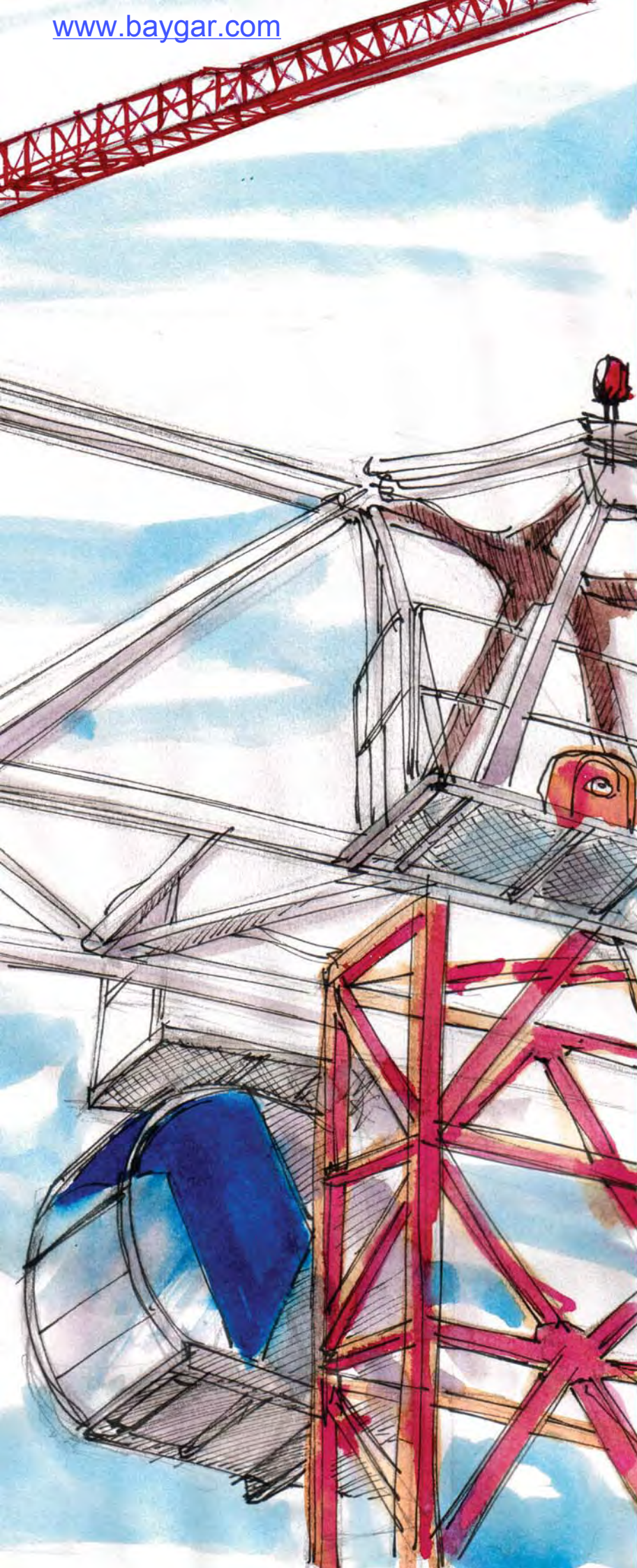
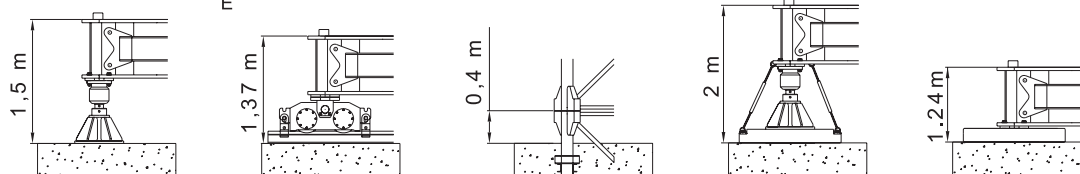
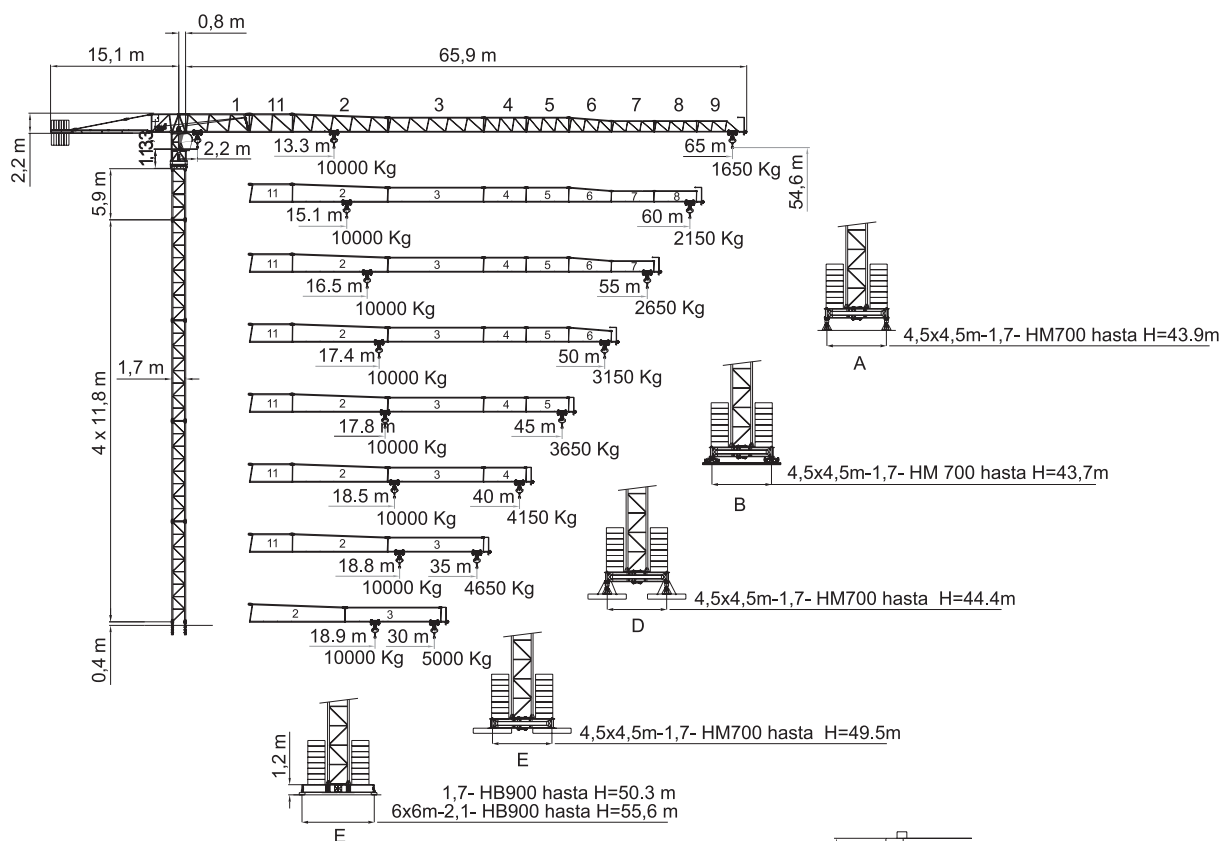


SAEZ

CRANES



TLS 6510 10T



	A												B		C		D		E(4,5 X 4,5)	
65 m	10	15	20	25	25.4	30	35	40	45	50	55	60	65	m						
	5000	5000	5000	5000	5000	4150	3540	3030	2630	2310	2050	1830	1650	Kg						
	10	13.3	15	20	25	30	35	40	45	50	55	60	65	m						
	10000	10000	8870	6350	4920	3980	3390	2880	2480	2160	1900	1680	1500	Kg						
60 m	10	15	20	25	28.9	30	35	40	45	50	55	60		m						
	5000	5000	5000	5000	5000	4810	4040	3510	3050	2690	2400	2150		Kg						
	10	15	15.1	20	25	30	35	40	45	50	55	60		m						
	10000	10000	10000	7350	5720	4640	3870	3310	2900	2540	2250	2000		Kg						
55 m	10	15	20	25	30	31.5	35	40	45	50	55			m						
	5000	5000	5000	5000	5000	5000	4460	3830	3360	2970	2650			Kg						
	10	15	16.5	20	25	30	35	40	45	50	55			m						
	10000	10000	10000	8090	6300	5120	4290	3670	3190	2810	2500			Kg						
50 m	10	15	20	25	30	33.2	35	40	45	50				m						
	5000	5000	5000	5000	5000	5000	4720	4080	3560	3150				Kg						
	10	15	17.4	20	25	30	35	40	45	50				m						
	10000	10000	10000	8580	6690	5440	4560	3930	3410	3000				Kg						
45 m	10	15	20	25	30	34	35	40	45					m						
	5000	5000	5000	5000	5000	5000	4840	4170	3650					Kg						
	10	15	17.8	20	25	30	35	40	45					m						
	10000	10000	10000	8800	6860	5590	4690	4030	3500					Kg						
40 m	10	15	20	25	30	33.8	35	40						m						
	5000	5000	5000	5000	5000	5000	4820	4150						Kg						
	10	15	18.5	20	25	30	35	40						m						
	10000	10000	10000	9170	7160	5830	4900	4200						Kg						
35 m	10	15	20	25	30	32.8	35							m						
	5000	5000	5000	5000	5000	5000	4650							Kg						
	10	15	18.8	20	25	30	35							m						
	10000	10000	10000	9350	7300	5970	5000							Kg						

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

Mecanismos Mechanisms Antriebe Mécanismes Meccanismi.

45 Hp (33Kw) - CC-5V
H.B.G 170Mts S/R Ø13

45 Hp (33Kw) - CC-5V H.B.G 170Mts S/R Ø13										
	 440 m	m/min	0 — 40	0 — 46	0 — 71	0 — 103	0 — 20	0 — 23	0 — 35	0 — 51
		Kg	5000	3500	2000	1250	10000	7000	4000	2500
		Kw	33	33	33	33	33	33	33	33

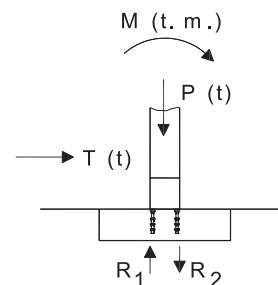
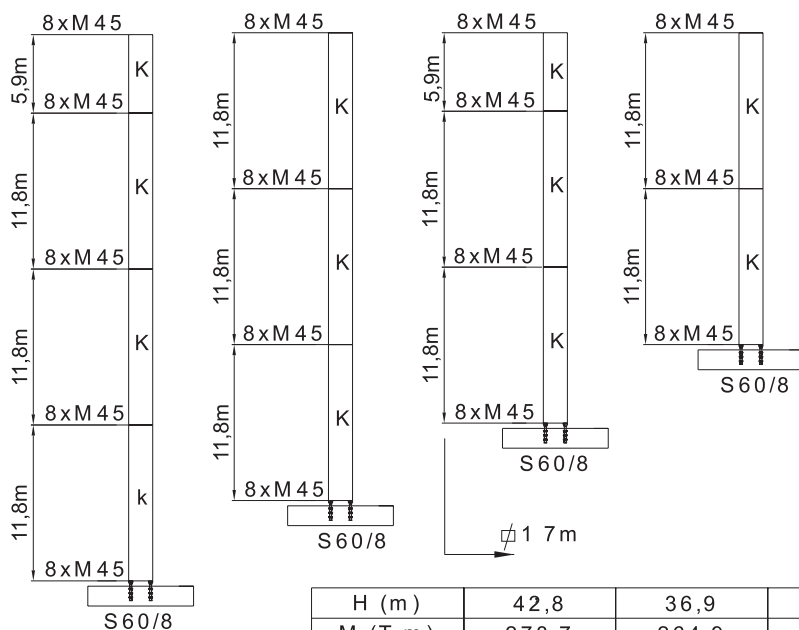
	m/min						
	Kw	11 / 37 / 75			11 / 37 / 75		
	r.p.m	0,3	0,6	0,9	0,3	0,6	0,9
	Nm	2 x 65			2 x 65		
	m/min	12 / 24			12 / 24		
	Kw	4 x 3			4 x 3		

-  Elevación / Hoisting / Heben / Levage / Sollevamento
-  Distribución / Trolleying / Katzfahren / Distribution / Diritubizione
-  Orientación / Slewing / Schwenken / Orientation / Rotazione
-  Traslacion / Travelling / Schienenfahren / Translation / Traslazione
-  Cable / Rope / Seil / Câble / Fune

	400 V 50 Hz	100m 4x35mm ²	GENERADOR 300 kVA	POTENCIA INSTALADA 60 KW
	380 V 60 Hz	100m 4x35mm ²	OPCIONAL	

Windzone A-B / DIN 15019

Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni

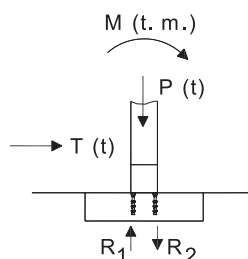


K = S 17 8/8
L = S 17 16/8
N = S 17-S 21 8/8
O = S 21 8/8
P = S 21 16/8

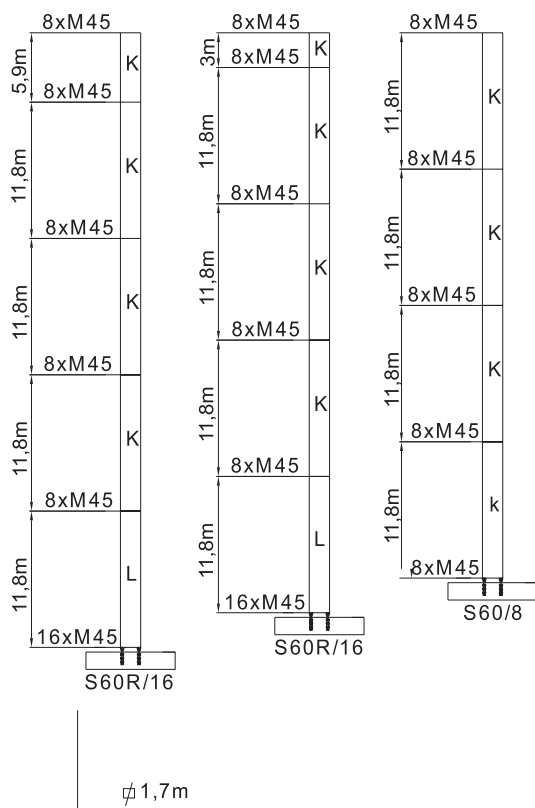
H (m)	42,8	36,9	31	25,1
M (T·m)	278,7	264,9	252,4	241,1
T (t)	8,8	7,9	7,0	6,1
P (t)	71,2	68,5	66,5	63,8
R ₁ (t)	113,6	107,8	102,4	97,8
R ₂ (t)	149,1	141,9	135,5	129,6

Windzone A-B / DIN 15019

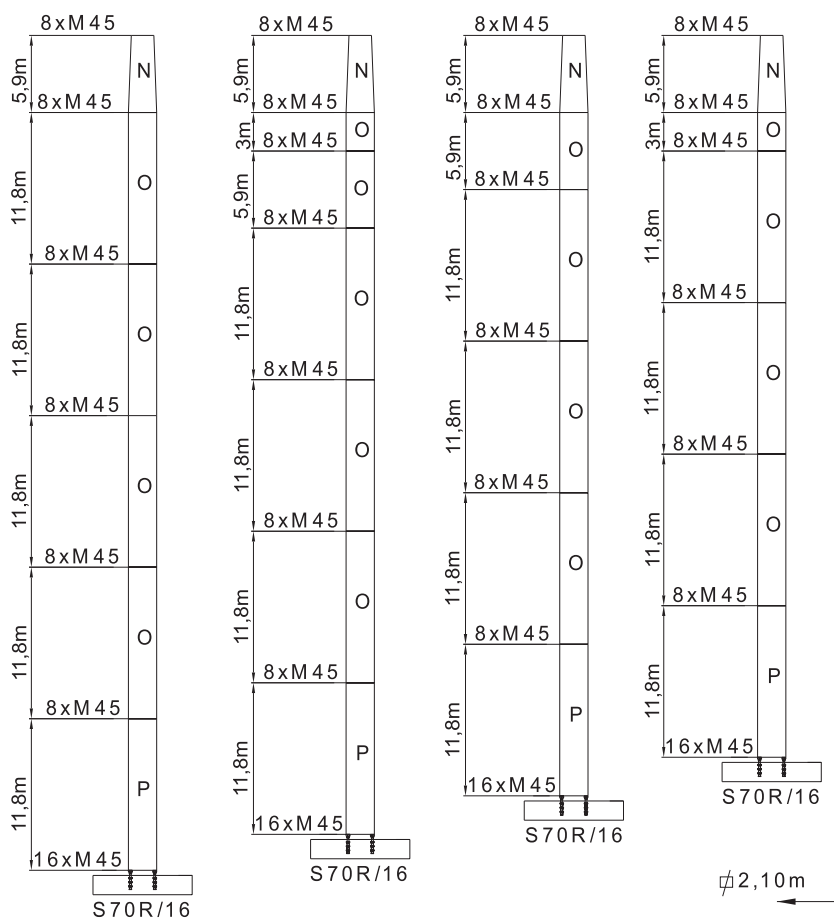
Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni



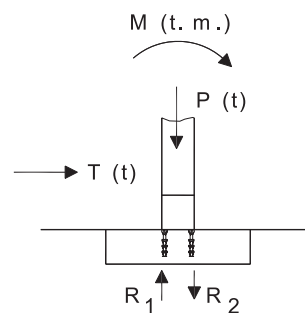
K = S17 8/8
L = S17 16/8
N = S17-S21 8/8
O = S21 8/8
P = S21 16/8



H (m)	54,6	51,7	48,7
M (T·m)	357,2	321,8	293,8
T (t)	10,6	10,1	9,7
P (t)	76,2	74,9	73,2
R ₁ (t)	151,4	135,0	120,3
R ₂ (t)	185,4	168,4	156,7



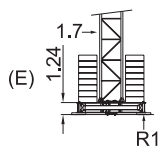
K = S17 8/8
L = S17 16/8
N = S21-S17 8/8
O = S21 8/8
P = S21 16/8



H (m)	66,4	63,5	60,5	57,6
M (T·m)	576,7	530,6	485,5	443,2
T (t)	13,3	12,7	12,2	11,8
P (t)	78,5	77,5	75,9	74,4
R ₁ (t)	192	175	159,1	144,1
R ₂ (t)	226,7	209,7	192,9	177,2

Windzone A-B / DIN 15019

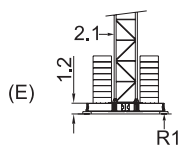
Bloque lastre de base , Base ballast block, Grundballastblock,
Bloc de lest de base, Blocco di zavorra alla base



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)	20 m	23 m	25,9 m	28,9 m	31,8 m	34,8 m
Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

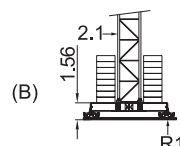
R1 (t)	82,4 t	86,7 t	88,1 t	94,4 t	95,3 t
H (m)	37,7 m	40,7 m	43,6 m	46,6 m	49,5 m
Z (t)	91,2 t	102,6 t	102,6 t	121,6 t	121,6 t



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)	26,2 m	32,1 m	38 m	41 m	44 m
Z (t)	53,2 t	53,2 t	53,2 t	53,2 t	57 t

R1 (t)	81,6 t	92,6 t	104,1 t	116,5 t
H (m)	47 m	50 m	53 m	56 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)	26,5 m	32,4 m	38,3 m	41,3 m	44,3 m
Z (t)	53,2 t	53,2 t	53,2 t	53,2 t	57 t

R1 (t)	81,6 t	92,6 t
H (m)	47,3 m	50,3 m
Z (t)	68,4 t	76 t

L(m) W(m) H(m) Peso(Kg)

Contrapluma /

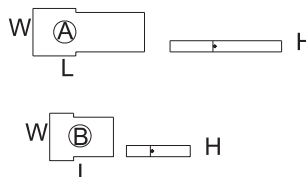
Counter-jib /
 Gegenausleger /
 Contre-fleche /
 Controbraccio



11,94 1,80 0,60 2575

Bloque de contrapeso /

Counterweight blocks /
 Gegengewichtsblöcke /
 Bloc de contrepoids /
 Blocco di contrappeso

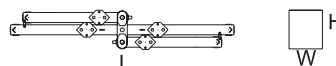


3,20 1,25 0,29 2500

1,83 1,25 0,29 1500

Base Cruciforme 4,5 X4,5 /

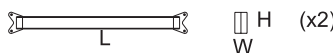
Crossbase 4,5 X 4,5 /
 Fundamentkreuz 4,5 X 4,5 /
 Châsis 4,5 X 4,5 /
 Carro base 4,5 X 4,5



6,70 1,10 1,20 5750

Vigas auxil. de base /

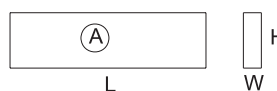
Half base beams /
 Halbträger für fundamentkreuz /
 Semipoutre de châsis de base /
 Travi di congiunzioni di congiunzione



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



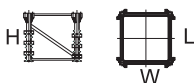
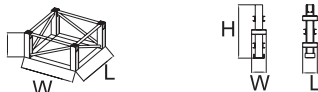
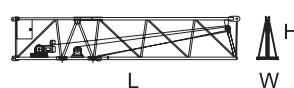
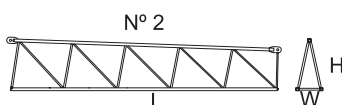
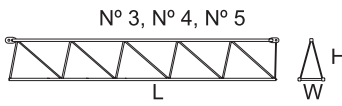
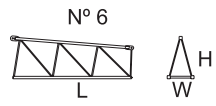
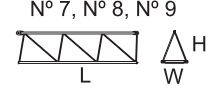
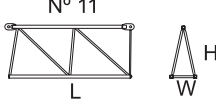
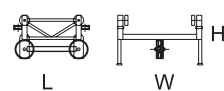
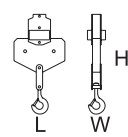
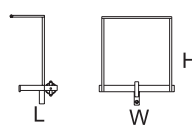
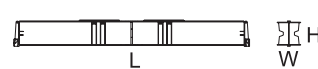
4,40 0,30 1,20 3800

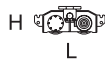
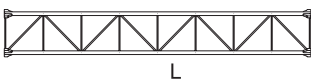
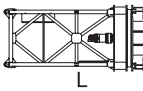
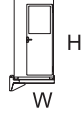
Bloque apoyo de base /

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/R16 S70/8 S70R/16	1,85 2,27 2,27	1,85 2,27 2,27	1,6 1,6 1,6	1108 1122 1274	
Utillaje tramo de empotre Tool fixing anchors Vorrichtung fundamentanker Outillage de L'emént de scellement Ferramenta trancheto fundazione			S75R 8 /20 S75R16/22 S75R16/26 S75R24/26 Dima	0.35 0.5 0.5 0.5 2.31	0.35 0.5 0.5 0.5 2.34	1.6 2.5 2.5 2.5 0.8	1200 2840 3160 3400 1650	
Pluma tramo primero / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio				11,90	1,25	2,30	5800	
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° 11	2 3 4 5 6 7 8 9 11	11,60 11,60 5,30 5,30 5,30 5,30 5,30 5,15 5,15	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 1,45 1,45 1,40 2,25	2194 1720 620 530 470 376 326 248 1280
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	 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	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				
	 H				
		4,40	2,00	2,00	6600
Cabina y soporte / Cabin and support / Kabine und wartungs / Cabine et support / Cabina e supporto	 L				
	 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.

DECLINAMOS TODA RESPONSABILIDAD DERIVADA DE LA INFORMACION PROPORCIONADA.

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.



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

