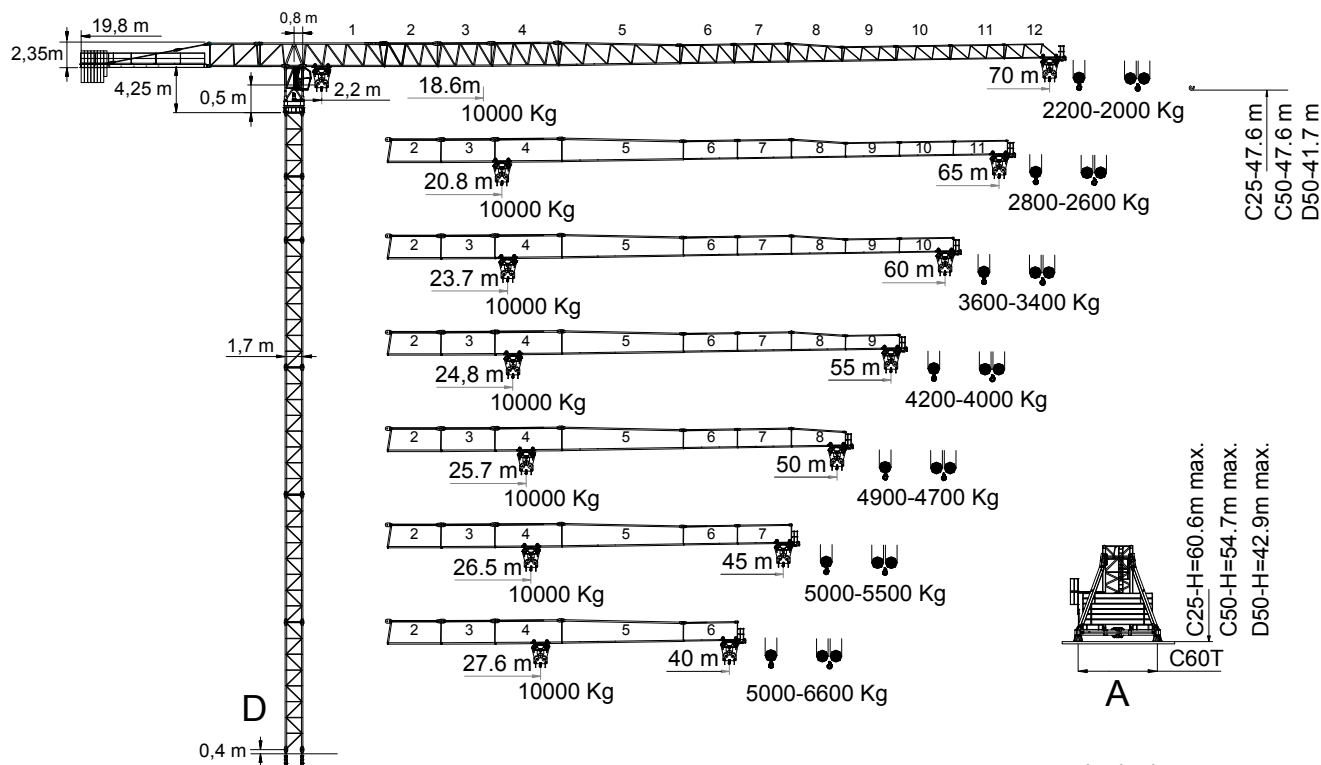


Curvas de cargas- Load diagrams- Lastkurven- Courbes de charges- Curve di carico
График грузоподъёмности

70 m 	15	20	25	30	35	35.5	40	45	50	55	60	65	70	m	
	5000	5000	5000	5000	5000	5000	4520	3910	3430	3040	2710	2440	2200	Kg	
	15	20	25	30	34	35	40	45	50	55	60	65	70	m	
	5000	5000	5000	5000	5000	5150	4350	3740	3250	2850	2520	2240	2000	Kg	
65 m 	15	18.6	20	25	30	35	40	45	50	55	60	65	70	m	
	10000	10000	9214	7720	6210	5150	4350	3740	3250	2850	2520	2240	2000	Kg	
	15	20	25	30	35	39.8	40	45	50	55	60	65		m	
	5000	5000	5000	5000	5000	5000	4981	4440	3910	3470	3110	2800		Kg	
60 m 	15	20	25	30	35	38.3	40	45	50	55	60	65		m	
	5000	5000	5000	5000	5000	5000	4940	4260	3720	3280	2910	2600		Kg	
	15	20	20.8	25	30	35	40	45	50	55	60	65		m	
	10000	10000	10000	8670	7000	5820	4940	4260	3720	3280	2910	2600		Kg	
55 m 	15	20	25	30	35	40	45	45.2	50	55	60			m	
	5000	5000	5000	5000	5000	5000	5000	5000	4500	4010	3600			Kg	
	15	20	25	30	35	40	43.5	45	50	55	60			m	
	5000	5000	5000	5000	5000	5000	5000	4920	4310	3810	3400			Kg	
50 m 	15	20	23.7	25	30	35	40	45	50	55	60			m	
	10000	10000	10000	9870	8000	6670	5680	4920	4310	3810	3400			Kg	
	15	20	25	30	35	40	45	47.2	50	55				m	
	5000	5000	5000	5000	5000	5000	5000	5000	4710	4200				Kg	
45 m 	15	20	25	30	35	40	45	45.6	50	55				m	
	5000	5000	5000	5000	5000	5000	5000	5000	4520	4000				Kg	
	15	20	24.8	25	30	35	40	45	50	55				m	
	10000	10000	10000	10290	8350	6970	5940	5150	4520	4000				Kg	
40 m 	15	20	25	30	35	40	45	49.1	50					m	
	5000	5000	5000	5000	5000	5000	5000	5000	4900					Kg	
	15	20	25	30	35	40	45	47.4	50					m	
	5000	5000	5000	5000	5000	5000	5000	5000	4700					Kg	
35 m 	15	20	25	25.7	30	35	40	45	50					m	
	10000	10000	10000	10000	8660	7230	6170	5350	4700					Kg	
	15	20	25	30	35	40	42	45						m	
	5000	5000	5000	5000	5000	5000	5000	5000						Kg	
30 m 	15	20	25	30	35	40	42	45						m	
	5000	5000	5000	5000	5000	5000	5000	5000						Kg	
	15	20	25	26.3	30	35	40	45						m	
	10000	10000	10000	10000	8880	7420	6340	5500						Kg	
25 m 	10	15	20	25	30	35	40							m	
	5000	5000	5000	5000	5000	5000	5000							Kg	
	15	20	25	30	35	37	40							m	
	5000	5000	5000	5000	5000	5000	5000							Kg	
20 m 	15	20	25	26.5	30	35	40							m	
	10000	10000	10000	10000	9230	7720	6600							Kg	

Bloque de contrapeso- Counterweight blocks- Gegengewichtsblöcke- Bloc de contrepoid- Blocco di contrappeso - Плиты противовеса

	70 m		65 m		60 m		55 m	
	A	B	A	B	A	B	A	B
	7	1	7	1	7	1	6	2
	20750 Kg		20750 Kg		20750 Kg		19500 Kg	

	50 m		45 m		40 m		35 m	
	A	B	A	B	A	B	A	B
	5	3	5	2	4	3	4	2
	18250 Kg		16750 Kg		15500 Kg		14000 Kg	

Mecanismos- Mechanisms- Antriebe- Mécanismes- Meccanismi - Приводы

56 Hp (42Kw) - INV
H.B.G 150Mts S/R Ø13

		m/min	0→5	0→35	0→48	0→73	0→107	0→2.5	0→17.5	0→24	0→36.5	0→53.5
▲	300 m	Kg	5000	5000	4000	2500	1250	10000	10000	8000	5000	2500
▼		Kw	42	42	42	42	42	42	42	42	42	42

45 Hp10T (33Kw) - INV-5V
400V-50HZ/60HZ
H.B.G 126Mts S/R Ø12
H.B.G LEBUS 320Mts S/R Ø12

		m/min	0→6.3	0→33	0→45	0→65	0→89	0→3.1	0→16.5	0→22.5	0→32.5	0→44.5
▲	350 m	Kg	5000	5000	3500	2000	1250	10000	10000	7000	4000	2500
▼	LEBUS 734 m	Kw	33	33	33	33	33	33	33	33	33	33

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

* Opcional / Optional / Opzionale /

▲ Elevación / Hoisting / Heben / Levage / Sollevamento

◀▶ Distribución / Trolleying / Katzfahren / Distribution / Distribuzione

⦿ Orientación / Slewing / Schwenken / Orientation / Rotazione

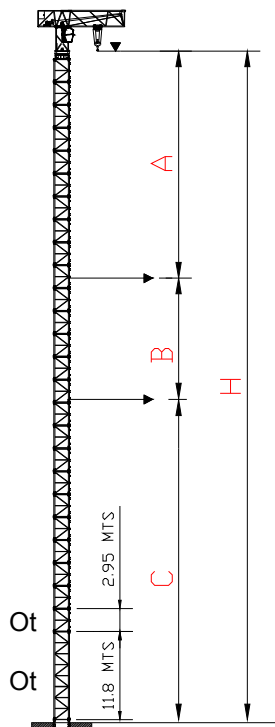
▤ Traslacion / Travelling / Schienenfahren / Translation / Traslazione

◀▶ Cable / Rope / Seil / Câble / Fune

2000/14/CEE 2005/88/CEE	2006/95 /CEE	400 V 50 Hz	100m 4x35mm ²	POTENCIA INSTALADA 80 KW
----------------------------	-----------------	----------------	-----------------------------	--------------------------------

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

OPCIONAL

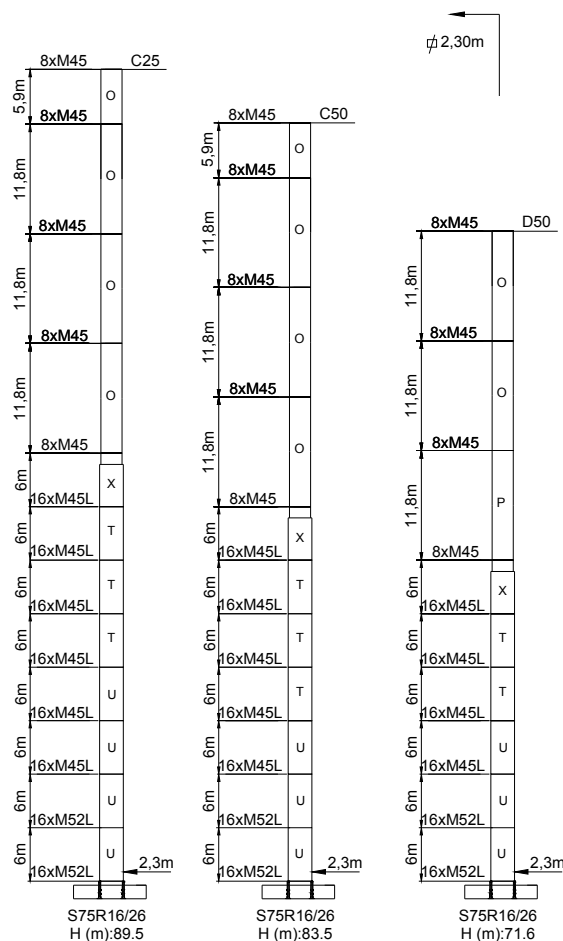
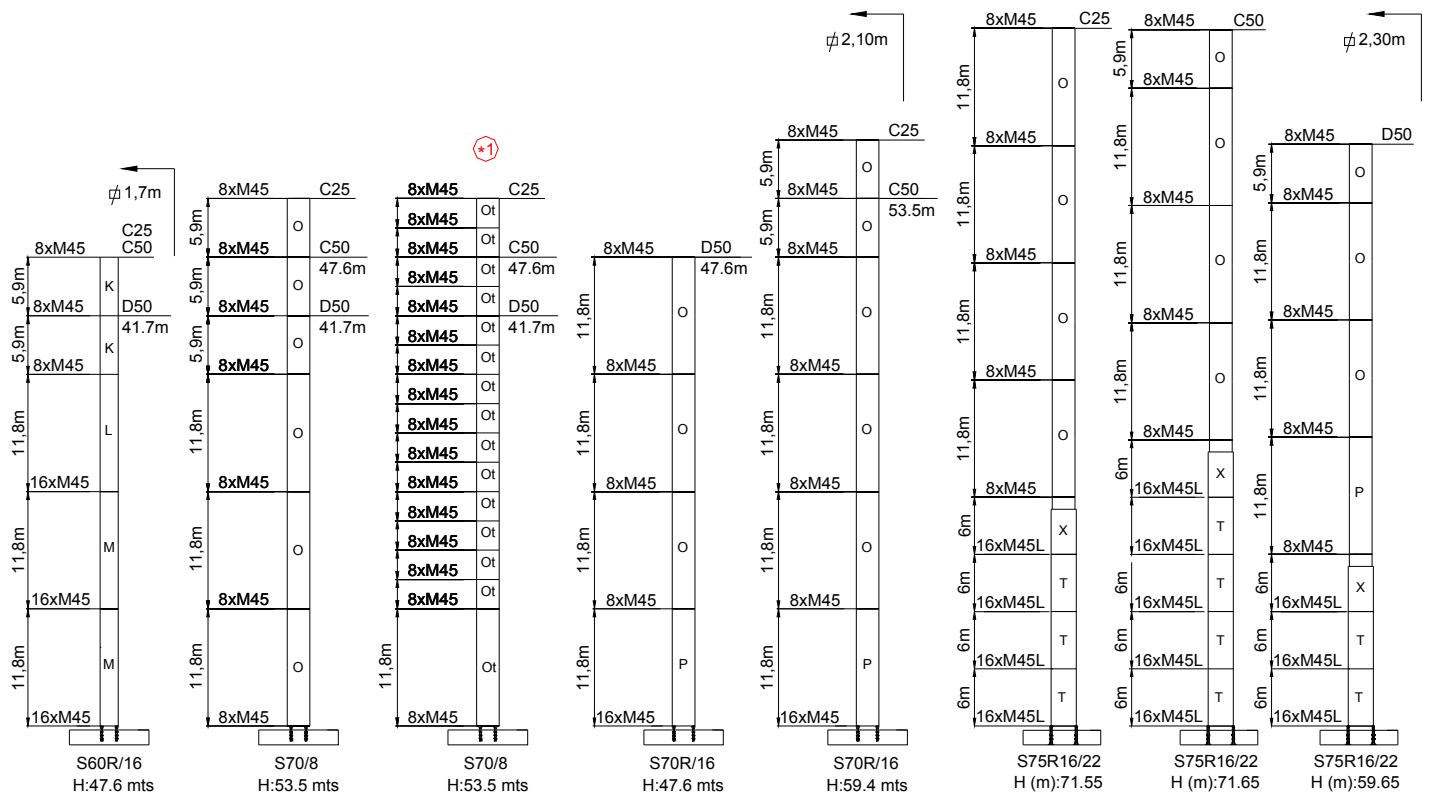
**Proceso de trepado- External climbing- Kletterkrane- Telescopable- Sopralzo idraulico -
Процесс наращивания крана**


PAGINA 4	MONOBLOCK O/2.95m
*1	MTS
A max.	29.5
B max.	20.6
C max.	44.6
Hi max.	53.5
H max.	94.7
C+B+A	115.3 / (i)

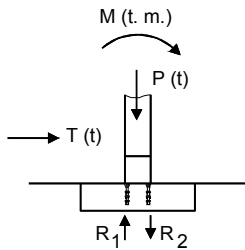


Consultarnos-Consultateci-Consult us-Nous consulter-Auf anfrage

**FEM 1005-C25-C50-D50 / EN 14439- Mástil / Reacciones- Masts / Reactions- Mast /
Eckdrücke-Mat / Réactions- Torre / Réazioni / Реакции - Комплектация башни**

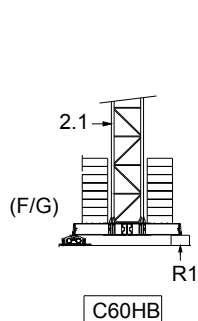


K = S17 8/8
 L = S17 16/8
 N = S21-S17 8/8
 O = S21 8/8
 P = S21 16/8
 T = S2322 16/16 M45L
 U = S2326 16/16 M52L

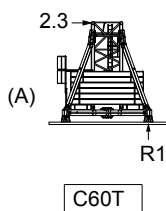


		M	O	P	T	U
C 25	H (m)	47.60	53.50	59.40	71.55	89.50
	M (T·m)	503.5	563.7	648.2	933	1545.5
	T (t)	9.44	10.46	14.49	17.71	24.6
	P (t)	67.86	73.82	79.47	93.32	115.92
	R ₁ (t)	221.9	187.6	215.1	298.5	504
	R ₂ (t)	252.7	221.1	254.9	345.1	562
		M	O	P	T	U
C 50	H (m)	47.60	47.60	53.50	71.65	83.50
	M (T·m)	503.5	488.4	582.2	1070.9	1469.3
	T (t)	9.44	9.48	14.64	20.27	24.34
	P (t)	67.86	64.83	76.77	95.42	109.62
	R ₁ (t)	221.9	162.3	191.9	345.5	479.4
	R ₂ (t)	252.7	191.8	230.3	393.2	534.2
		M	O	P	T	U
D 50	H (m)	41.70	41.70	47.60	59.65	71.60
	M (T·m)	482.2	486.9	640.8	981.1	1414.5
	T (t)	15	15.5	17.45	21.57	27.18
	P (t)	69.51	72.17	74.07	85.02	101.32
	R ₁ (t)	209.9	158.5	213.8	317.1	462.5
	R ₂ (t)	244.6	194.6	250.8	359.6	513.2

**FEM 1005-C25-C50-D50 / EN 14439- Bloque lastre de base- Base ballast block-
 Grundballastblöcke -Bloc de lest de base- Blocco di zavorra alla base - Балласты
 опорной рамы**

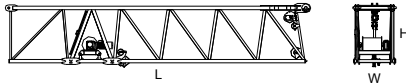
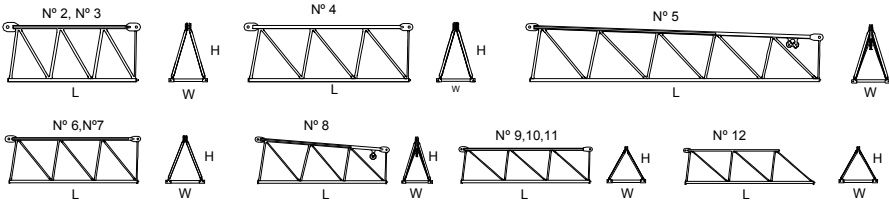
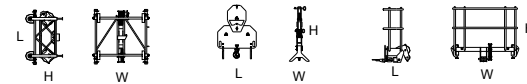
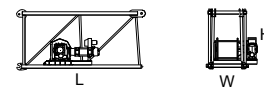
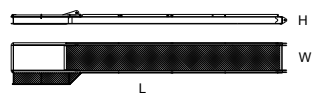
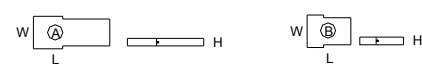
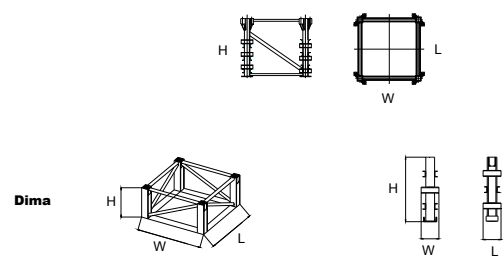


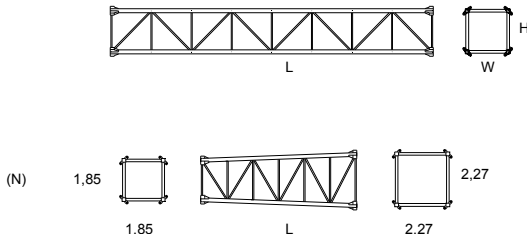
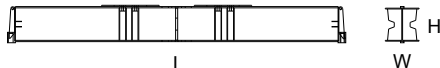
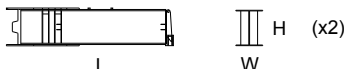
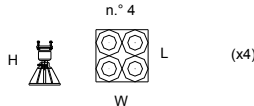
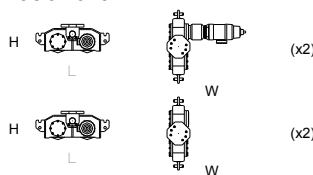
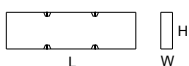
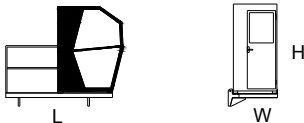
		(F/G)	(F/G)	(F/G)	(F/G)	(F/G)	(F/G)	(F)
C25	H (m)	12.9 m	18.8 m	24.7 m	30.6 m	36.5 m	43.1 m	48.3 m
	R ₁ (t)	59.5 t	63.6 t	68.4 t	73.8 t	80.1 t	88.8 t	98.8 t
	Z (t)	45 t	40 t	45 t	60 t	75 t	95 t	115 t
C50	H (m)	12.9 m	18.8 m	24.7 m	30.6 m	36.5 m	42.4 m	
	R ₁ (t)	59.5 t	63.6 t	68.4 t	73.9 t	82 t	91.3 t	
	Z (t)	45 t	40 t	50 t	65 t	85 t	105 t	
D50	H (m)	12.9 m	18.8 m	24.7 m	30.6 m	36.5 m		
	R ₁ (t)	59.5 t	63.6 t	69.8 t	78.2 t	89.7 t		
	Z (t)	45 t	50 t	65 t	85 t	115 t		

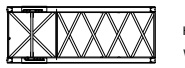
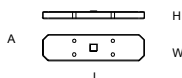
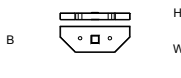
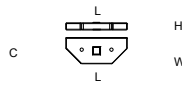
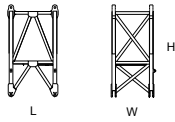
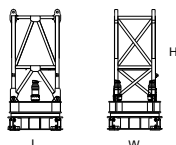
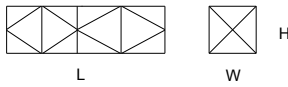
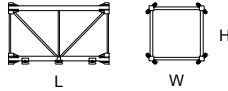
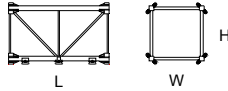
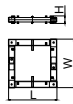


C25	H (m)	31.1 m	37 m	42.9 m	48.8 m	54.7 m	60.6 m
	R ₁ (t)	76 t	81.7 t	90.7 t	100.6 t	127.9 t	157.7 t
	Z (t)	60 t	75 t	95 t	115 t	140 t	170 t
C50	H (m)	25.2 m	31.1 m	37 m	42.9 m	48.8 m	54.7 m
	R ₁ (t)	71 t	76.1 t	84.2 t	93.2 t	114.4 t	142 t
	Z (t)	50 t	65 t	85 t	105 t	130 t	150 t
D50	H (m)	19.3 m	25.2 m	31.1 m	37 m	42.9 m	
	R ₁ (t)	66.7 t	72.5 t	80.7 t	93.2 t	120.8 t	
	Z (t)	45 t	65 t	85 t	115 t	140 t	

**Dimensiones y transporte- dimensions and transport - Abmessungen und Transport-
dimensions et des transports - dimensioni e trasporti - Размеры и транспорта**

	L(m)	W(m)	H(m)	Peso(Kg)
Pluma tramo primero / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio				
	11.8	1.63	2.36	5700
Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück Elément interm. de fleche / Spezzone di braccio				
	2 3 4 5 6 7 8 9 10 11 12	5.35 5.35 6.55 5.3 5.3 5.26 5.25 5.21 5.18 5.15 5.11	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	2.30 2.30 2.30 2.30 1.84 1.84 1.84 1.42 1.42 1.42 1.42
Gancho, Carro y Puntera / Hook, Trolley and jib head / Lasthaken - Laufkatze-Cabeça de Lança Crochet - Chariot-Pointe de fleche / Gancio - Carrello e Punta freccia				
	2.44 1.24 0.93	1.65 0.64 1.7	1.58 1.75 1.42	390 750 200
Contrapluma 1 / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio				
	5.00	1.90	2.32	2600
Contrapluma 2 / 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				
	A B	3.5 1.83	1.25 1.25	0.29 0.29
Elemento de empotre / Foundation anchor / Fundamentanker / Pieds de scellement El annegare				
	S60/8 S60/R16 S70/8 S70R/16 S75R16/20 S75R16/22 S75R16/26 S75R24/26 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 0.35 0.5 0.5 0.5 2.34	1,6 1,6 1,6 1,6 1.6 2 2.4 2.4 0.8

					L(m)	W(m)	H(m)	Peso(Kg)	
Elemento de torre / Tower section / Turmstück / Élément de mât / Elemento di torre 					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
					M	11,8	1,85	1,85	5798
					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
Viga principal base C60HB / 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 C60HB / 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	
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	
Cabina y soporte / Cabin and platform / Kabine und wartungs / Cabine et support / Cabina e supporto 					3,00	1,15	2,35	558	

					L(m)	W(m)	H(m)	Peso(Kg)	
Base C60T / Crossbase C60T / Fundamentkreuz C60T / Châsis C60T / Carro base C60T									
					9	0.72	0.83	2604	
					4.38	0.67	0.83	930	
					5.38	0.28	0.28	560	
					6	2.27	2.29	5900	
					0.65	0.65	0.45	315	
Bloque lastre de base C60T / Base ballast block / Grundballastblöcke / Bloc de lest de base Blocco di zavorra alla base									
					A	5.8	1.5	0.43	8000
					B	4	1.5	0.43	4900
					C	3.5	1.5	0.43	4200
Unidad de rotacion O / Complete slewing unit / Drehbühne / Orientation / Rotazione									
					2.22	1.64	3.28	1950	
					2.30	2.30	1.83	5600	
					2.30	2.30	4.43	6950	
Jaula de telescopaje tipo O / Climbing cage type K / Hydraulikbühne Cage de telescopage type K / Gabbia di montaggio K / ?????????? ??????									
					O-2.95	7,35	2,6	2,6	7200
Completa / Full / Vollständige/Complete / completa / ??????					O-2.95				5440
Estructura / Steel frame / Struktur/ Construction / Struttura / ??????????					O-2.95				1760
Hidraulico y accesorios / Hydraulic and accessories/ Hydraulik-und Zubehör hydraulique et accessoires / idrauliche ed accessori / ?????????????????? ? ????????????					O-2.95				
Tramo trepador Ot / Tower element / Turmstück Élément de mât / Elemento di torre monolitico									
					2.95	2.27	2.27	1617	
					11.8	2.27	2.27	5142	
Marco trepado externo O / Tie-frame / Cadre d'encrage externe / Sopralzo con ancoraggio esterno / ????? ???? ???? ???? ???? ???? ??									
					2.71	2.71	0.26	1240	


40" HC x 8 - HBG 36mt

x 8 - HBG 36.9 mt