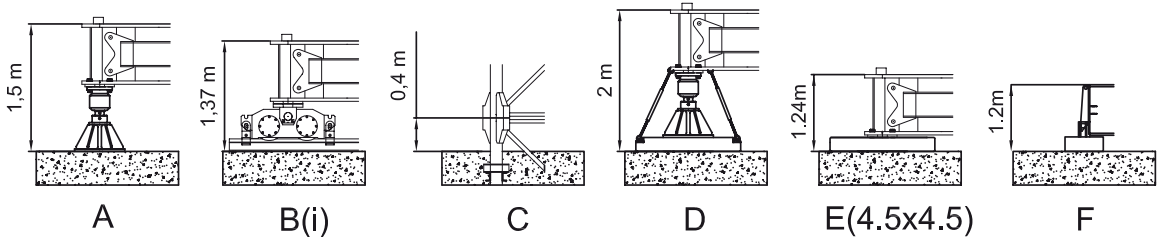
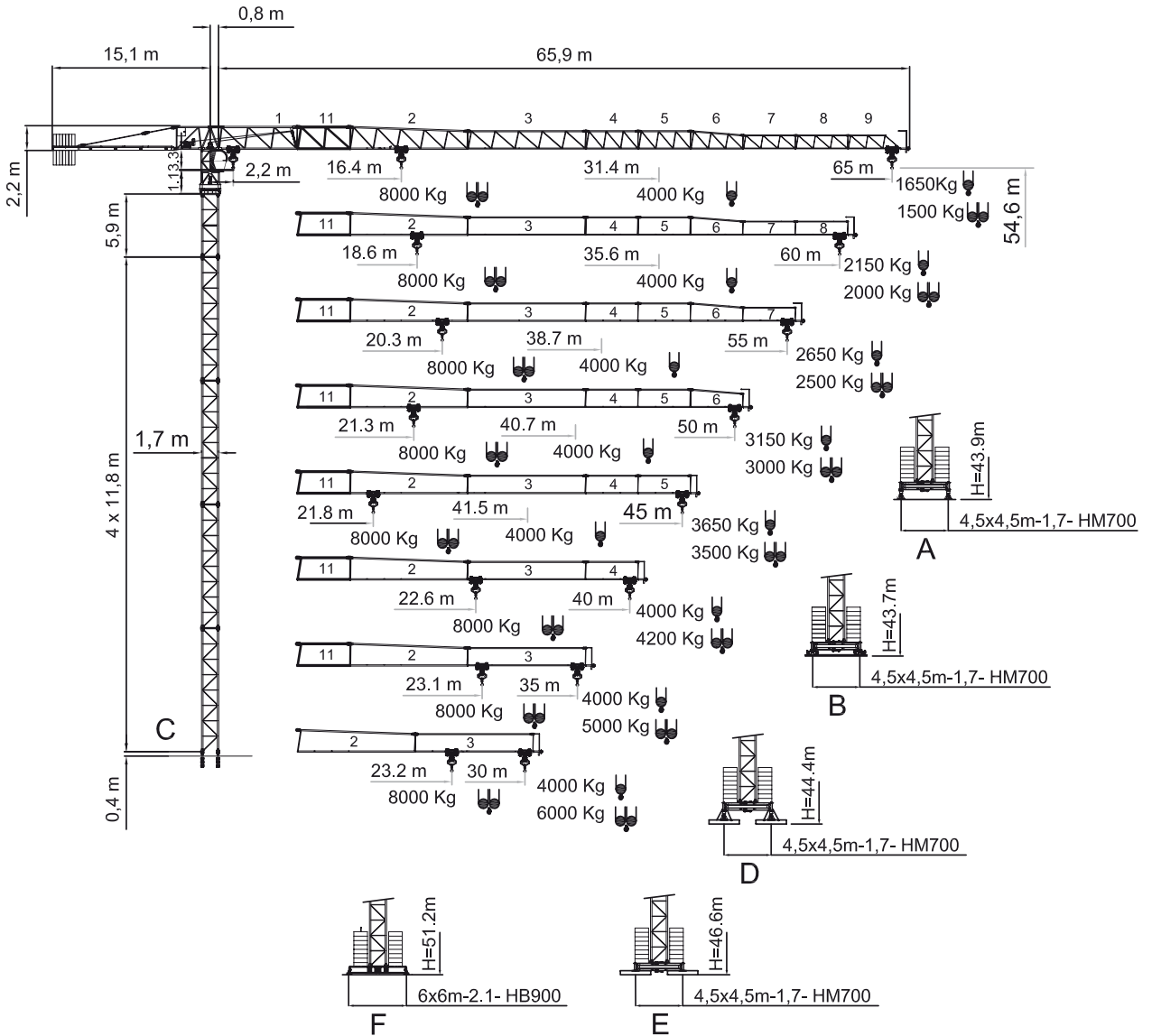
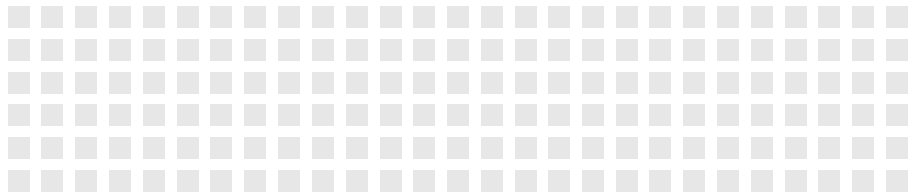










































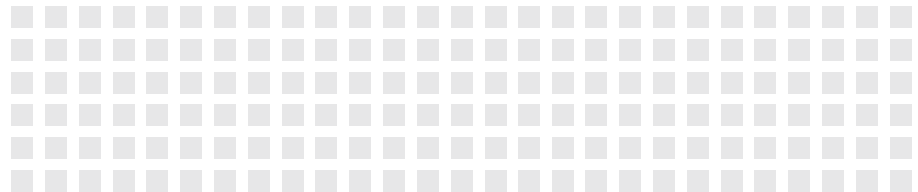
# TLS 65 8T





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

65 m 	10	15	20	25	30	31,45	35	40	45	50	55	60	65	m	
	4000	4000	4000	4000	4000	4000	3530	3020	2620	2300	2040	1830	1650	Kg	
	10	15	18	20	25	30	35	40	45	50	55	60	65	m	
	4000	4000	4000	4000	4000	4000	3330	2830	2440	2130	1880	1680	1500	Kg	
60 m 	10	15	20	25	30	35	35,6	40	45	50	55	60		m	
	4000	4000	4000	4000	4000	4000	4000	3500	3050	2690	2390	2150		Kg	
	10	15	20	25	30	34,2	35	40	45	50	55	60		m	
	4000	4000	4000	4000	4000	4000	3890	3320	2880	2520	2240	2000		Kg	
55 m 	10	15	20	25	30	35	38,7	40	45	50	55			m	
	4000	4000	4000	4000	4000	4000	4000	3860	3360	2970	2650			Kg	
	10	15	20	25	30	35	37,3	40	45	50	55			m	
	4000	4000	4000	4000	4000	4000	4000	3680	3200	2810	2500			Kg	
50 m 	10	15	20	25	30	35	40	40,7	45	50				m	
	4000	4000	4000	4000	4000	4000	4000	4000	3560	3150				Kg	
	10	15	20	25	30	35	39,3	40	45	50				m	
	4000	4000	4000	4000	4000	4000	4000	3920	3410	3000				Kg	
45 m 	10	15	20	25	30	35	40	45	50					m	
	4000	4000	4000	4000	4000	4000	4000	4000	3650					Kg	
	10	15	20	25	30	35	40	40,1	45					m	
	4000	4000	4000	4000	4000	4000	4000	4000	3500					Kg	
40 m 	10	15	20	25	30	35	40							m	
	4000	4000	4000	4000	4000	4000	4000							Kg	
	10	15	20	22	25	30	35	40						m	
	4000	4000	4000	4000	4000	4000	4000	4000						Kg	
35 m 	10	15	20	25	30	35	40							m	
	4000	4000	4000	4000	4000	4000	4000							Kg	
	10	15	20	22	25	30	35							m	
	4000	4000	4000	4000	4000	4000	4000							Kg	
30 m 	10	15	20	25	30									m	
	4000	4000	4000	4000	4000									Kg	
	10	15	20	22	25	30								m	
	4000	4000	4000	4000	4000	4000								Kg	



# TLS 65 8T

Mecanismos- Mechanisms- Antriebe- Mécanismes- Meccanismi



45 Hp (33Kw) - INV-5V  
 H.B.G 126Mts S/R Ø12  
 H.B.G LEBUS 320Mts S/R Ø12

▲ ▼	350 m LEBUS 734 m	m/min	0-6.3	0-42	0-56	0-76.4	0-104	0-15	0-21	0-28	0-38	0-52
		Kg	4000	4000	3000	2000	1250	8000	8000	6000	4000	2500
		Kw	33	33	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		

\* Opcional / Optional / Opzionale /

- ⬆ 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

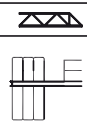
		400 V 50 Hz	100m 4x35mm <sup>2</sup>
2000/14/CEE 2005/88/CEE	2006/95 /CEE		

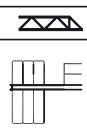
GENERADOR	POTENCIA INSTALADA
300 kVA	60 KW

		380 V 60 Hz	100m 4x35mm <sup>2</sup>
2000/14/CEE 2005/88/CEE	2006/95 /CEE		

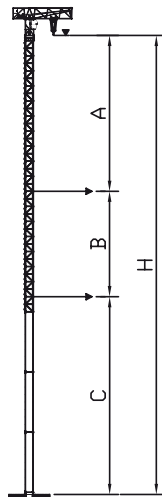
OPCIONAL

## 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		

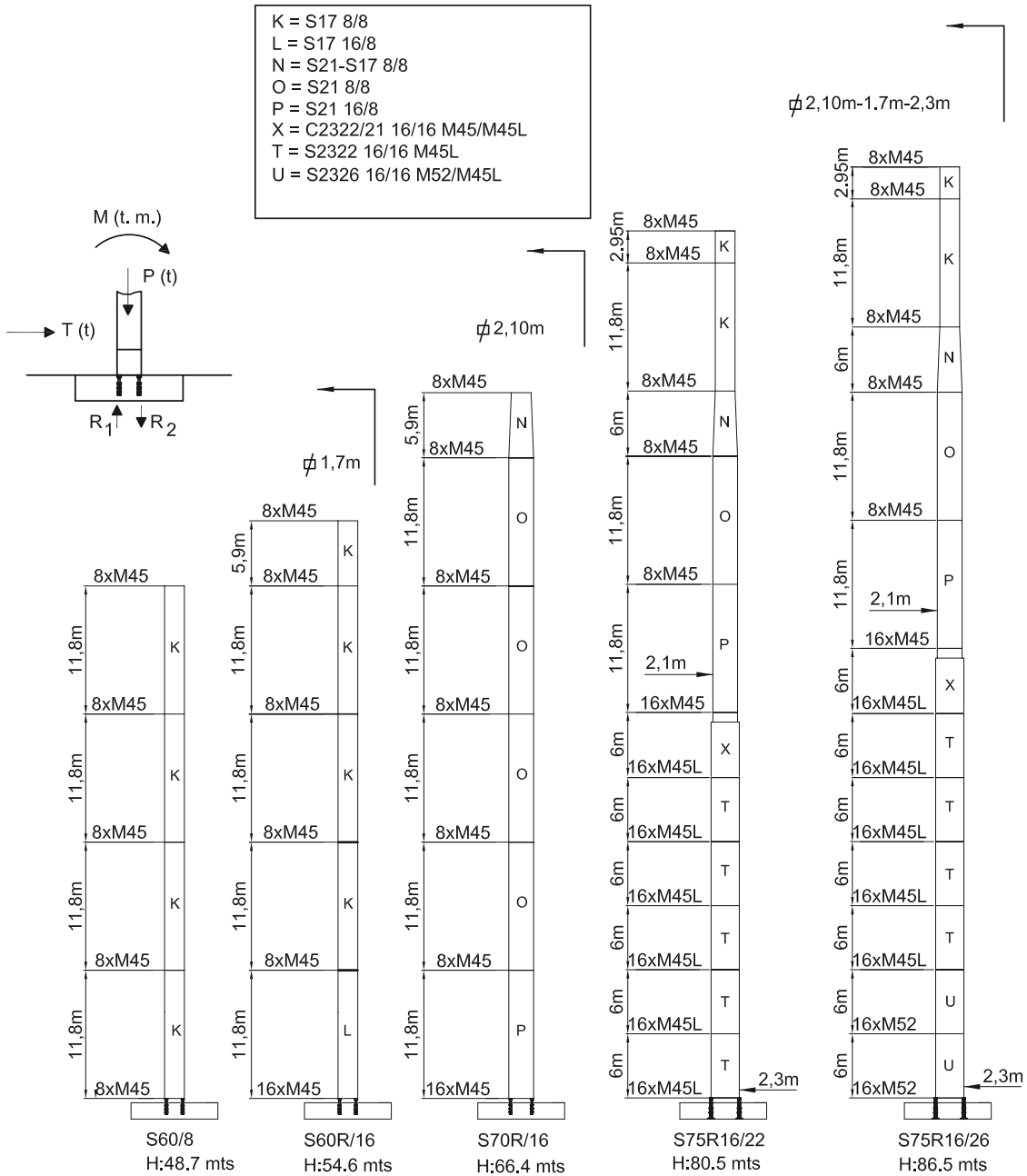
	45 m			40 m			35 m			30 m		
	A	B	C	A	B	C	A	B	C	A	B	C
	6	1	-	6	-	-	4	2	-	3	2	-
	16500 Kg			15000 Kg			13000 Kg			10500 Kg		

## Proceso de trepado- External climbing- Kletterkrane- Telescopable- Sopralzo idraulico



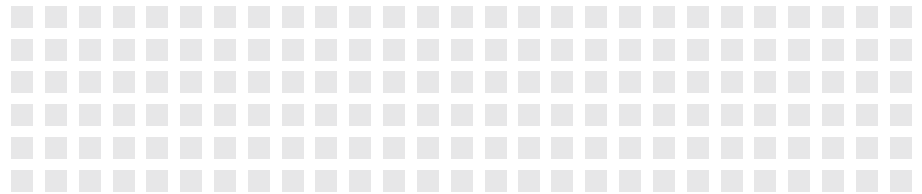
	S17-8/8
	MTS
A max.	30
B max.	20,7
C max.	48
H max.	①

FEM 1005-C25 / EN 14439- Mástil / Reacciones- Masts / Reactions- Maste / Eckdrücke-  
Mat / Réactions- Torre / Réazioni



H (m)	25,1	31	36,9	42,8	48,7	51,7	54,6
M (T-m)	232.4	281.3	352	419.6	518.3	564.5	615.2
T (t)	6,2	7.4	8,8	9.7	11.2	11.6	12.3
P (t)	45.3	51.4	53.5	55.6	57.7	58.9	62.8
R <sub>1</sub> (t)	98.2	119.7	152.5	184	223	251.3	274.2
R <sub>2</sub> (t)	-120.8	-145.4	-179.2	-211.7	-258.7	-280.8	-305.7

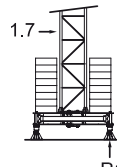
H (m)	86.5	80.5	74.5	66.4	63.5	60.5	57.6
M (T-m)	1387.6	1180	970.2	764.2	708.9	657.6	611.2
T (t)	27.6	24.6	22	17.5	17	16.4	15.8
P (t)	102.7	94	89.4	85.5	83.9	82.6	81.4
R <sub>1</sub> (t)	453	383.6	312.3	258.2	238.6	221.3	204.5
R <sub>2</sub> (t)	-504.3	-430.7	-350	-296	-275.5	-256.5	-238.7



# TLS 65 8T


FEM 1005-C25 / EN 14439- Bloque lastre de base- Base ballast block- Grundballastblöcke - Bloc de lest de base- Blocco di zavorra alla base

(A)



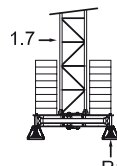
4,5 x 4,5 m-1,7- HM 700	H (m)	20,3 m	23,3 m	26,2 m	29,2 m	32,1 m	35,1 m	38 m	41 m	43,9 m
	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t	82,4 t	86,7 t	103 t
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t	91,2 t	106,4 t	106,4t

(B)



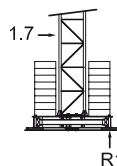
4,5 x 4,5 m-1,7- HM 700	H (m)	20,1 m	23,1 m	26 m	29 m	31,9 m	34,9 m	37,8 m	40,8 m	43,7 m
	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t	82,4 t	86,7 t	103 t
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t	91,2 t	106,4 t	106,4t

(D)



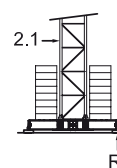
4,5 x 4,5 m-1,7- HM 700	H (m)	20,8 m	23,8 m	26,7 m	29,7 m	32,6 m	35,6 m	38,5 m	41,5 m	44,4 m
	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t	82,4 t	86,7 t	103 t
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t	91,2 t	106,4 t	106,4t

(E)

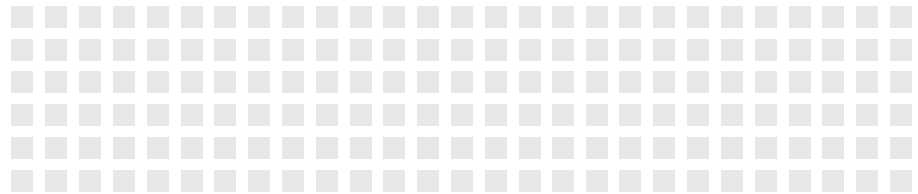


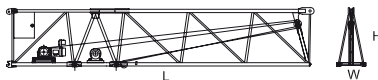
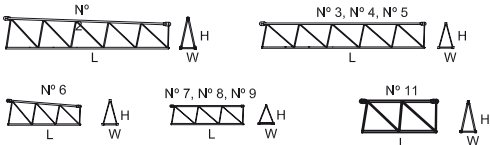
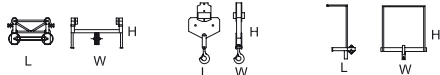

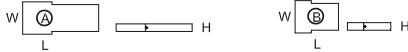
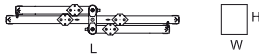
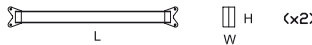
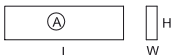
4,5 x 4,5 m-1,7- HM 700	H (m)	20 m	23 m	25.9 m	28.9 m	31.8 m	34.8 m	37.7 m	40.7 m	43.6 m
	R1 (t)	73,6 t	74,4 t	75,6 t	78,8 t	80 t	81,3 t	82,4 t	86,7 t	103 t
	Z (t)	83,6 t	83,6 t	83,6 t	91,2 t	91,2 t	91,2 t	91,2 t	106,4 t	106,4t
	H (m)	46,6 m								
	R1 (t)	125 t								
	Z (t)	121,6 t								

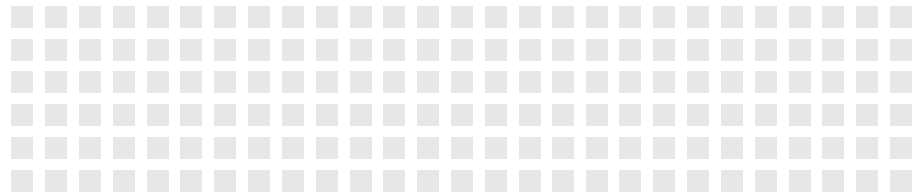
(F)



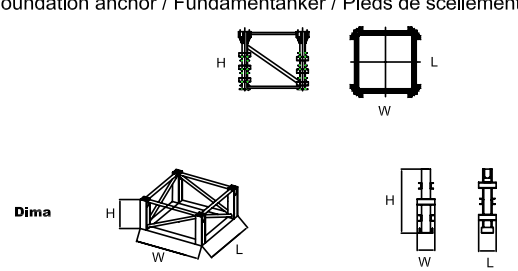
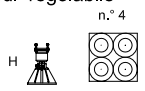
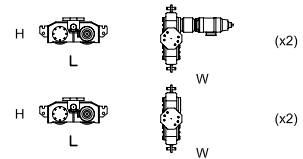
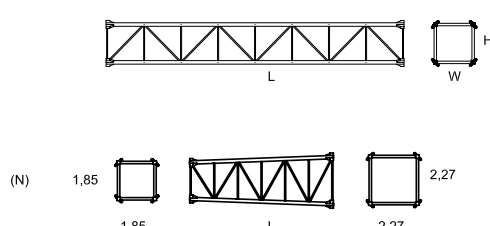
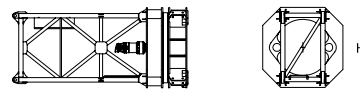
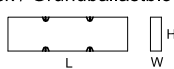
6 x 6 m-2,1/1,7- HB 900	H (m)	18.8 m	24.7 m	30.6 m	36.5 m	42.4 m	48.3 m	51.2 m		
	R1 (t)	44 t	46.1 t	52 t	59.8 t	77.7 t	104 t	115.8 t		
	Z (t)	45.6 t	45.6 t	45.6 t	60.5 t	68.4 t	91.2 t	98.8 t		




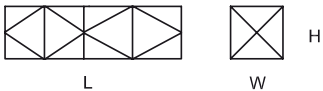
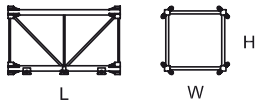


	L(m)	W(m)	H(m)	Peso(Kg)	
<b>Pluma tramo primero</b> / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio 	11.9	1.25	2.3	5800	
<b>Elemento Intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück Elément interm. de fleche / Spezzone di braccio 	2 3 4 5 6 7 8 9 11	11.6 11.6 5.3 5.3 5.3 5.3 5.3 5.15 5.15	1.13 1.13 1.13 1.13 1.13 1.13 1.13 1.13 1.13	2.25 1.8 1.8 1.8 1.45 1.45 1.4 2.25	2194 1720 620 530 470 376 326 248 1280
<b>Gancho, Carro y Puntera</b> / Hook, Trolley and jib head / Lasthaken - Laufkatze-Cabeça de Lança Crochet - Chariot-Pointe de fleche / Gancio - Carrello e Punta freccia 	1.2 0.8 0.8	1.35 0.15 1.2	0.8 1.5 1.4	290 330 108	
<b>Contrapluma</b> / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio 	11.94	1.8	0.6	2575	
<b>Bloque de contrapeso</b> / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso 	3.2 1.83	1.25 1.25	0.29 0.29	2500 1500	
<b>Base Cruciforme 4,5 X4,5</b> / 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 	6.7	1.1	1.2	5750	
<b>Vigas auxil. de base</b> / Half base beams / Halbträger für fundamentkreuz / Semipoutre de châsis de base / Travi di congiunzi di congiunzione 	4.4	0.3	0.55	220	
<b>Bloque lastre de base</b> / Base ballast block / Grundballastblöcke / Bloc de lest de base Blocco di zavorra alla base 	440	0.3	1.2	3800	



# TLS 65 8T

	L(m)	W(m)	H(m)	Peso(Kg)		
<b>Elemento de empotre</b> / Foundation anchor / Fundamentanker / Pieds de scellement El anegare		S60/8 S60/R16 S70/8 S70R/16 S75R16/20 0.35 S75R16/22 0.5 S75R16/26 0.5 S75R24/26 0.5 Dima	1,85 1,85 2,27 2,27 0,35 0,5 0,5 0,5 2,31	1,85 1,85 2,27 2,27 1,6 1,6 1,6 1,6 0,8	956 1108 1122 1274 1200 2840 3160 3400 1650	
<b>Niveladores</b> / Levellers / Spindel pyramide / Niveleurs / Piedi regolabile		n.º 4	1,20	1,20	0,90	250
<b>Traslacion</b> / Travelling bogies / Kranfahren / Traslacion / Traslazione		(x4)	1,15	1,25	0,45	505
		(x2)	1,15	0,25	0,45	450
<b>Elemento de torre</b> / Tower section / Turmstück / Elément de mât / Elemento di torre		K K K L O O O P N X T U Z	11,8 5,9 3 11,8 11,8 5,9 3 11,8 5,9 6 6 6 6	1,85 1,85 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	
<b>Unidad de rotacion</b> / Complete slewing unit / Drehbühne / Partie tournante / Unità di rotazione			4,40	2,00	2,00	6600
<b>Bloque apoyo de base</b> / 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)
<b>Cabina y soporte</b> / Cabin and platform / Kabine und wartungs / Cabine et support / Cabina e supporto 	3,00	1,15	2,35	558
<b>Viga principal base 6x6</b> / Main base beam / Hauptträger für fundamentkreuz Poutre de châssis de base / Trave principale della base 	8,65	0,78	0,92	4300
<b>Semiviga secundaria base 6x6</b> / Half base beam / Halbträger für fundamentkreuz Semipoutre de châssis de base / Semitrave secundaria della base 	4,27	0,68	0,97	2025
<b>Jaula de telescopaje tipo K</b> / Climbing cage type K / Hydraulikbühne Cage de telescopage type K / Gabbia di montaggio K 	7,35	2,1	2,1	6400
<b>Tramo trepador</b> / Tower element / Turmstück Élément de mât / Elemento di torre monolitico 	3	1,85	1,85	1425

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