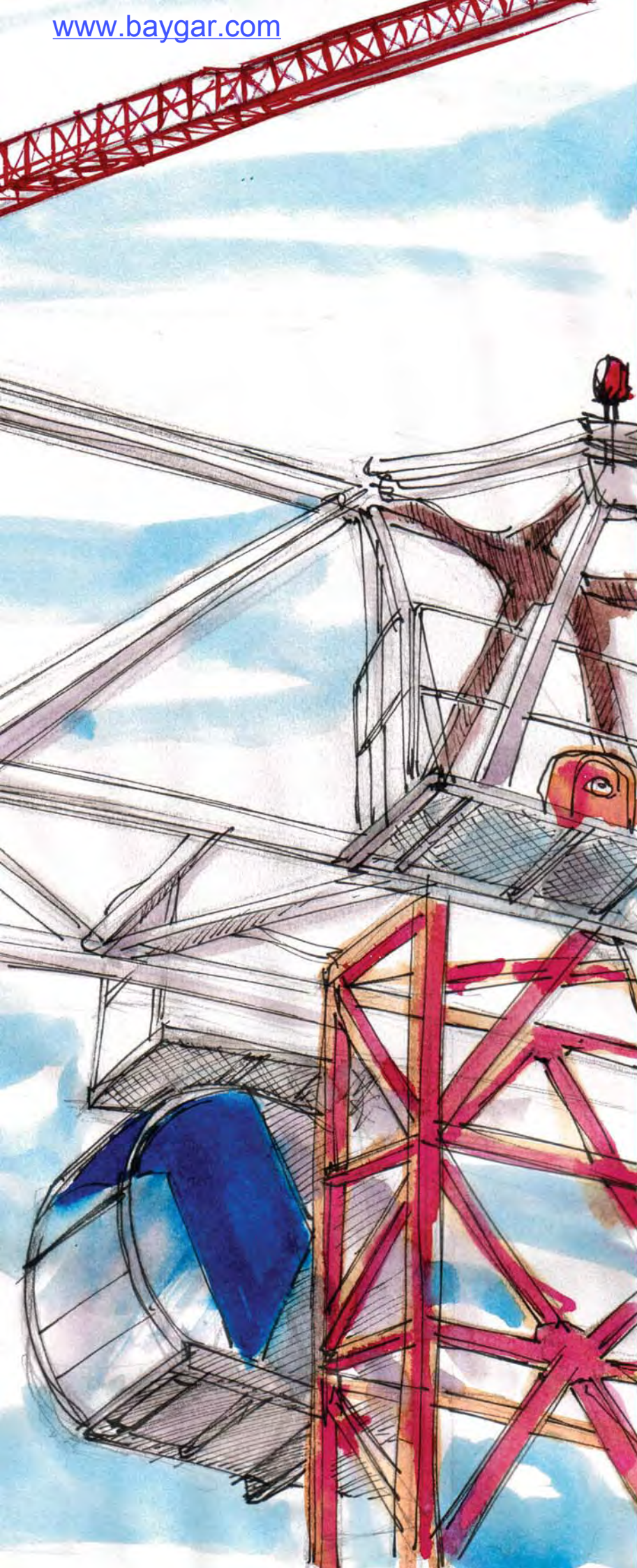
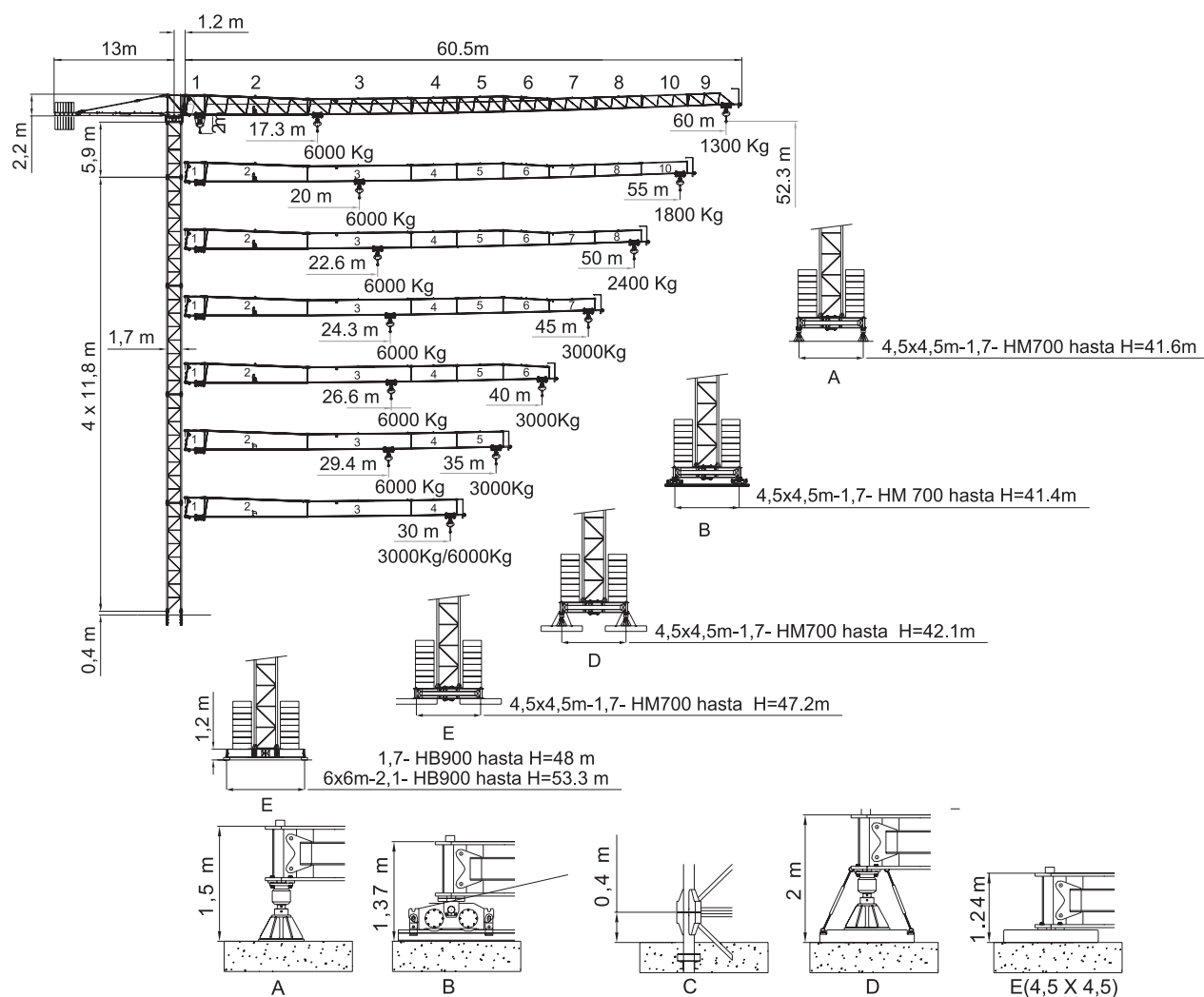


SAEZ

CRANES



TLS 606 'T'



60 m	10	15	20	25	30	31.8	35	40	45	50	55	60	m	
	3000	3000	3000	3000	3000	3000	2670	2255	1934	1679	1472	1300	Kg	
	10	15	17.3	20	25	30	35	40	45	50	55	60	m	
	6000	6000	6000	5067	3857	3067	2511	2098	1780	1527	1321	1150	Kg	
55 m	10	15	20	25	30	35	36.8	40	45	50	55		m	
	3000	3000	3000	3000	3000	3000	3000	2709	2337	2041	1800		Kg	
	10	15	20	25	30	35	40	45	50	55			m	
	6000	6000	6000	4600	3682	3035	2555	2184	1889	1650			Kg	
50 m	10	15	20	25	30	35	40	41.7	45	50			m	
	3000	3000	3000	3000	3000	3000	3000	3000	2737	2400			Kg	
	10	15	20	22.6	25	30	35	40	45	50			m	
	6000	6000	6000	6000	5339	4292	3555	3007	2585	2250			Kg	
45 m	10	15	20	25	30	35	40	45					m	
	3000	3000	3000	3000	3000	3000	3000	3000					Kg	
	10	15	20	24.3	25	30	35	40	45				m	
	6000	6000	6000	6000	5825	4694	3897	3306	2850				Kg	
40 m	10	15	20	25	30	35	40						m	
	3000	3000	3000	3000	3000	3000	3000						Kg	
	10	15	20	25	26.6	30	35	40					m	
	6000	6000	6000	6000	6000	5224	4349	3700					Kg	
35 m	10	15	20	25	30	35							m	
	3000	3000	3000	3000	3000	3000							Kg	
	10	15	20	25	29.4	30	35						m	
	6000	6000	6000	6000	6000	5870	4900						Kg	
30 m	10	15	20	25	30								m	
	3000	3000	3000	3000	3000								Kg	
	10	15	20	25	30								m	
	6000	6000	6000	6000	6000								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.

		33 Hp (24Kw) - 3vel. H.B.G. 88 Mts S/RØ12								
▲ ▼	270m	m/min	7,4	37	74	3,7	18,5	37		
		Kg	3000	3000	1500	6000	6000	3000		
		Kw	24	24	24	24	24	24		
◀ ▶		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				

		* 33 Hp (24Kw) - INV. H.B.G. 88 Mts S/RØ12								
▲ ▼	270m	m/min	0 → 9	0 → 37	0 → 80	0 → 4,5	0 → 18,5	0 → 40		
		Kg	3000	3000	1500	6000	6000	3000		
		Kw	24	24	24	24	24	24		

⚡	400 V	100m	GENERADOR	POTENCIA
	50 Hz	4x25mm ²	150 kVA	INSTALADA
				46 KW

⚡	380 V	100m	OPCIONAL	
	60 Hz	4x25mm ²		

* Opcional / Optional / Opzionale /

⬆ Elevación / Hoisting / Heben / Leverage / Sollevamento

◀ ▶ Distribución / Trolleying / Katzfahren / Distribution / Distribuzione

⊙ Orientación / Slewing / Schwenken / Orientation / Rotazione

⊞ Traslacion / Travelling / Schienenfahren / Translation / Traslazione

⚡ Cable / Rope / Seil / Câble / Fune

Windzone A-B / DIN 15019

Mástil / Reacciones

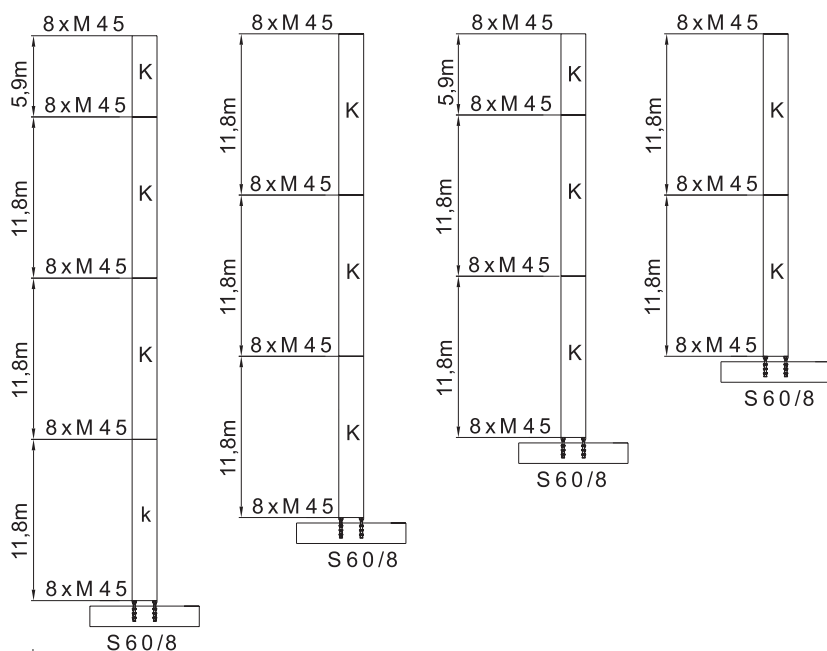
Masts / Reactions

Maste / Eckdrücke

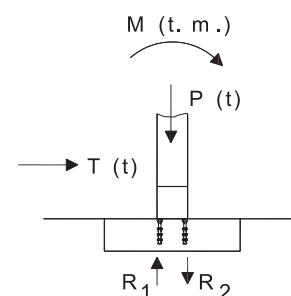
Mat / Réactions

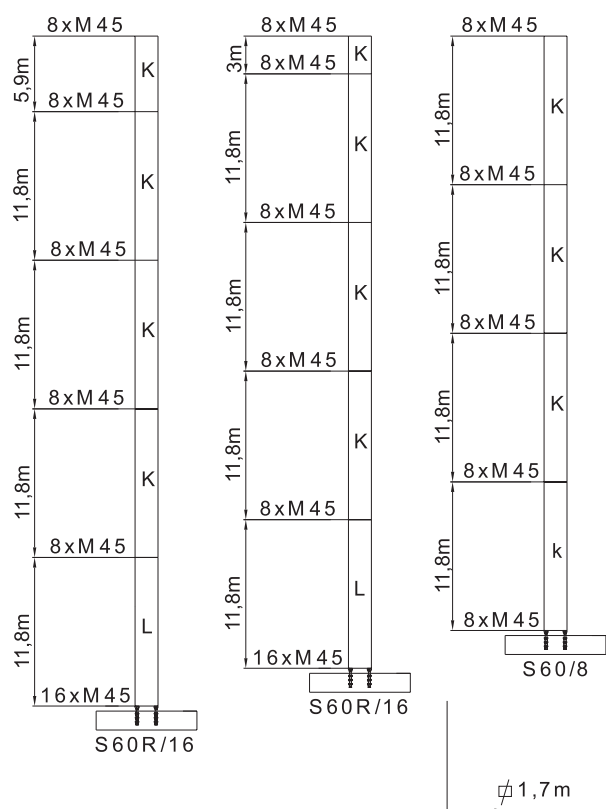
Torre / Reazioni

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)	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





Windzone A-B / DIN 15019

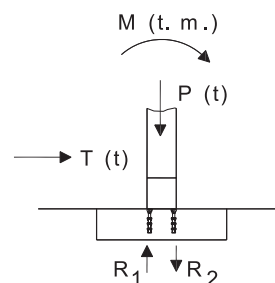
Mástil / Reacciones

Masts / Reactions

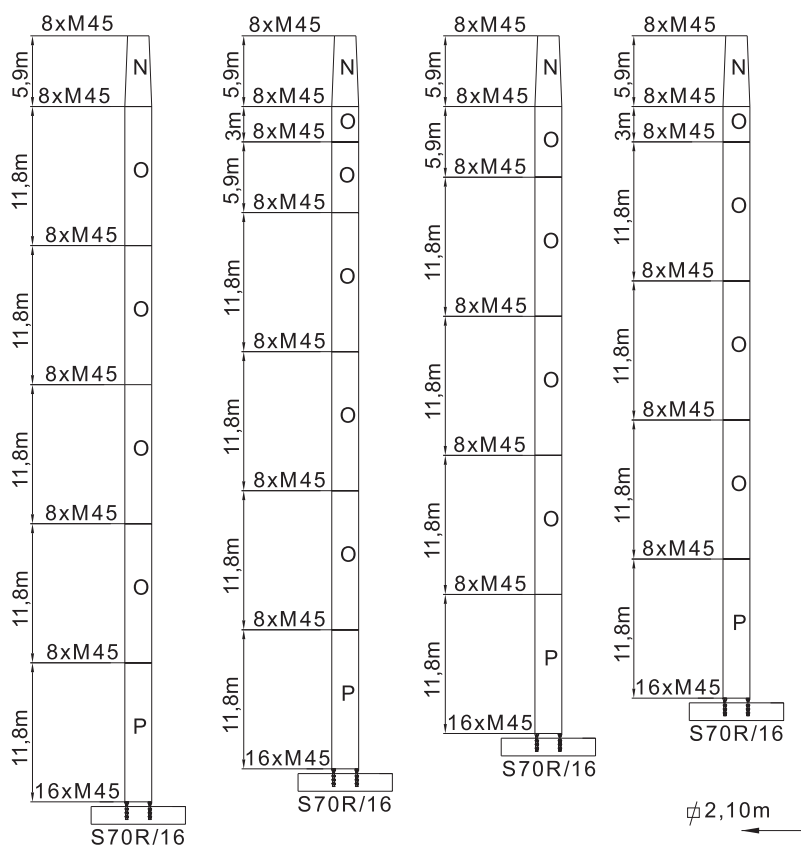
Maste / Eckdrücke

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



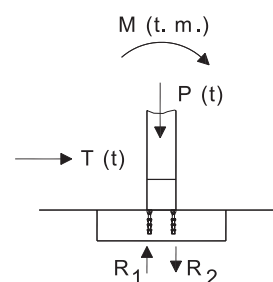
K = S17 8/8

$$L = S17 \ 16/8$$

N = S21-S17 8/8

O = S21 8/8

P = S21 16/8

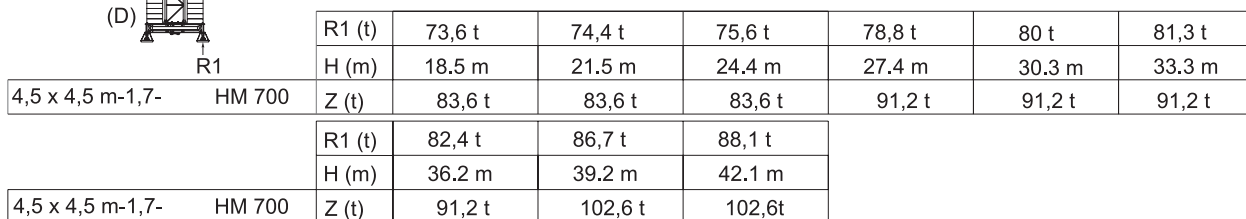


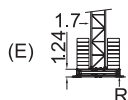
H (m)	64.1	60.7	58.2	55.2
M (T·m)	586.7	537.3	488.3	442.7
T (t)	13.4	12.8	12.3	11.8
P (t)	68.6	67.2	65.8	64.4
R ₁ (t)	200.7	183	165.2	148.8
R ₂ (t)	235	216.5	198	181.1



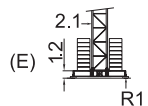
A diagram of a mechanical system. A vertical rod is shown with a horizontal force $T(t)$ applied to its left side. At the top of the rod, a moment $M(t, m)$ is applied, represented by a curved arrow. A downward force $P(t)$ is applied to the top of the rod. The rod is supported by a base, which is represented by a horizontal line. At the base, there are two reaction forces: R_1 acting upwards and R_2 acting downwards.

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

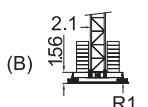




4,5 x 4,5 m-1,7- HM 700	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
	H (m)	17,7 m	20,7 m	23,6 m	26,6 m	29,5 m	32,5 m
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t
4,5 x 4,5 m-1,7- HM 700	R1 (t)	82,4 t	86,7 t	88,1 t	94,4 t	95,3 t	
	H (m)	35,4 m	38,4 m	41,3 m	44,3 m	47,2 m	
	Z (t)	91,2 t	102,6 t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

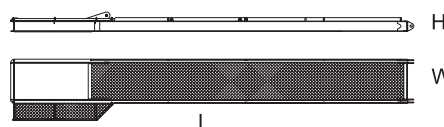


6 x 6 m-2,1/1,7- HB 900	R1 (t)	46,5 t	49,1 t	53,8 t	62,5 t	71,9 t	
	H (m)	23,9 m	29,8 m	35,7 m	38,7 m	41,7 m	
	Z (t)	53,2 t	53,2 t	53,2 t	53,2 t	57 t	
6 x 6 m-2,1/1,7- HB 900	R1 (t)	81,6 t	92,6 t	104,1 t	116,5 t		
	H (m)	44,7 m	47,7 m	50,7 m	53,7 m		
	Z (t)	68,4 t	76 t	87,4 t	95 t		



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				

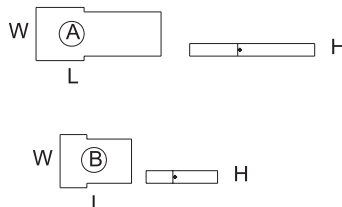
Contrapluma /
Counter-jib /
Gegenausleger / Contre-fleche /
Controbraccio



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

11,94 1,80 0,60 2575

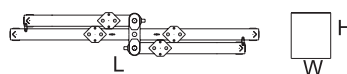
Bloque de contrapeso /
Counterweight blocks /
Gegengewichtsblöcke /
Bloc de contrepoids /
Blocco di contrappeso



3,20 1,25 0,29 2500

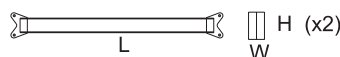
1,83 1,25 0,29 1500

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



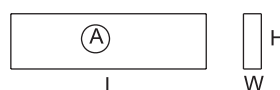
6,70 1,10 1,20 5750

Vigas auxil. de base /
Half base beams /
Halbträger für fundamentkreuz /
Semipoutre de châsis de base /
Travi di 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

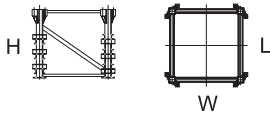
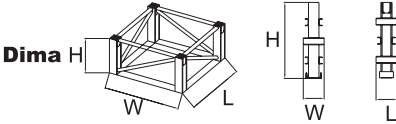
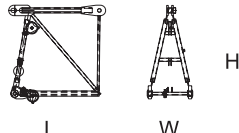
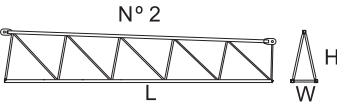
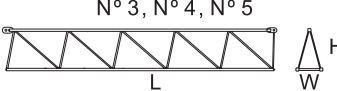
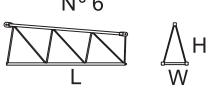
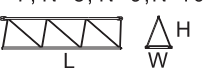
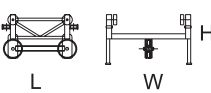
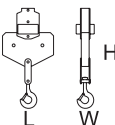
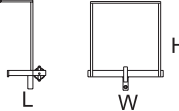


4,40 0,30 1,20 3800

Bloque apoyo de base /
Base support block /
Grundballastblöcke /
Bloc de appui de base
Blocco di appoggio alla base

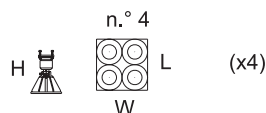


3,75 0,5 1,2 5400

		L(m)	W(m)	H(m)	Peso(Kg)		
Elemento de empotre / Foundation anchor / Fundamentanker / Élément de scellement / El anegare.		S60/8	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	
Utillaje tramo empotre DIMA Tool fixing anchors Vorrichtung fundamentanker Outillage de l'ement de scellement Ferramenta tronchetto 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 / Spezzzone di braccio		N° 2					
			2	11,60	1,13	2,25	2194
		N° 3, N° 4, N° 5	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
		N° 6	7	5,30	1,13	1,45	376
			8	5,30	1,13	1,45	326
			9	5,15	1,13	1,40	248
		N° 7, N° 8, N° 9, N° 10	10	5,30	1,13	1,45	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	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	

Niveladores /

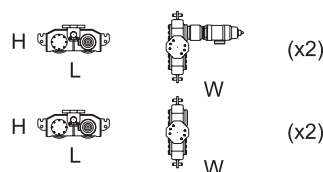
Levellers /
Spindel pyramide /
Niveleurs /
Piedi regolabile



1,20 1,20 0,90 250

Traslacion /

Travelling bogies /
Kranfahren /
Traslation /
Traslazione

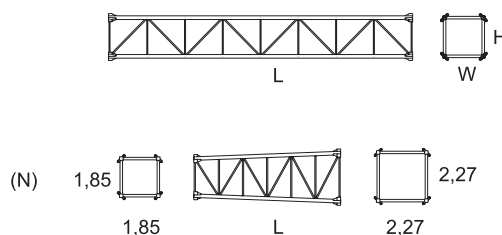


1,15 1,25 0,45 505

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 2,27 2,27 3500

X 6 2,27 2,29 4000

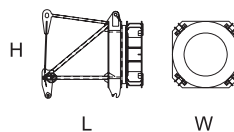
T 6 2,27 2,29 4300

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

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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