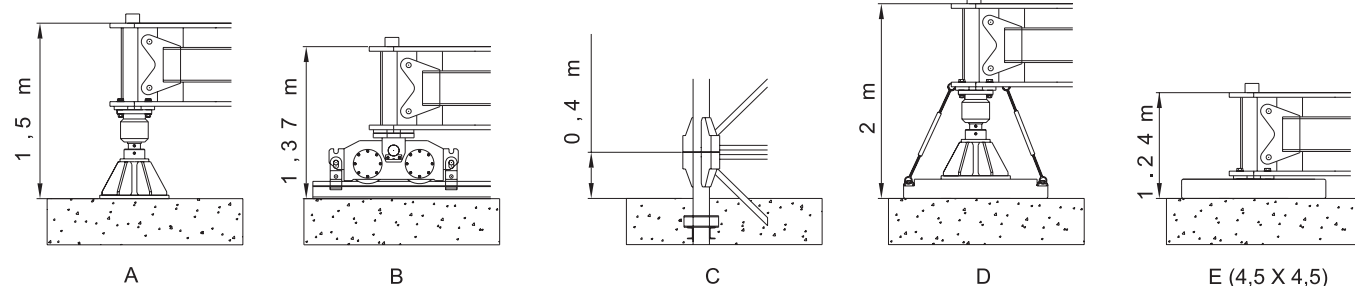
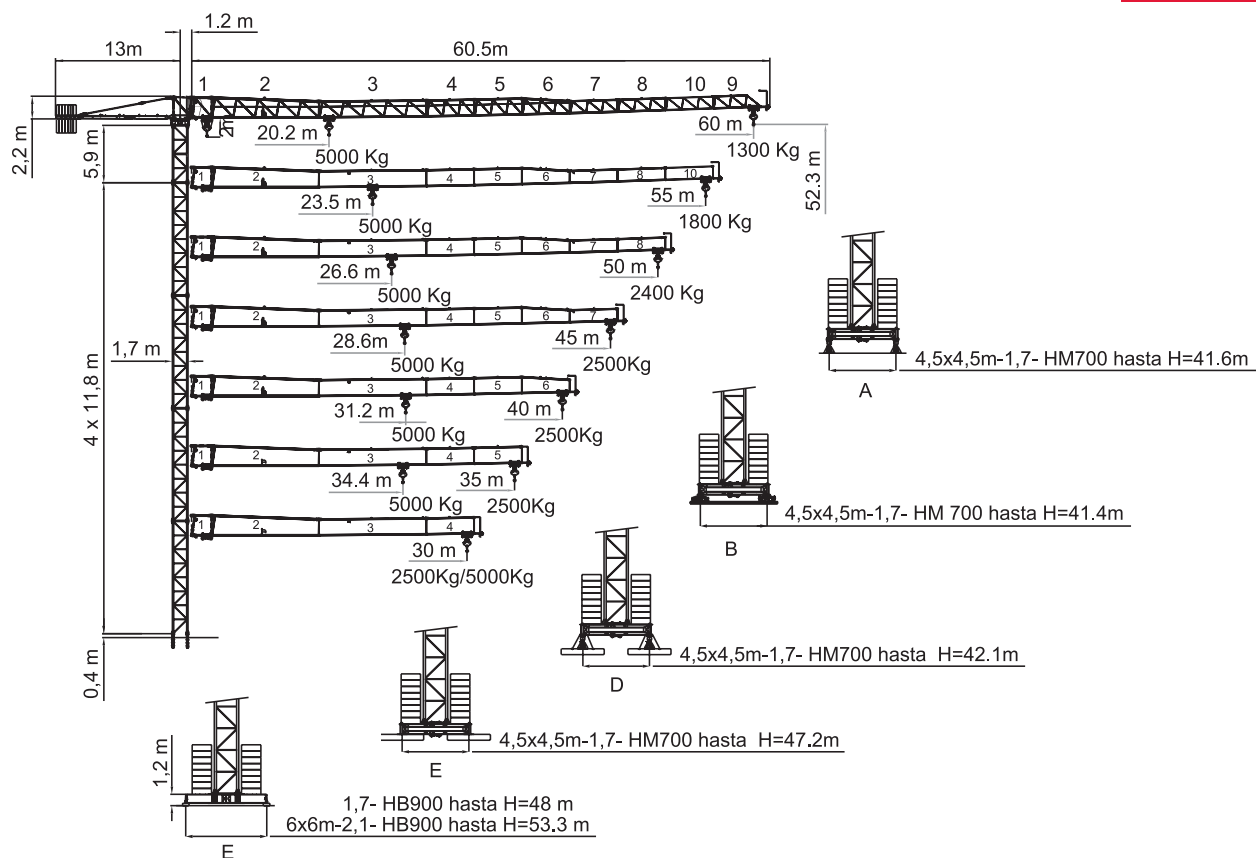


SAEZ

CRANES



15909 STL



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

Mecanismos
Mechanisms
 Antriebe
Mécanismes
 Meccanismi.

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		

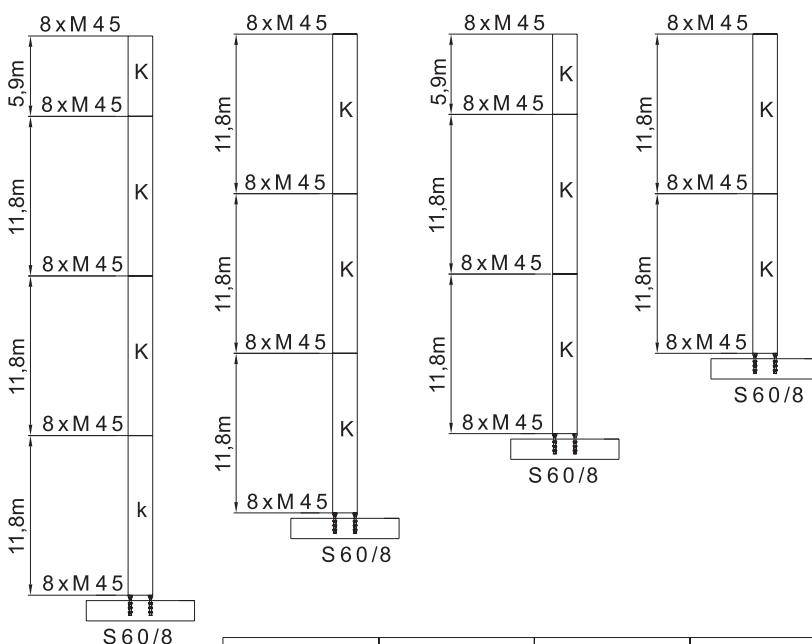
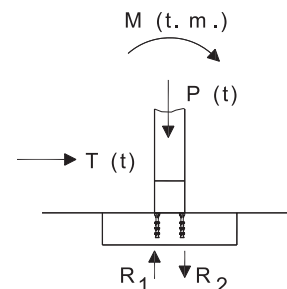
* 25Hp (19Kw) - INV. H.B.G.96 Mts S/R Ø10								
		m/min	0 → 9	0 → 37	0 → 80	0 → 4,5	0 → 18,5	0 → 40
		Kg	2500	2500	1500	5000	5000	3000
		Kw	19	19	19	19	19	19

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

- * 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 = 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

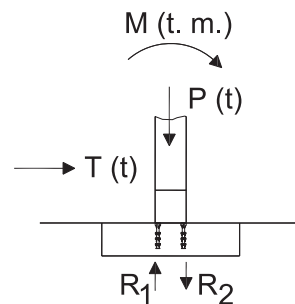
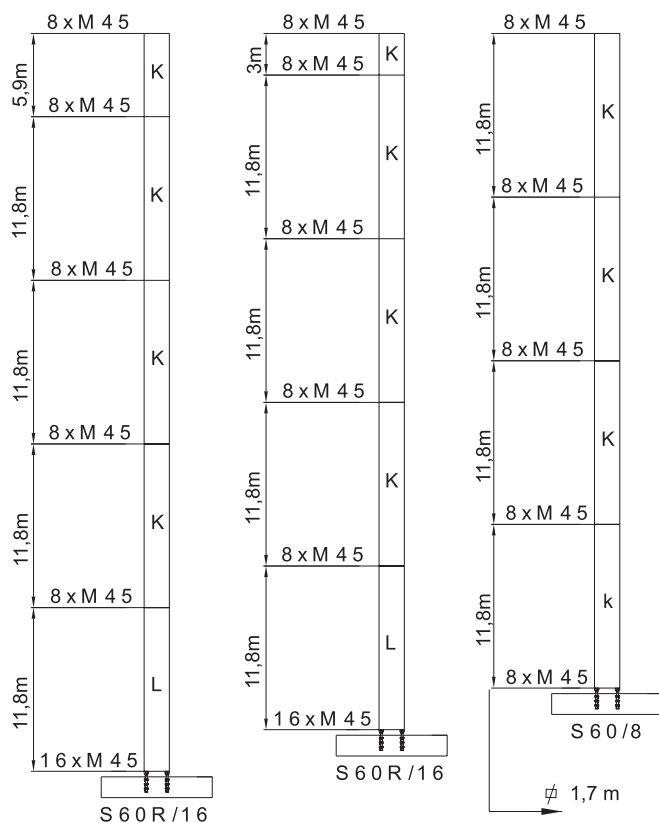
Mástil / Reacciones

Masts / Reactions

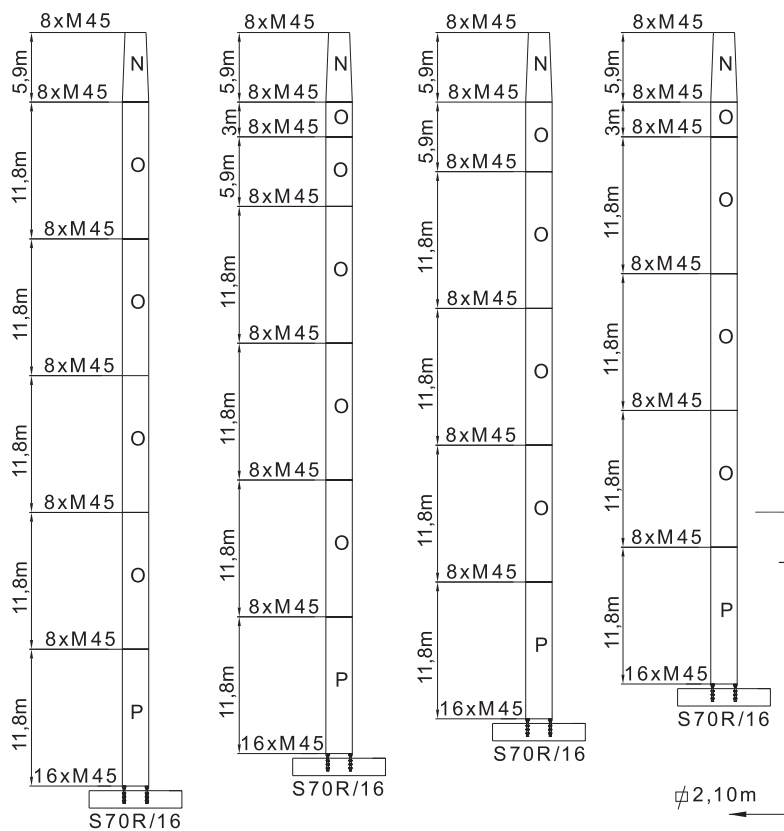
Maste / Eckdrücke

Mat / Réactions

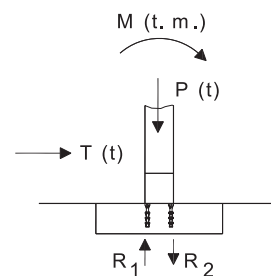
Torre / Reazioni



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

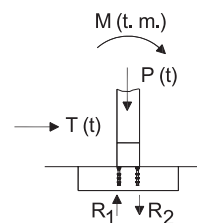


H (m)	64.1	60.7	58.2	55.2
M (T·m)	586.7	537.3	488.3	442.7
T (t)	13.4	12.8	12.3	11.8
P (t)	68.6	67.2	65.8	64.4
R ₁ (t)	200.7	183	165.2	148.8
R ₂ (t)	235	216.5	198	181.1



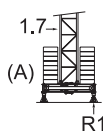
Windzone A-B / DIN 15019
Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni

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



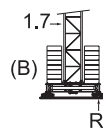
H (m)	94.4	90.2	84.2	78.2	72.2
M (T.m)	--	1267.6	1267.6	915.8	766.5
T (t)	--	22.9	22.9	18.6	13.5
P (t)	--	103.3	103.3	84.6	79.1
R1(t)	--	411.4	411.4	281	232.3
R2(t)	--	463.1	463.1	321.3	271.8

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



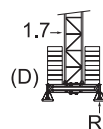
4,5 x 4,5 m-1,7- HM 700	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
	H (m)	18 m	31 m	23,9 m	26,9 m	29,8 m	32,8 m
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

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



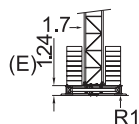
4,5 x 4,5 m-1,7- HM 700	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
	H (m)	17,8 m	20,8 m	23,7 m	26,7 m	29,6 m	32,6 m
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

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

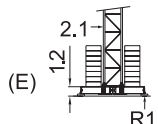


4,5 x 4,5 m-1,7- HM 700	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
	H (m)	18,5 m	21,5 m	24,4 m	27,4 m	30,3 m	33,3 m
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

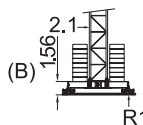
4,5 x 4,5 m-1,7- HM 700	R1 (t)	82,4 t	86,7 t	88,1 t
	H (m)	36,2 m	39,2 m	42,1 m
	Z (t)	91,2 t	102,6 t	102,6t



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

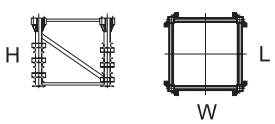
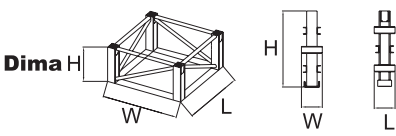
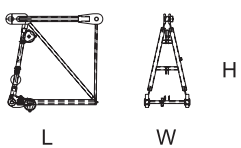
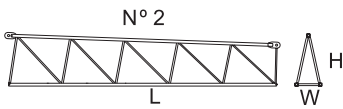
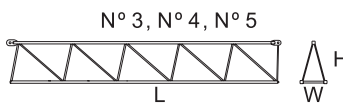
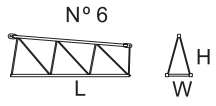
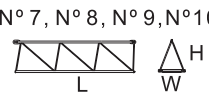
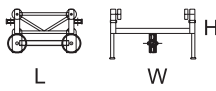
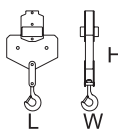
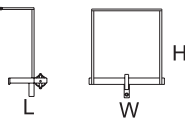
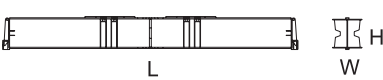
Base ballast block

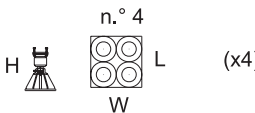
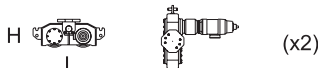
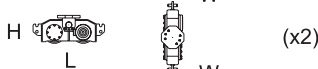
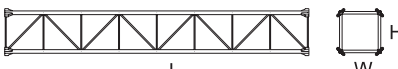
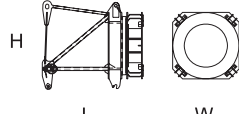
Grundballastblöcke

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 anegare.		S60/8 S60/R16 S70/8 S70R/16 S75R 8/20 S75R 16/22 S75R 16/26 S75R 24/26	1,85 1,85 2,27 2,27 0,35 0,5 0,5 0,5	1,85 1,85 2,27 2,27 0,35 0,5 0,5 0,5	1,6 1,6 1,6 1,6 1,60 2,5 2,5 2,5	956 1108 1122 1274 1200 2840 3160 3400	
Utilaje tramo empotre DIMA Tool fixing anchors Vorrichtung fundamentaker 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 N° 3, N° 4, N° 5 N° 6 N° 7, N° 8, N° 9, N° 10	2 3 4 5 6 7 8 9 10	11,60 11,60 5,30 5,30 5,30 5,30 5,30 5,15 5,30	1,13 1,13 1,13 1,13 1,13 1,13 1,13 1,13 1,13	2,25 1,80 1,80 1,80 1,80 1,45 1,45 1,40 1,45	2194 1720 620 530 470 376 326 248 326
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 0,80 0,80	1,35 0,15 1,20	0,80 1,50 1,40	290 330 108
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		1,20	1,20	0,90	250
		1,15	1,25	0,45	505
		1,15	0,25	0,45	450
Elemento de torre TL16 / Tower section TL16 / Turmstück TL16 / Element de mât TL16 / Elemento di torre TL16.		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		3.04	2,00	3.35	5700
Cabina y soporte / Cabin and support / Kabine und wartungs / Cabine et support / Cabina e supporto		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