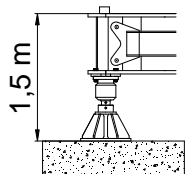
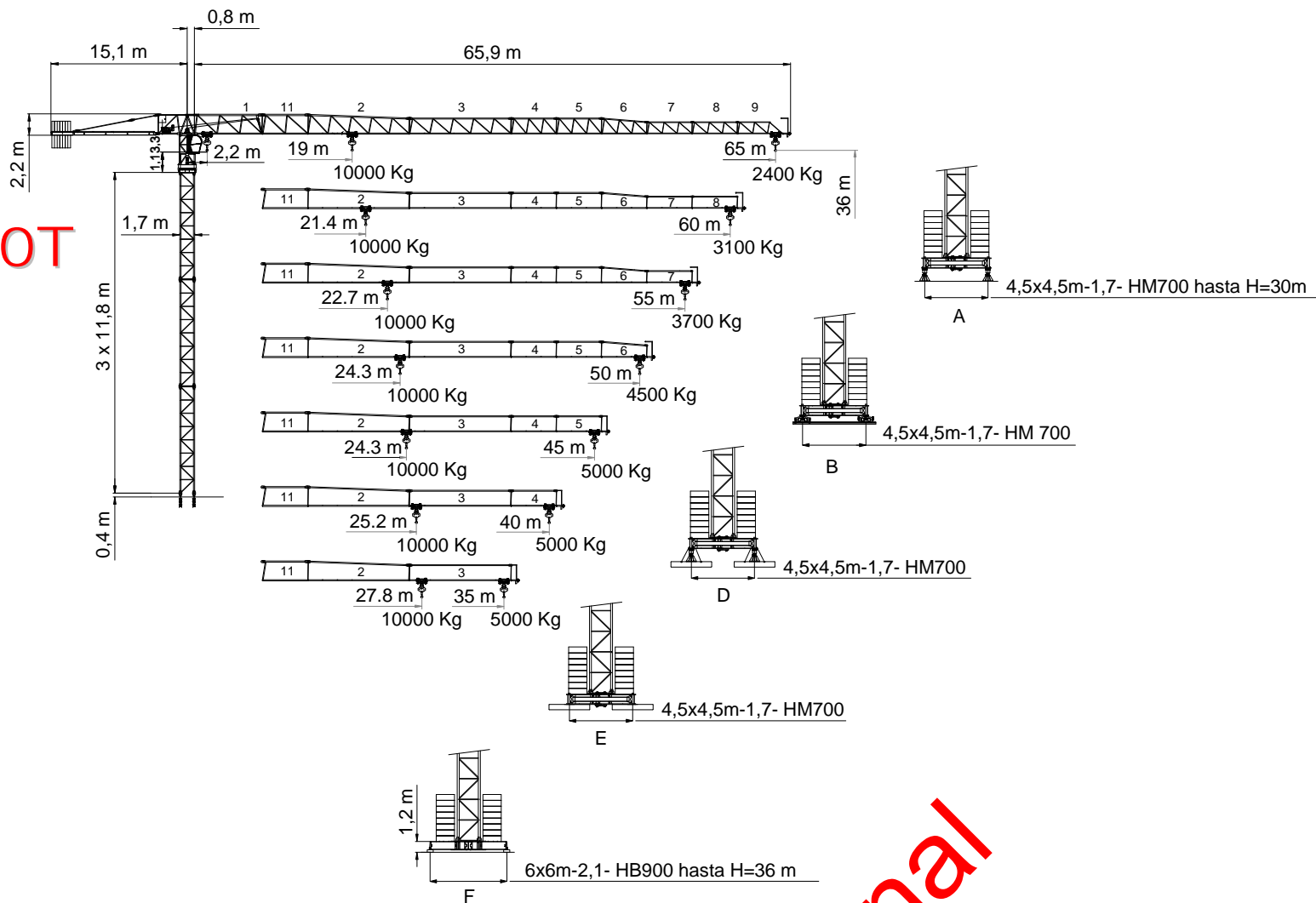
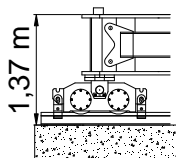




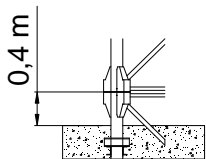
TLS 6510B-10T



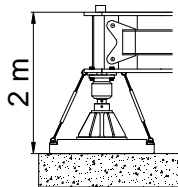
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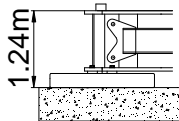
B(OPTIONAL)



C



D



E(4.5x4.5)

Provisional

DIN/FEM

EN 14439-FEM 1005- C25

REV 000. MARZO 2012

Viento max. fuerza de servicio 150km/h

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

65 m

10	15	20	25	30	35	35.6	40	45	50	55	60	65
5000	5000	5000	5000	5000	5000	5000	4368	3795	3340	2969	2660	2400

m
Kg

10	15	19	20	25	30	35	40	45	50	55	60	65
10000	10000	10000	9471	7317	5905	4909	4168	3595	3140	2769	2460	2200

m
Kg

60 m

10	15	20	25	30	35	40	40.2	45	50	55	60
5000	5000	5000	5000	5000	5000	5000	5000	4385	3869	3449	3100

m
Kg

10	15	20	21.4	25	30	35	40	45	50	55	60
10000	10000	10000	10000	8398	6800	5672	4833	4185	3669	3249	2900

m
Kg

55 m

10	15	20	25	30	35	40	42.6	45	50	55
5000	5000	5000	5000	5000	5000	5000	5000	4693	4146	3700

m
Kg

10	15	20	22.7	25	30	35	40	45	50	55
10000	10000	10000	10000	8963	7267	6071	5181	4493	3946	3500

m
Kg

50 m

10	15	20	25	30	35	40	45	45.6	50
5000	5000	5000	5000	5000	5000	5000	5000	5000	4500


m
Kg

10	15	20	24.3	25	30	35	40	45	50
10000	10000	10000	10000	9685	7866	6581	5626	4888	4300

m
Kg

Provisional

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


45 m


10	15	20	25	30	34	35	40	45	m
5000	5000	5000	5000	5000	5000	5000	5000	5000	Kg



10	15	20	24.3	25	30	35	40	45	m
10000	10000	10000	10000	9708	7884	6597	5640	4900	Kg




40 m


10	15	20	25	30	35	35.3	40	m
5000	5000	5000	5000	5000	5000	5000	5000	Kg

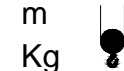


10	15	20	25	25.2	30	35	40	m
10000	10000	10000	10000	10000	8234	6896	5900	Kg



35 m


10	15	20	25	30	35	m
5000	5000	5000	5000	5000	5000	Kg



10	15	20	25	27.8	30	35	m
10000	10000	10000	10000	10000	9176	6600	Kg



Provisional

**Mecanismos
Mechanisms
Antriebe
Mécanismes
Meccanismi**

57 Hp (42Kw) - INV-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


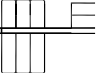
	m/min	11 / 37 / 75			11 / 37 / 75		
	Kw	3,0			3,0		
	r.p.m	0,3	0,6	0,9	0,3	0,6	0,9
	Nm	2 x 65			2 x 65		
	m/min	12 / 24			12 / 24		
	Kw	4 x 3			4 x 3		


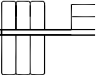
- Elevación / Hoisting / Heben / Levage / Sollevamento
- Distribución / Trolleying / Katzfahren / Distribution / Distribuzione
- Orientación / Slewing / Schwenken / Orientation / Rotazione
- Traslacion / Travelling / Schienenfahren / Translation / Traslazione
- Cable / Rope / Seil / Câble / Fune

 2000/14/CEE 2005/88/CEE	 2006/95 /CEE	400 V 50 Hz	100m 4x35mm ²	GENERADOR	POTENCIA INSTALADA
				300 kVA	60 KW
 2000/14/CEE 2005/88/CEE	 2006/95 /CEE	380 V 60 Hz	100m 4x35mm ²	OPCIONAL	

Provisional

Bloque de contrapeso
Counterweight blocks
Gegengewichtsblöcke
Bloc de contrepoid
Blocco di contrappeso

	65 m			60 m			55 m			50 m		
	A	B	C	A	B	C	A	B	C	A	B	C
	8	-	-	8	-	-	7	1	-	6	2	-
	20000 Kg			20000 Kg			19000 Kg			18000 Kg		

	45 m			40 m			35 m			30 m		
	A	B	C	A	B	C	A	B	C	A	B	C
	6	1	-	6	-	-	4	2	-	3	2	-
	16500 Kg			15000 Kg			13000 Kg			10500 Kg		

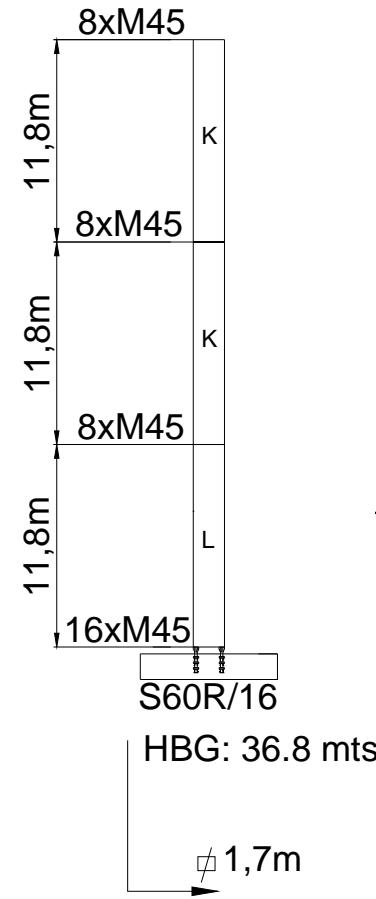
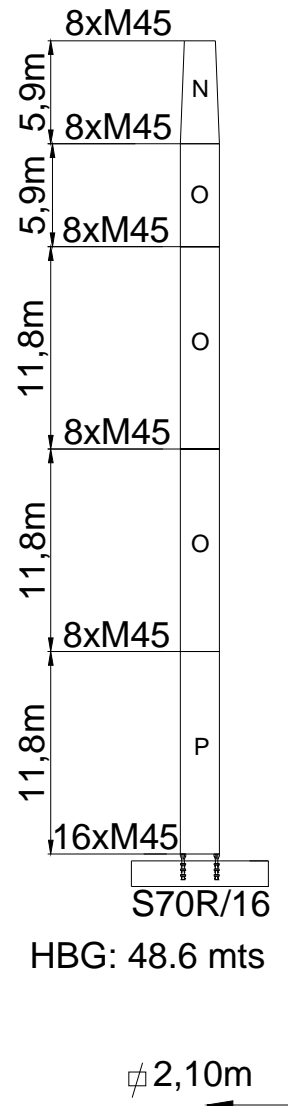
TLS 6510B 5-10T

Provisional

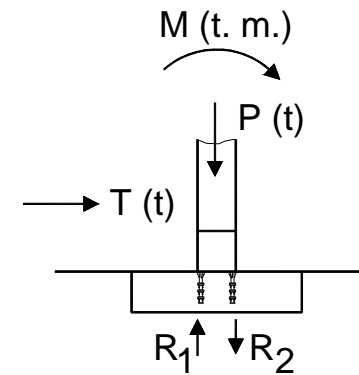


FEM 1005-C25 / EN 14439

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



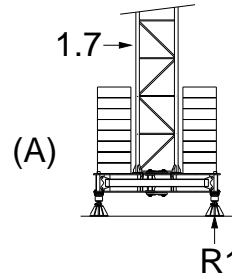
TLS 6510B 5-10T



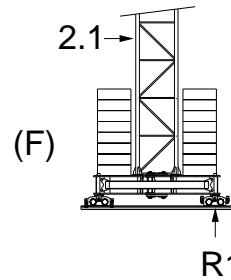
Provisional

FEM 1005-C25 / EN 14439

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



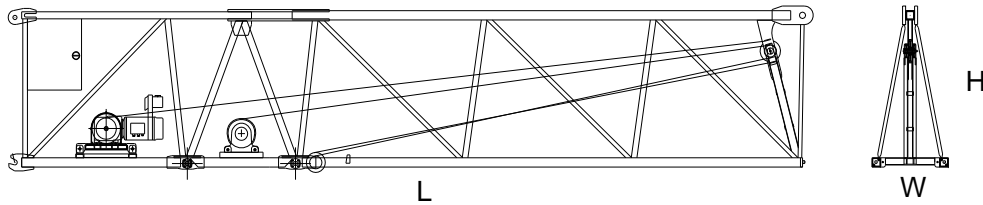
4,5 x 4,5 m-1,7-HM 700	R1 (t)	--
	H (m)	30 m
	Z (t)	--



6 x 6 m- 2.1 - HB900	R1 (t)	--
	H (m)	36 m
	Z (t)	--

Provisional

Pluma tramo primero / Jib heel section / Ausleger-Anlenkstück / Pied de fleche /
Settore articolato di braccio



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

11,90	1.6	2,30	5800
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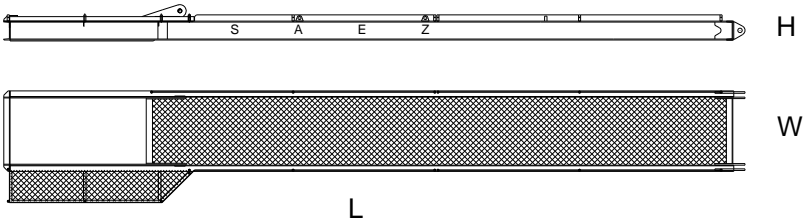
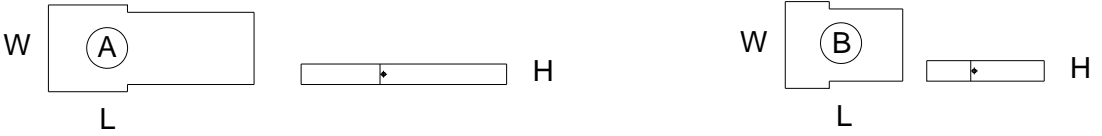
TLS 6510B 5-10T



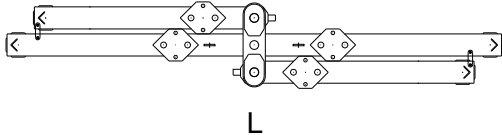
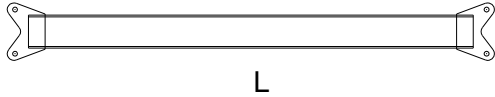
Provisional

		L(m)	W(m)	H(m)	Peso(Kg)	
<p>Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück Elément interm. de fleche / Spezzone di braccio</p>						
<p>Nº 2</p>						
<p>Nº 3, Nº 4, Nº 5</p>						
<p>Nº 6</p>						
<p>Nº 7, Nº 8, Nº 9</p>						
<p>Nº 11</p>						
		2	11,60	1,5	2,25	2194
		3	11,60	1,5	1,80	1720
		4	5,30	1,5	1,80	620
		5	5,30	1,5	1,80	530
		6	5,30	1,5	1,80	470
		7	5,30	1,5	1,45	376
		8	5,30	1,5	1,45	326
		9	5,15	1,5	1,40	248
		11	5,15	1,5	2,25	1280
<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>						
		1,20	1,60	0,80	290	
		0,80	0,75	1,50	330	
		0,80	1,60	1,40	108	


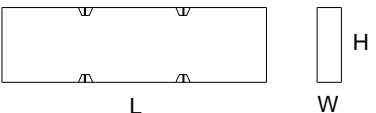
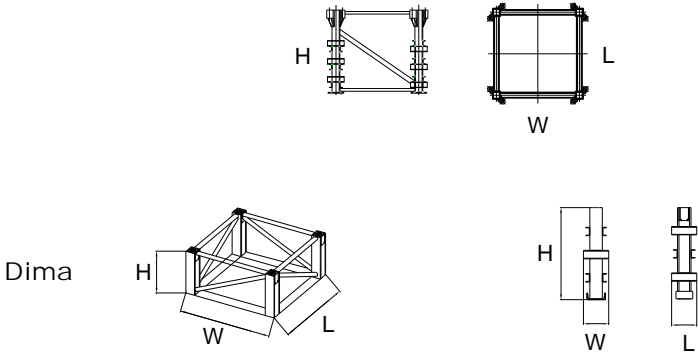
Provisional

	L(m)	W(m)	H(m)	Peso(Kg)
<p>Contrapluma / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio</p> 	11,94	1,80	0,60	2575
<p>Bloque de contrapeso / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso</p> 	3,20 1,83	1,25	0,29	2500 1500

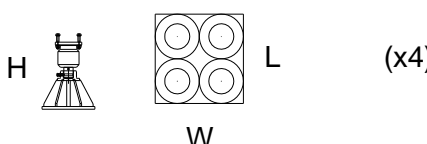
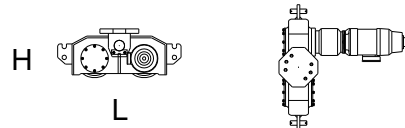
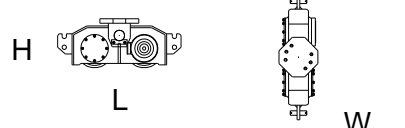
Provisional

	L(m)	W(m)	H(m)	Peso(Kg)
<p>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</p> 	6,70	1,10	1,20	5750
<p>Vigas auxil. de base / Half base beams / Halbträger für fundamentkreuz / Semipoutre de châsis de base / Travi di congiunzi di congiunzione</p> 	4,40	0,30	0,55	220

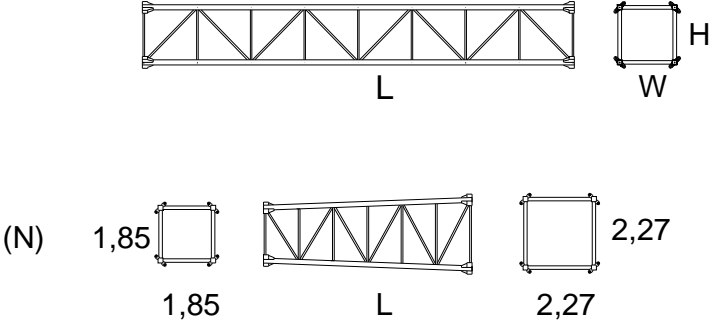
Provisional

		L(m)	W(m)	H(m)	Peso(Kg)	
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	
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
		S75R16/20	0,35	0,35	1,6	1200
		S75R16/22	0,5	0,5	2	2840
		S75R16/26	0,5	0,5	2,4	3160
		S75R24/26	0,5	0,5	2,4	3400
Dima		Dima	2,31	2,34	0,8	1650

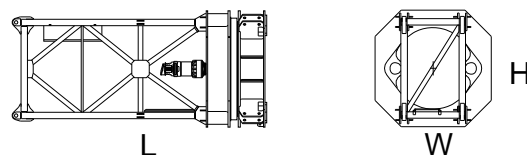
Provisional

	L(m)	W(m)	H(m)	Peso(Kg)
<p>Niveladores / Levellers / Spindel pyramide / Niveleurs / Piedi regolabile</p> <p>n.° 4</p>  <p>(x4)</p>	1,20	1,20	0,90	250
<p>Traslacion / Travelling bogies / Kranfahren / Traslacion / Traslazione</p>  <p>(x2)</p>	1,15	1,25	0,45	505
 <p>(x2)</p>	1,15	1,25	0,45	450

Provisional

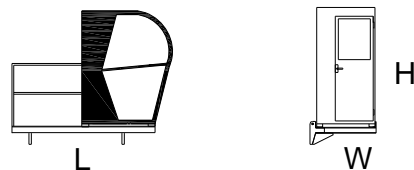
	L(m)	W(m)	H(m)	Peso(Kg)	
Elemento de torre TL16 / Tower section TL16 / Turmstück TL16 / Element de mât TL16 / Elemento di torre TL16					
	K	11,8	1,85	1,85	4600
	K	5,9	1,85	1,85	2472
	K	3	1,85	1,85	1425
	L	11,8	1,85	1,85	5520
	O	11,8	2,27	2,27	5044
	O	5,9	2,27	2,27	2640
	O	3	2,27	2,27	1545
	P	11,8	2,27	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

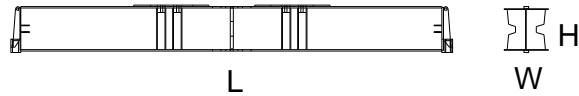
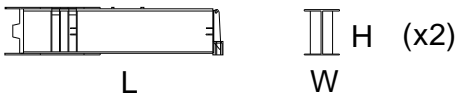
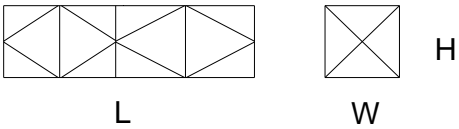
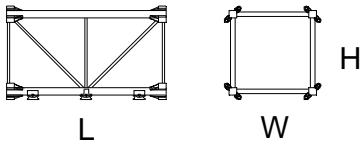


4,40 2,00 2,00 6600

Cabina y soporte / Cabin and support / Kabine und wartungs / Cabine et support / Cabina e supporto



3,00 1,15 2,35 558

	L(m)	W(m)	H(m)	Peso(Kg)
<p>Viga principal base 6x6 / Main base beam / Hauptträger für fundamentkreuz Poutre de châssis de base / Trave principale della base</p> 	8,65	0,78	0,92	4300
<p>Semiviga secundaria base 6x6 / Half base beam / Halbträger für fundamentkreuz Semipoutre de châssis de base / Semitrave secundaria della base</p> 	4,27	0,68	0,97	2025
<p>Caja de trepado-S17 / Climbing cage / Hydraulikbühne Cage de montage / Gabbia di montaggio</p> 	7,35	2,1	2,1	6400
<p>Tramo trepador / Tower element / Turmstück Element de mature / Elemento di torre monolitico</p> 	3	1,85	1,85	1425

Provisional

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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