



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

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	16,4	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
	10	15	20	25	30	35	40	45	50	55	60	60	60	m
	4000	4000	4000	4000	4000	4000	3500	3050	2690	2390	2150	2150	2150	Kg
55 m	10	15	20	25	30	34,2	35	40	45	50	55	60	60	m
	4000	4000	4000	4000	4000	4000	3890	3320	2880	2520	2240	2000	2000	Kg
	10	15	18,6	20	25	30	35	40	45	50	55	60	60	m
	4000	4000	4000	4000	4000	4000	4000	3680	3200	2810	2500	2500	2500	Kg
50 m	10	15	20	25	30	35	37,7	40	45	50	55	55	55	m
	4000	4000	4000	4000	4000	4000	4000	3860	3360	2970	2650	2650	2650	Kg
	10	15	20	25	30	35	37,3	40	45	50	55	55	55	m
	4000	4000	4000	4000	4000	4000	4000	4000	3680	3200	2810	2500	2500	Kg
45 m	10	15	20	25	30	35	40	40,7	45	50	50	50	50	m
	4000	4000	4000	4000	4000	4000	4000	4000	3560	3150	3150	3150	3150	Kg
	10	15	20	25	30	35	39,3	40	45	50	50	50	50	m
	4000	4000	4000	4000	4000	4000	4000	4000	3920	3410	3000	3000	3000	Kg
40 m	10	15	20	25	30	35	40	41,5	45	45	45	45	45	m
	4000	4000	4000	4000	4000	4000	4000	4000	3650	3650	3650	3650	3650	Kg
	10	15	20	25	30	35	40	40,1	45	45	45	45	45	m
	4000	4000	4000	4000	4000	4000	4000	4000	4000	3500	3500	3500	3500	Kg
35 m	10	15	20	25	30	35	40	45	45	45	45	45	45	m
	4000	4000	4000	4000	4000	4000	4000	4000	4020	3500	3500	3500	3500	Kg
	10	15	20	25	30	35	40	40	40	40	40	40	40	m
	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	Kg
30 m	10	15	20	22	25	30	35	40	40	40	40	40	40	m
	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	Kg
	10	15	20	22,6	25	30	35	40	40	40	40	40	40	m
	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	Kg
30 m	10	15	20	25	30	35	40	40	40	40	40	40	40	m
	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	Kg
	10	15	20	23,1	25	30	35	40	40	40	40	40	40	m
	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	Kg
30 m	10	15	20	25	30	35	40	40	40	40	40	40	40	m
	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	Kg
	10	15	20	23,2	25	30	35	40	40	40	40	40	40	m
	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	Kg

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

	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		

## Mecanismos- Mechanisms- Antriebe- Mécanismes- Meccanismi - Приводы

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

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

\* 30 Hp (22Kw) - INV-5V  
400 V / 50-60 Hz  
H.B.G 88Mts S/R Ø12  
H.B.G LEBUS 196Mts S/R Ø12

		m/min										
			0-6.3	0-29	0-34	0-51	0-71	0-3.1	0-14.5	0-17	0-25.5	0-35.5
176 m		Kg	4000	4000	3000	2000	1250	8000	8000	6000	4000	2500
LEBUS 392 m		Kw	22	22	22	22	22	22	22	22	22	22

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

\* Opcional / Optional / Opzionale /

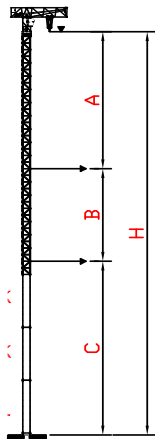
- Elevación / Hoisting / Heben / Levage / Sollevamento
- Distribución / Trolleying / Katzfahren / Distribution / Distribuzione
- Orientación / Slewing / Schwenken / Orientation / Rotazione
- Traslacion / Travelling / Schienenfahren / Translation / Traslazione
- Cable / Rope / Seil / Câble / Fune

 2009/14/CEE 2005/88/CEE	 2006/95 /CEE	400 V 50 Hz	100m 4x35mm <sup>2</sup>	<table border="1"> <tr><td>GENERADOR</td></tr> <tr><td>150 kVA</td></tr> </table>	GENERADOR	150 kVA	<table border="1"> <tr><td>POTENCIA INSTALADA</td></tr> <tr><td>60 KW</td></tr> </table>	POTENCIA INSTALADA	60 KW
GENERADOR									
150 kVA									
POTENCIA INSTALADA									
60 KW									

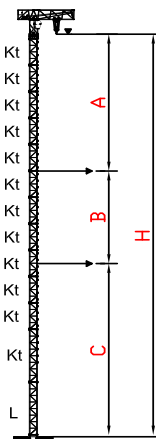
 2009/14/CEE 2005/88/CEE	 2006/95 /CEE	380 V 60 Hz	100m 4x35mm <sup>2</sup>	OPCIONAL	
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## Proceso de trepado- External climbing- Kletterkrane- Telescopable- Sopralzo idraulico - Процесс наращивания крана

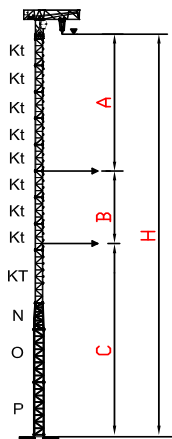
C25 TREPADO EXTERNO / EXTERNAL CLIMBING / GEANKERTER KRAN /  
GRUE ANDRÉE / GRU ANCORATA / ВОСХОЖДЕНИЕ Экстерно



	MONOBLOCK K/2,95m
	MTS
A max.	30.6
B max.	20.6
C max.	44.5
Hi max.	54.4
H max. C+B+A	95.7
H max. C+B+B+A	116.3 / (i)



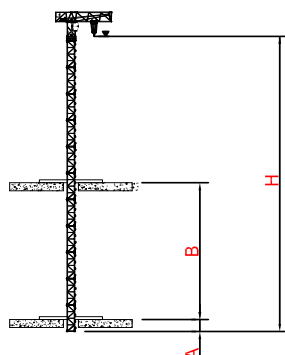
PAGINA 4 *1	MONOBLOCK K/5,9m
	MTS
A max.	30.6
B max.	17.7
C max.	40.1
Hi max.	54.4
H max. C+B+A	88.4
H max. C+B+B+A	106.1 / (i)



PAGINA 4 *2	MONOBLOCK K/5,9m
	MTS
A max.	30.6
B max.	17.7
C max.	52
Hi max.	66.2
H max. C+B+A	100.3
H max. C+B+B+A	118 / (i)

(i) Consultarnos-Consultateci-Consult us-Nous consulter-Auf anfrage

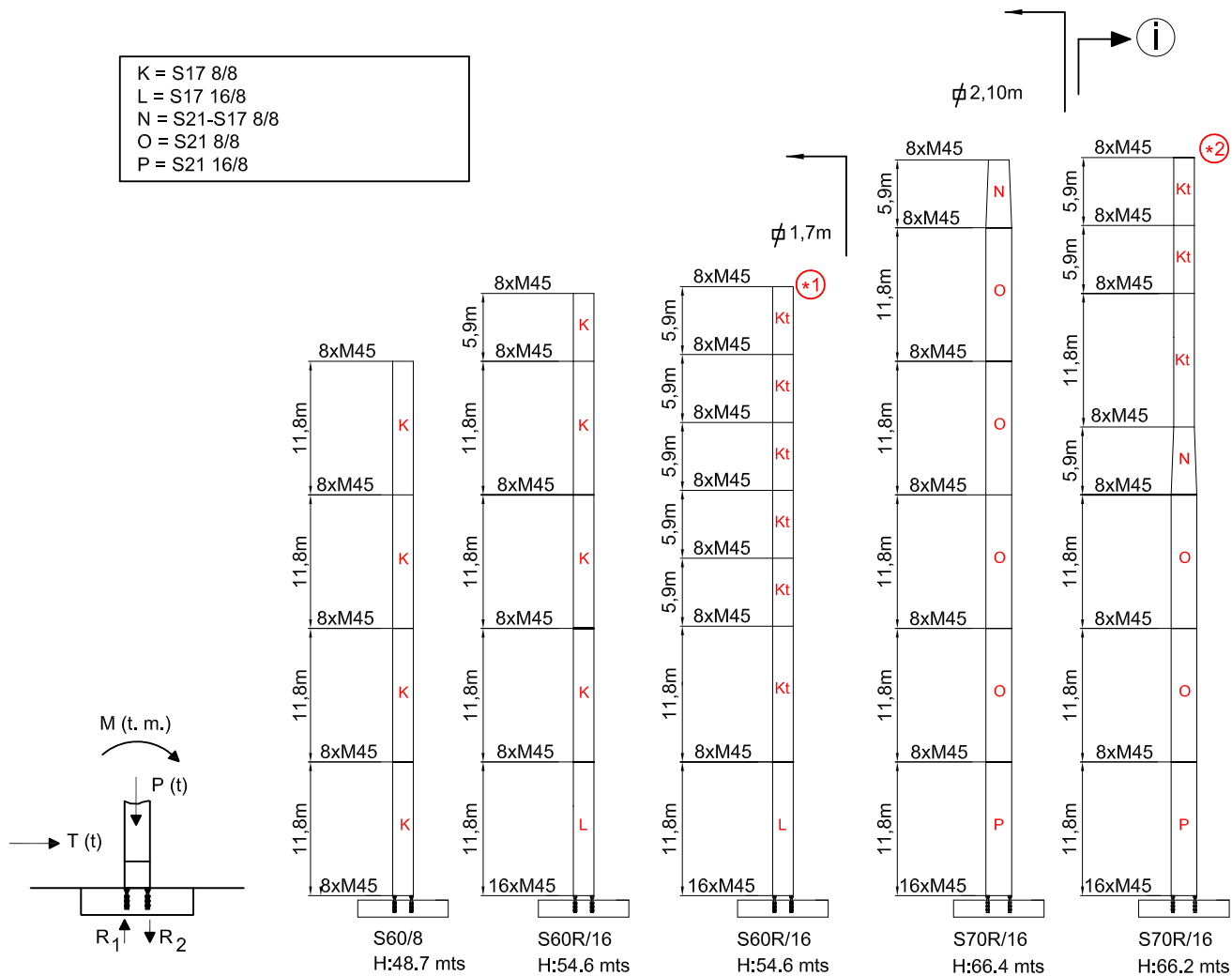
TREPADO INTERNO / BOTTOM CLIMBING CRANE / KLETTERRANE IM  
GEBÄUDE / TÉLESCOPAGE SUR DALLES / GRU CLIMBING /  
ВНУТРЕННИЙ ПРОЦЕСС ТЕЛЕСКОПИРОВАНИЯ



(i) Consultarnos-Consultateci-Consult us-Nous consulter-Auf anfrage

FEM 1005-C25-C50-D50 / EN 14439- Mástil / Reacciones- Masts / Reactions- Maste / 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



C25	H (m)	25,1	31	36,9	42,8	48,7	51,7	54,6	63,5	66,4
	M (T·m)	232,4	281,3	352	419,6	518,3	564,5	615,2	708,9	764,2
	T (t)	6,2	7,4	8,8	9,7	11,2	11,6	12,3	17	17,5
	P (t)	45,3	51,4	53,5	55,6	57,7	58,9	62,8	83,9	85,5
	R <sub>1</sub> (t)	98,2	119,7	152,5	184	223	251,3	274,2	238,6	258,2
	R <sub>2</sub> (t)	-120,8	-145,4	-179,2	-211,7	-258,7	-280,8	-305,7	-275,5	-296

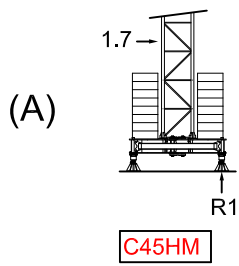
C50	H (m)	25,1	31	36,9	42,8	48,7	51,7	54,6	60,5	
	M (T·m)	236,1	301,7	389,4	473,5	595,4	668,8	703,5	850,6	
	T (t)	8,1	9,5	11,2	12,3	14,1	14,6	15,7	17,5	
	P (t)	55,4	57,6	59,8	62	64,2	65,2	67,5	70	
	R <sub>1</sub> (t)	97,4	127,8	168,5	207,6	264,5	291,2	238,2	291	
	R <sub>2</sub> (t)	-125,1	-156,6	-198,5	-238,7	-296,7	-331	-272	-326	

D50	H (m)	25,1	31	36,9	42,8	45,7	48,7	51,7		
	M (T·m)	311,4	392,2	502,8	594	654,8	744	810,8		
	T (t)	10,2	11,9	14,2	16	16,8	18,7	19,5		
	P (t)	52,2	54,4	56,6	62	63,3	63,7	66,4		
	R <sub>1</sub> (t)	133,7	171,2	222,8	264,5	292,8	253	277,3		
	R <sub>2</sub> (t)	-159,8	-198,4	-251,2	-295,5	-324,4	-285	-310,6		



Consultarnos-Consultateci-Consult us-Nous consulter-Auf anfrage  
 Другие высоты подъема и наращивание крана по запросу

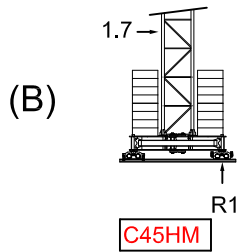
**FEM 1005-C25-C50-D50 / EN 14439- Bloque lastre de base- Base ballast block- Grundba-  
lastblöcke - Bloc de lest de base- Blocco di zavorra alla base - Балласты опорной рамы**



C25	H (m)	26.2 m	29.1 m	32.1 m	35 m	38 m	40.9 m	43.9 m	46.8 m
	R1 (t)	63.1 t	65.9 t	69.8 t	73.7 t	77.9 t	90.1 t	103.3 t	125.3 t
	Z (t)	68.4 t	68.4 t	76 t	76 t	83.6 t	98.8 t	106.4 t	121.6 t

C50	H (m)	26.2 m		32.1 m		38 m		43.9 m	
	R1 (t)	63.6 t		70.9 t		95.9 t		126.1 t	
	Z (t)	68.4 t		76 t		98.8 t		121.6 t	

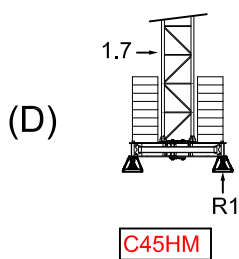
D50	H (m)	26.2 m		32.1 m		38 m			
	R1 (t)	64 t		90.4 t		132 t			
	Z (t)	68.4 t		83.6 t		114 t			



C25	H (m)	26 m	28.9 m	31.9 m	34.8 m	37.8 m	40.7 m	43.7 m	46.6 m
	R1 (t)	63.1 t	65.9 t	69.8 t	73.7 t	77.9 t	90.1 t	103.3 t	125.3 t
	Z (t)	68.4 t	68.4 t	76 t	76 t	83.6 t	98.8 t	106.4 t	121.6 t

C50	H (m)	26 m		31.9 m		37.8 m		43.7 m	
	R1 (t)	63.6 t		70.9 t		95.9 t		126.1 t	
	Z (t)	68.4 t		76 t		98.8 t		121.6 t	

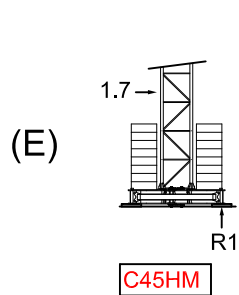
D50	H (m)	26 m		31.9 m		37.8 m			
	R1 (t)	64 t		90.4 t		132 t			
	Z (t)	68.4 t		83.6 t		114 t			



C25	H (m)	26.7 m	29.6 m	32.6 m	35.5 m	38.5 m	41.3 m	44.4 m	47.3 m
	R1 (t)	63.1 t	65.9 t	69.8 t	73.7 t	77.9 t	90.1 t	103.3 t	125.3 t
	Z (t)	68.4 t	68.4 t	76 t	76 t	83.6 t	98.8 t	106.4 t	121.6 t

C50	H (m)	26.7 m		32.6 m		38.5 m		44.4 m	
	R1 (t)	63.6 t		70.9 t		95.9 t		126.1 t	
	Z (t)	68.4 t		76 t		98.8 t		121.6 t	

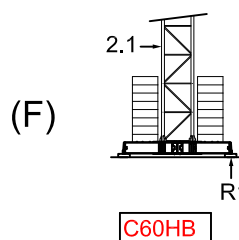
D50	H (m)	26.7 m		32.6 m		38.5 m			
	R1 (t)	63.6 t		70.9 t		95.9 t			
	Z (t)	68.4 t		76 t		98.8 t			



C25	H (m)	25.9 m	28.8 m	31.8 m	34.7 m	37.7 m	40.6 m	43.6 m	46.5 m
	R1 (t)	63.1 t	65.9 t	69.8 t	73.7 t	77.9 t	90.1 t	103.3 t	125.3 t
	Z (t)	68.4 t	68.4 t	76 t	76 t	83.6 t	98.8 t	106.4 t	121.6 t

C50	H (m)	25.9m		31.8 m		37.7 m		43.6 m	
	R1 (t)	63.6 t		70.9 t		95.9 t		126.1 t	
	Z (t)	68.4 t		76 t		98.8 t		121.6 t	

D50	H (m)	25.9 m		31.8 m		37.7 m			
	R1 (t)	63.6 t		70.9 t		95.9 t			
	Z (t)	68.4 t		76 t		98.8 t			

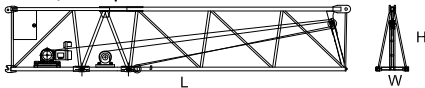
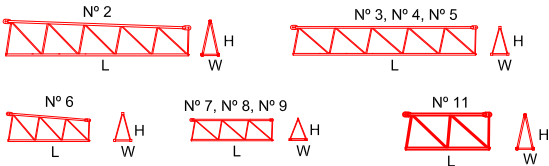
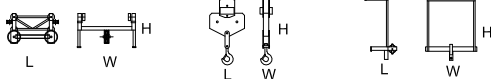
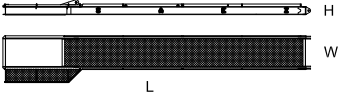
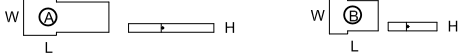
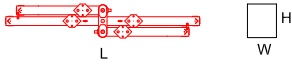

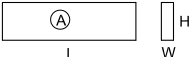


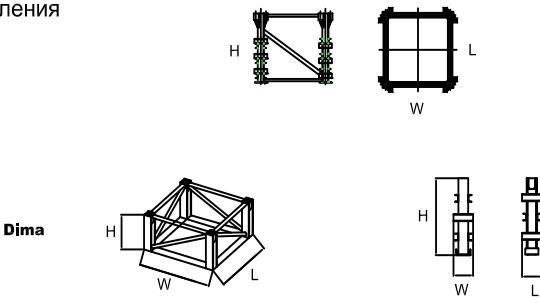
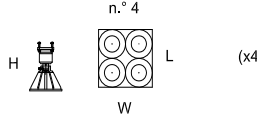
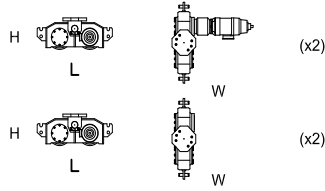
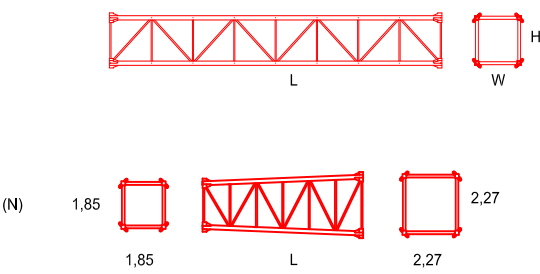
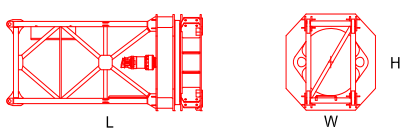

C25	H (m)	18.9 m	25.8 m	31.7 m	37.6 m	43.5 m	49.4 m	52.4 m	
	R1 (t)	44 t	46.2 t	52 t	59.8 t	77.7 t	104 t	115.8 t	
	Z (t)	53.2 t	60.8 t	68.4 t	76 t	83.6 t	98.8 t	106.4 t	





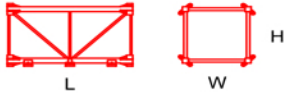
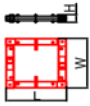
C50	H (m)	18.9 m	25.8 m	31.7 m	37.6 m	43.5 m	49.4 m		
	R1 (t)	44.4 t	46.5 t	52.2 t	66.8 t	87.8 t	118 t		
	Z (t)	53.2 t	60.8 t	68.4 t	76 t	83.6 t	98.8 t		

D50	H (m)	18.9 m	25.8 m	31.7 m	37.6 m	43.5 m			
	R1 (t)	44.9 t	46.8 t	73 t	92 t	119.6 t			
	Z (t)	53.2 t	60.8 t	76 t	83.6 t	91.2 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)	
<b>Pluma tramo primero</b> / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio/ Корневая секция стрелы 	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 / Промежуточная секция стрелы 	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 1.8 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 / Крюк и грузовая тележка 	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/ Консоль противовеса 	11.94	1.8	0.6	2575	
<b>Bloque de contrapeso</b> / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso / Плита противовеса 	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 / Плиты балласта опорной рамы 	440	0.3	1.2	3800	

	L(m)	W(m)	H(m)	Peso(Kg)	
<p><b>Elemento de empotre</b> / Foundation anchor / Fundamentanker / Pieds de scellement El anegare / Анкерные крепления</p>  <p>Dima</p>	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	0,35	1,6	1200
	S75R16/22 0.5	0,5	0,5	2	2840
	S75R16/26 0.5	0,5	0,5	2,4	3160
	S75R24/26 0.5	0,5	0,5	2,4	3400
Dima	2,31	2,34	0,8	1650	
<p><b>Niveladores</b> / Levellers / Spindel pyramide / Niveleurs / Piedi regolabile</p>  <p>n.º 4</p>	1,20	1,20	0,90	250	
<p><b>Traslacion</b> / Travelling bogies / Kranfahren / Traslation / Traslazione</p>  <p>(x4)</p> <p>(x2)</p> <p>(x2)</p>	1,15	1,25	0,45	505	
	1,15	0,25	0,45	450	
<p><b>Elemento de torre</b> / Tower section / Turmstück / Elément de mât / Elemento di torre / Башенные секции</p>  <p>(N) 1,85</p> <p>1,85</p> <p>2,27</p> <p>2,27</p>	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
<p><b>Unidad de rotacion</b> / Complete slewing unit / Drehbühne / Partie tournante / Unità di rotazione Оголовок башни</p>  <p>L</p> <p>W</p> <p>H</p>	4,40	2,00	2,00	6600	
<p><b>Bloque apoyo de base</b> / Base support block / Grundballastblöcke / Bloc de appui de base Blocco di appoggio alla base</p>  <p>L</p> <p>W</p> <p>H</p>	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 / Кабина с основой 	3,00	1,15	2,35	558
<b>Viga principal base C60HB</b> / Main base beam / Hauptträger für fundamentkreuz Poutre de châssis de base / Trave principale della base/ Несущая балка опорной рамы C60HB 	8,65	0,78	0,92	4300
<b>Semiviga secundaria base C60HB</b> / Half base beam / Halbträger für fundamentkreuz Semipoutre de châssis de base / Semitrave secundaria della base Вспомогательная балка опорной рамы 	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 / Монтажная обойма  <b>Completa</b> / Full / Vollständige/Complete / completa / полный 	<b>K-2.95</b> 7,35 <b>K-5.9</b> 11.2	2,1	2,1	6400 8000
<b>Estructura</b> / Steel frame / Struktur/ Construction / Struttura / структура  <b>Hidraulico y accesorios</b> / Hydraulic and accessories/ Hydraulik-und Zubehör hydraulique et accessoires / idrauliche ed accessori / Гидравлические и аксессуары	<b>K-2.95</b> <b>K-5.9</b>			4890 6490
<b>Tramo trepador Kt</b> / Tower element / Turmstück Élément de mât / Elemento di torre monolitico 	2.95 5.9 11.8	1,85	1,85	1475 2572 4750
<b>Marco trepado externo</b> / Tie-frame / Cadre d'encrage externe / Sopralzo con ancoraggio esterno / ВНЕШНЯЯ РАМКА ПРИСТЕЖКИ 	2.31	2.31	0.26	950


**40" HC x 6 - HBG 36.9 mt**

**x 6 - HBG 36.9 mt**


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