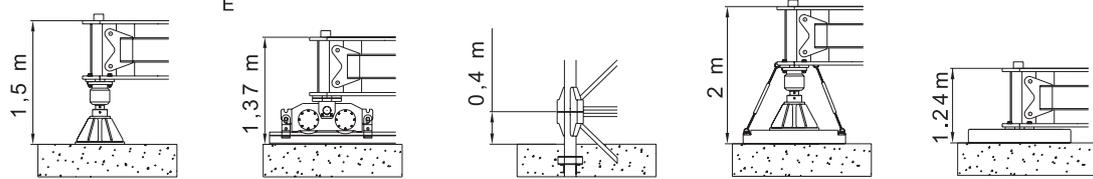
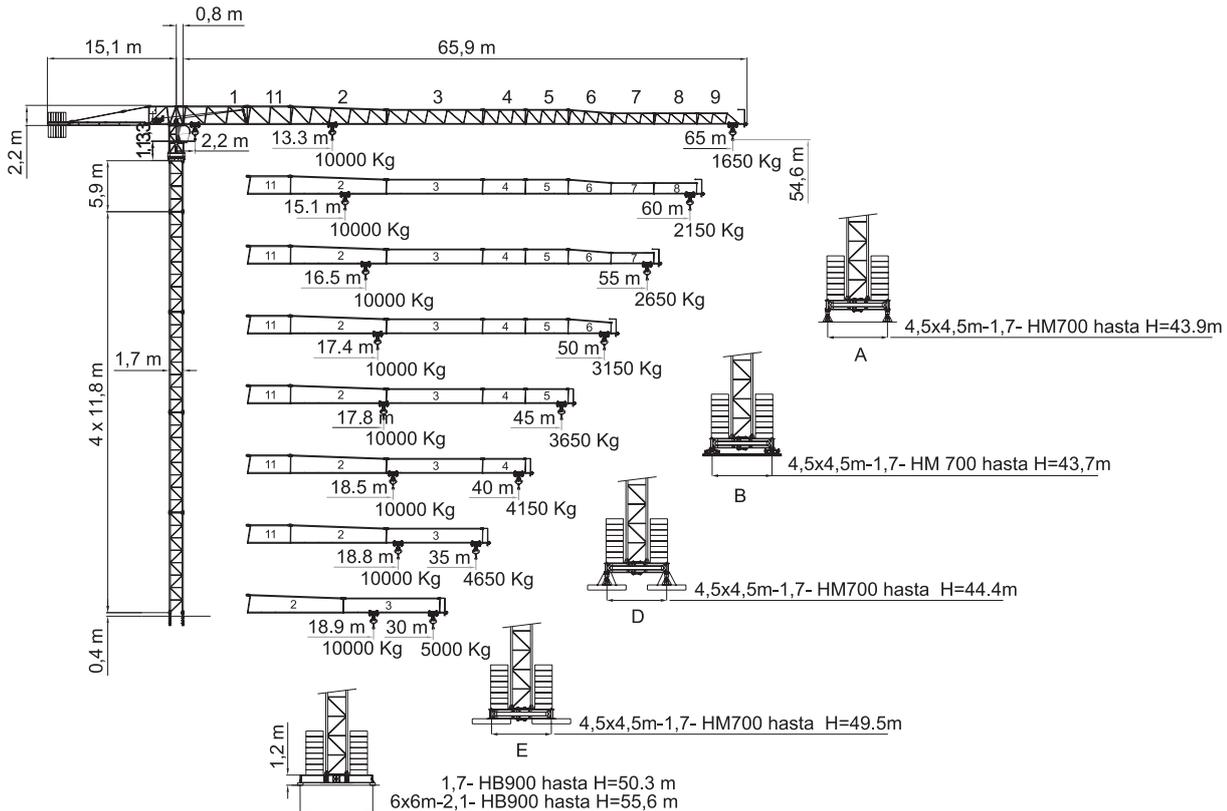


SAEZ

CRANES

TLS 6510 10T



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

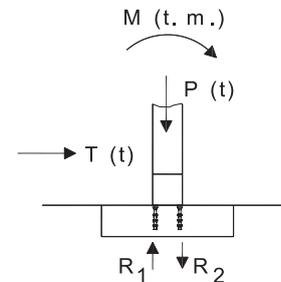
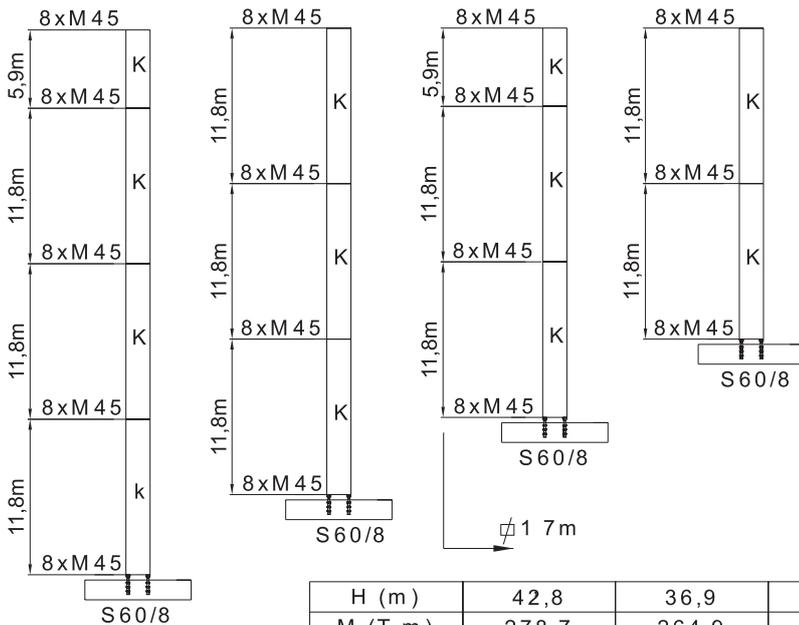
		m/min	0 — 40	0 — 46	0 — 71	0 — 103	0 — 20	0 — 23	0 — 35	0 — 51
		Kg	5000	3500	2000	1250	10000	7000	4000	2500
		Kw	33	33	33	33	33	33	33	33

	m/min	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		

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

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

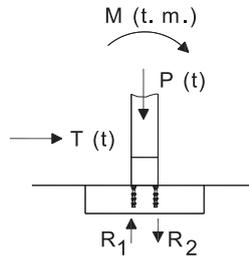
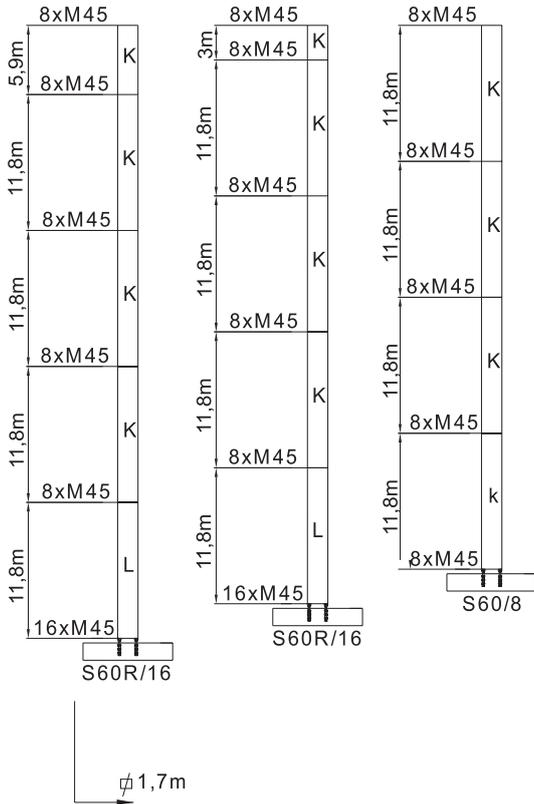
Windzone A-B / DIN 15019
Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni



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

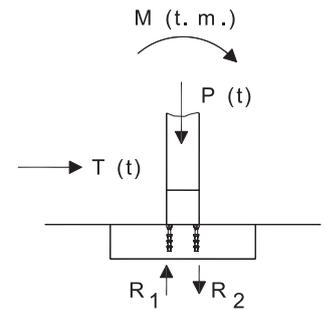
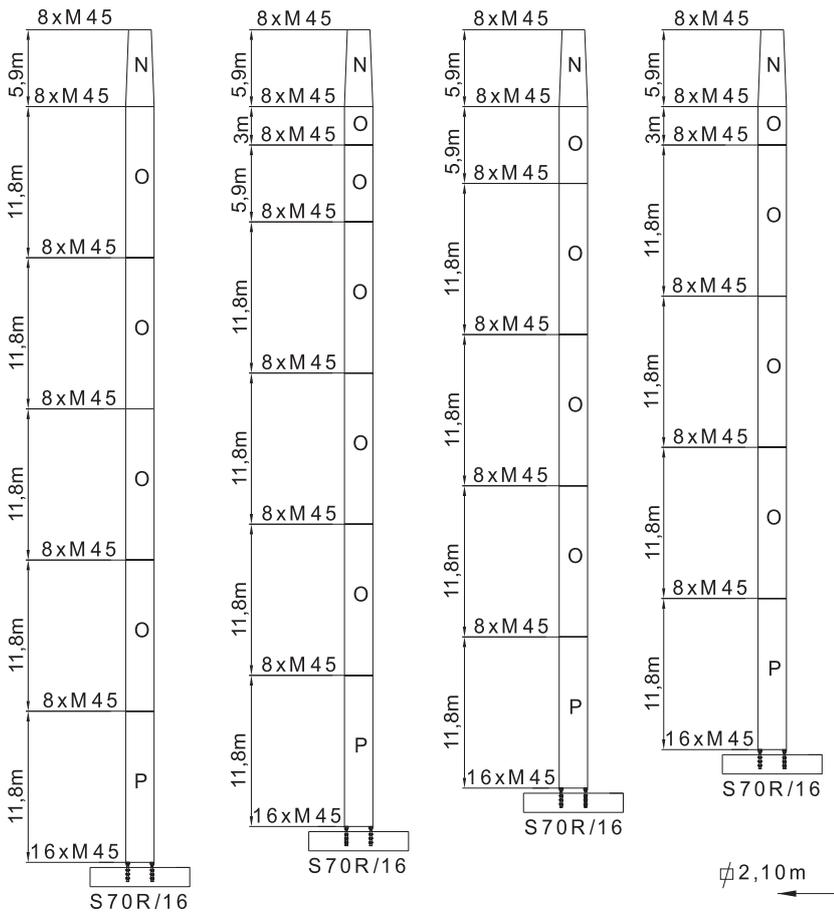
H (m)	42,8	36,9	31	25,1
M (T·m)	278,7	264,9	252,4	241,1
T (t)	8,8	7,9	7,0	6,1
P (t)	71,2	68,5	66,5	63,8
R ₁ (t)	113,6	107,8	102,4	97,8
R ₂ (t)	149,1	141,9	135,5	129,6

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



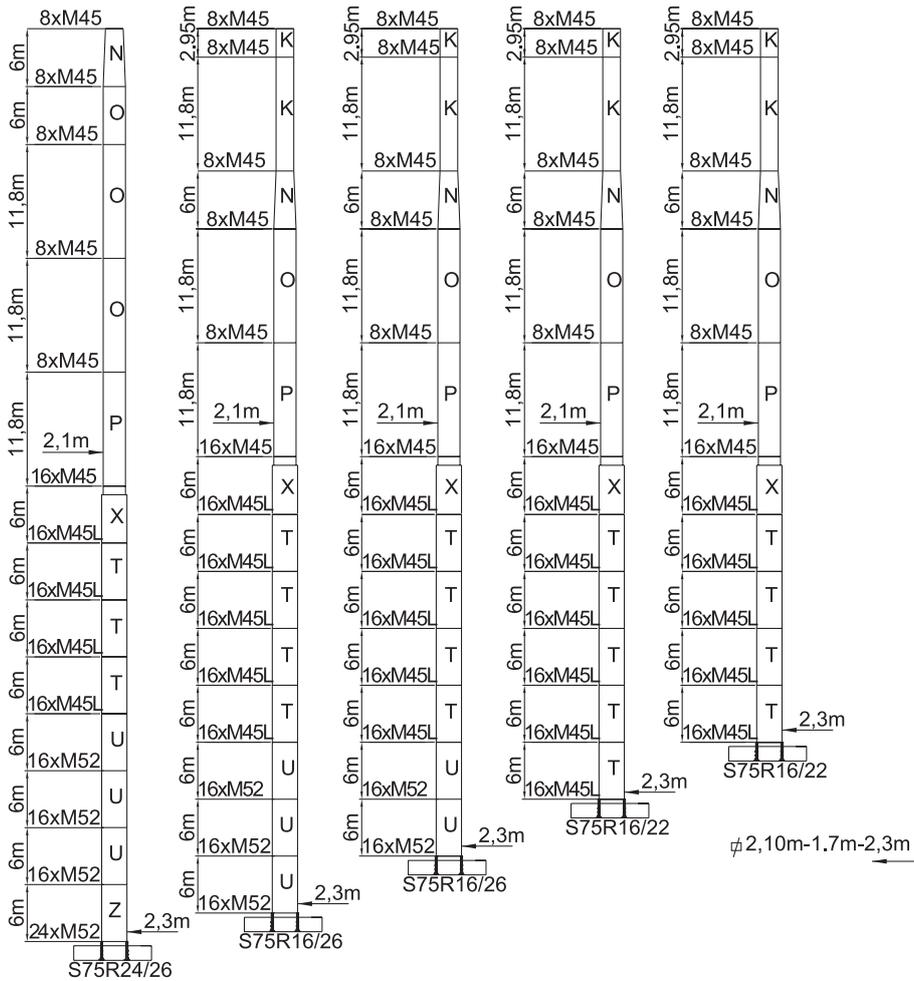
K = S17 8/8
 L = S17 16/8
 N = S17-S21 8/8
 O = S21 8/8
 P = S21 16/8

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

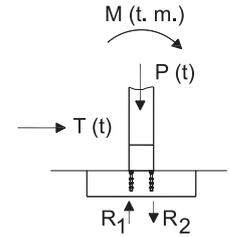
H (m)	66,4	63,5	60,5	57,6
M (T·m)	576,7	530,6	485,5	443,2
T (t)	13,3	12,7	12,2	11,8
P (t)	78,5	77,5	75,9	74,4
R ₁ (t)	192	175	159,1	144,1
R ₂ (t)	226,7	209,7	192,9	177,2



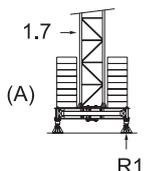
	N	K	O	P	X
H (m)	96.7	92.5	86.5	80.5	74.5
M (T·m)	--	1267.6	1267.6	915.8	766.5
T (t)	--	22.9	22.9	18.6	13.5
P (t)	--	103.3	103.3	84.6	79.1
R ₁ (t)	--	411.4	411.4	281	232.3
R ₂ (t)	--	463.1	463.1	321.3	271.8

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



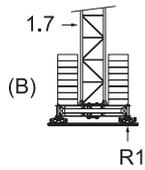
Windzone A-B / DIN 15019
 Bloque lastre de base
 Base ballast block
 Grundballastblöcke
 Bloc de lest de base
 Blocco di zavorra alla base



4,5 x 4,5 m-1,7- HM 700

R ₁ (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
H (m)	20,3 m	23,3 m	26,2 m	29,2 m	32,1 m	35,1 m
Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

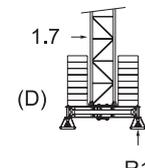
R ₁ (t)	82,4 t	86,7 t	88,1 t
H (m)	38 m	41 m	43,9 m
Z (t)	91,2 t	102,6 t	102,6t



4,5 x 4,5 m-1,7- HM 700

R ₁ (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
H (m)	20,1 m	23,1 m	26 m	29 m	31,9 m	34,9 m
Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

R ₁ (t)	82,4 t	86,7 t	88,1 t
H (m)	37,8 m	40,8 m	43,7 m
Z (t)	91,2 t	102,6 t	102,6t



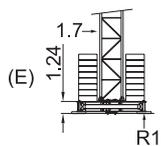
4,5 x 4,5 m-1,7- HM 700

R ₁ (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t
H (m)	20,8 m	23,8 m	26,7 m	29,7 m	32,6 m	35,6 m
Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t

R ₁ (t)	82,4 t	86,7 t	88,1 t
H (m)	38,5 m	41,5 m	44,4 m
Z (t)	91,2 t	102,6 t	102,6t

Windzone A-B / DIN 15019

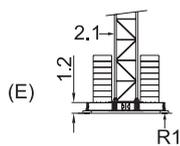
Bloque lastre de base , **Base ballast block**, Grundballastblöck,
Bloc de lest de base, Blocco di zavorra alla base



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

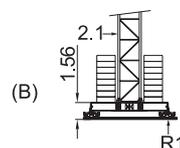
R1 (t)	82,4 t	86,7 t	88,1 t	94,4 t	95,3 t
H (m)	37,7 m	40,7 m	43,6 m	46,6 m	49,5 m
Z (t)	91,2 t	102,6 t	102,6 t	121,6 t	121,6 t



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 /

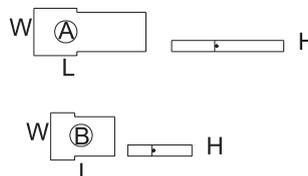
Counter-jib /
 Gegenausleger /
 Contre-fleche /
 Controbraccio



11,94 1,80 0,60 2575

Bloque de contrapeso /

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

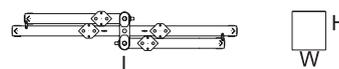


3,20 1,25 0,29 2500

1,83 1,25 0,29 1500

Base Cruciforme 4,5 X4,5 /

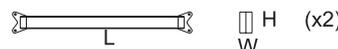
Crossbase 4,5 X 4,5 /
 Fundamentkreuz 4,5 X 4,5 /
 Châsis 4,5 X 4,5 /
 Carro base 4,5 X 4,5



6,70 1,10 1,20 5750

Vigas auxil. de base /

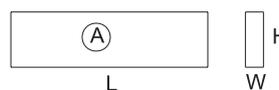
Half base beams /
 Halbträger für fundamentkreuz /
 Semipoutre de châsis de base /
 Travi di congiunzioni di congiunzione



4,40 0,30 0,55 220

Bloque lastre de base /

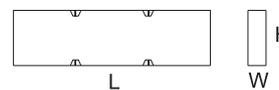
Base ballast block /
 Grundballastblöcke /
 Bloc de lest de base
 Blocco di zavorra alla base



4,40 0,30 1,20 3800

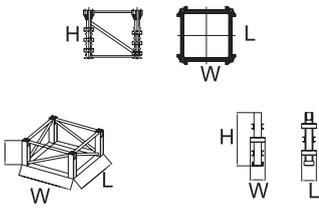
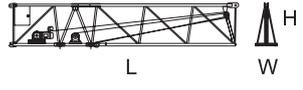
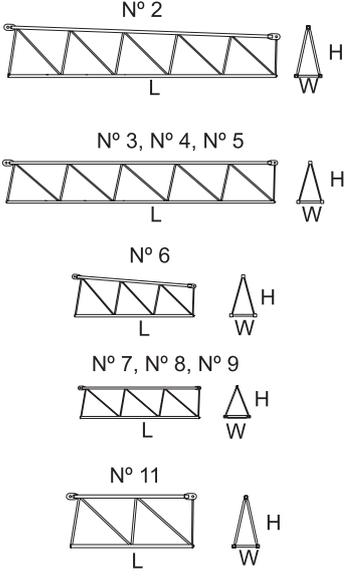
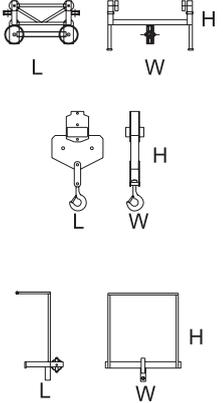
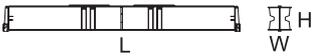
Bloque apoyo de base /

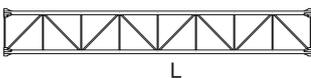
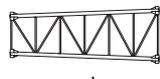
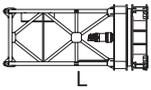
Base support block /
 Grundballastblöcke /
 Bloc de appui de base
 Blocco di appoggio alla base



3,75 0,5 1,2 5400

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

<p>Elemento de empotre / Foundation anchor / Fundamentanker / Élément de scellement El annegare</p> <p>Utillaje tramo de empotre Tool fixing anchors Vorrichtung fundamentanker Outillage de L'ement de scellement Ferramenta troncheto fondazione</p>		<table border="1"> <tbody> <tr><td>S60/R16</td><td>1,85</td><td>1,85</td><td>1,6</td><td>1108</td></tr> <tr><td>S70/8</td><td>2,27</td><td>2,27</td><td>1,6</td><td>1122</td></tr> <tr><td>S70R/16</td><td>2,27</td><td>2,27</td><td>1,6</td><td>1274</td></tr> <tr><td>S75R 8 /20</td><td>0,35</td><td>0,35</td><td>1,6</td><td>1200</td></tr> <tr><td>S75R16/22</td><td>0,5</td><td>0,5</td><td>2,5</td><td>2840</td></tr> <tr><td>S75R16/26</td><td>0,5</td><td>0,5</td><td>2,5</td><td>3160</td></tr> <tr><td>S75R24/26</td><td>0,5</td><td>0,5</td><td>2,5</td><td>3400</td></tr> <tr><td>Dima</td><td>2,31</td><td>2,34</td><td>0,8</td><td>1650</td></tr> </tbody> </table>	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	1,6	1200	S75R16/22	0,5	0,5	2,5	2840	S75R16/26	0,5	0,5	2,5	3160	S75R24/26	0,5	0,5	2,5	3400	Dima	2,31	2,34	0,8	1650																								
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	1,6	1200																																																														
S75R16/22	0,5	0,5	2,5	2840																																																														
S75R16/26	0,5	0,5	2,5	3160																																																														
S75R24/26	0,5	0,5	2,5	3400																																																														
Dima	2,31	2,34	0,8	1650																																																														
<p>Pluma tramo primero / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio</p>		<table border="1"> <tbody> <tr><td></td><td>11,90</td><td>1,25</td><td>2,30</td><td>5800</td></tr> </tbody> </table>		11,90	1,25	2,30	5800																																																											
	11,90	1,25	2,30	5800																																																														
<p>Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück Élément interm. de fleche / Spezzone di braccio</p>		<table border="1"> <tbody> <tr><td>N° 2</td><td></td><td></td><td></td><td></td></tr> <tr><td>N° 3, N° 4, N° 5</td><td>2</td><td>11,60</td><td>1,13</td><td>2,25</td><td>2194</td></tr> <tr><td></td><td>3</td><td>11,60</td><td>1,13</td><td>1,80</td><td>1720</td></tr> <tr><td></td><td>4</td><td>5,30</td><td>1,13</td><td>1,80</td><td>620</td></tr> <tr><td></td><td>5</td><td>5,30</td><td>1,13</td><td>1,80</td><td>530</td></tr> <tr><td>N° 6</td><td>6</td><td>5,30</td><td>1,13</td><td>1,80</td><td>470</td></tr> <tr><td></td><td>7</td><td>5,30</td><td>1,13</td><td>1,45</td><td>376</td></tr> <tr><td>N° 7, N° 8, N° 9</td><td>8</td><td>5,30</td><td>1,13</td><td>1,45</td><td>326</td></tr> <tr><td></td><td>9</td><td>5,15</td><td>1,13</td><td>1,40</td><td>248</td></tr> <tr><td></td><td>11</td><td>5,15</td><td>1,13</td><td>2,25</td><td>1280</td></tr> <tr><td>N° 11</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	N° 2					N° 3, N° 4, N° 5	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	N° 6	6	5,30	1,13	1,80	470		7	5,30	1,13	1,45	376	N° 7, N° 8, N° 9	8	5,30	1,13	1,45	326		9	5,15	1,13	1,40	248		11	5,15	1,13	2,25	1280	N° 11				
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<p>Gancho, Carro y Puntera / Hook, Trolley and jib head / Lasthaken - Laufkatze-Cabeça de Lança Crochet - Chariot-Pointe de fleche / Gancio - Carrello e Punta freccia</p>		<table border="1"> <tbody> <tr><td></td><td>1,20</td><td>1,35</td><td>0,80</td><td>290</td></tr> <tr><td></td><td>0,80</td><td>0,15</td><td>1,50</td><td>330</td></tr> <tr><td></td><td>0,80</td><td>1,20</td><td>1,40</td><td>108</td></tr> </tbody> </table>		1,20	1,35	0,80	290		0,80	0,15	1,50	330		0,80	1,20	1,40	108																																																	
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<p>Semiviga secundaria base 6x6 / Half base beam / Halbträger für fundamentkreuz Semipoutre de châssis de base / Semitrave secundaria della base</p>		<table border="1"> <tbody> <tr><td></td><td>4,27</td><td>0,68</td><td>0,97</td><td>2025</td></tr> </tbody> </table>		4,27	0,68	0,97	2025																																																											
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		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
Traslacion / Travelling bogies / Kranfahren / Traslacion / Traslazione	 (x2)  (x2)  	1,15	1,25	0,45	505
Elemento de torre TL16 / Tower section TL16 / Turmstück TL16 / Element de mât TL16 / Elemento di torre TL16	  (N)   	K 11,8 K 5,9 K 3 L 11,8 O 11,8 O 5,9 O 3 P 11,8 N 5,9 X 6 T 6 U 6 Z 6	11,8 1,85 1,85 1,85 2,27 2,27 2,27 2,27 2,27 2,29 2,29 2,31 2,61	1,85 1,85 2,27 2,27 2,27 2,27 2,27 2,29 2,29 2,34 2,34	4600 2472 1425 5520 5044 2640 1545 5700 3500 4000 4300 5910 5980
Unidad de rotacion / Complete slewing unit / Drehbühne / Orientation / Rotazione	 	4,40	2,00	2,00	6600
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.

DECLINAMOS TODA RESPONSABILIDAD DERIVADA DE LA INFORMACION PROPORCIONADA.

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 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

