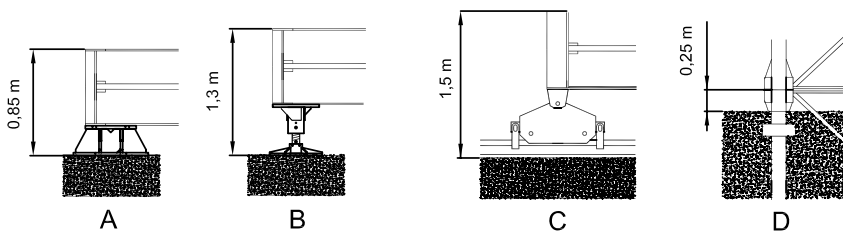
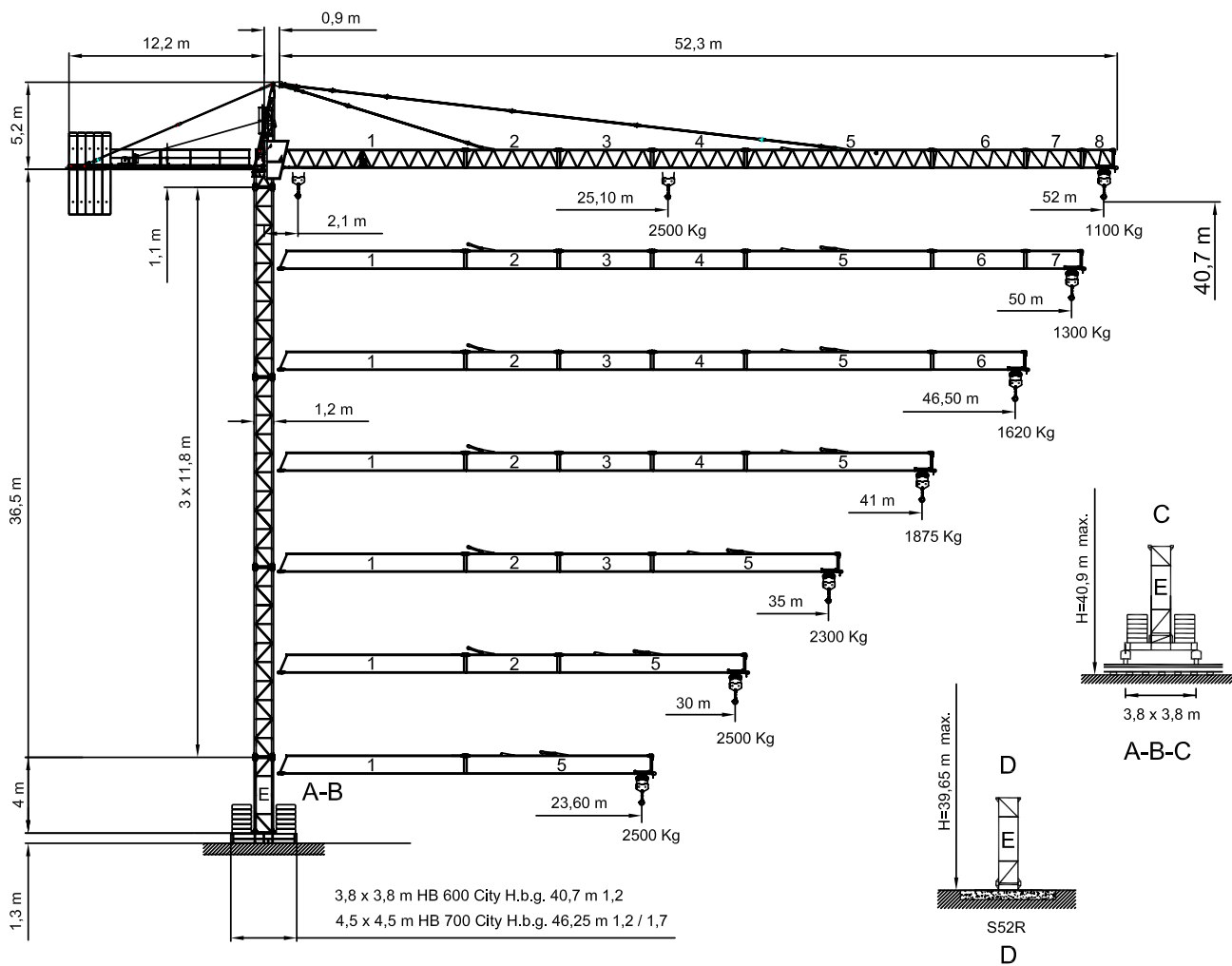
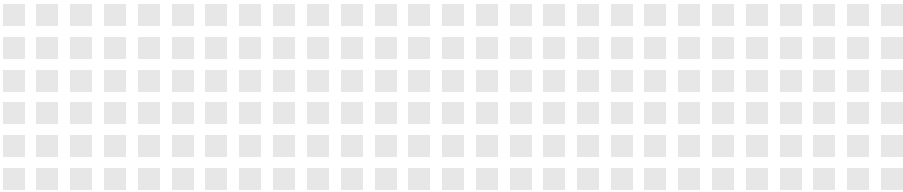


S52 4T





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

52 m 	18	20	23,6	24	25,1	26	28	30	33	35	37	39	41	44	46,5	48	50	52	m	
	2500	2500	2500	2500	2500	2400	2215	2055	1850	1730	1625	1535	1450	1335	1270	1210	1150	1100	Kg	
	9	12	15	15,5	18	21	23,6	27	30	33	35	38	41	44	46,5	48	50	52	m	
	4000	4000	4000	4000	3400	2870	2590	2160	1900	1700	1580	1430	1300	1190	1120	1060	1000	950	Kg	
50 m 	18	20	23,6	24	26	27,8	28	30	33	35	37	39	41	44	46,5	48	50		m	
	2500	2500	2500	2500	2500	2500	2480	2300	2075	1945	1825	1725	1630	1505	1430	1365	1300		Kg	
	9	12	15	17,2	18	21	23,6	27	30	33	35	38	41	44	46,5	48	50		m	
	4000	4000	4000	4000	3815	3220	2900	2430	2150	1925	1795	1625	1480	1355	1280	1215	1150		Kg	
46.5 m 	18	20	23,6	24	26	28	30	31,1	33	35	37	39	41	44	46,5				m	
	2500	2500	2500	2500	2500	2500	2500	2500	2335	2190	2065	1945	1840	1705	1620				Kg	
	9	12	15	18	19,2	21	23,6	27	30	33	35	38	41	44	46,5				m	
	4000	4000	4000	4000	4000	3635	3290	2750	2440	2190	2040	1850	1690	1555	1470				Kg	
41 m 	18	20	23,6	24	26	28	30	31,5	33	35	37	39	41						m	
	2500	2500	2500	2500	2500	2500	2500	2500	2380	2230	2100	1980	1875						Kg	
	9	12	15	18	19,5	21	23,6	27	30	33	35	38	41						m	
	4000	4000	4000	4000	4000	3700	3350	2800	2490	2230	2080	1890	1725						Kg	
35 m 	18	20	23,6	24	26	28	30	32,4	33	35									m	
	2500	2500	2500	2500	2500	2500	2500	2500	2450	2300									Kg	
	9	12	15	18	20,1	21	23,6	27	30	33	35								m	
	4000	4000	4000	4000	4000	3815	3450	2890	2570	2300	2150								Kg	
30 m 	18	20	23,6	24	26	28	30												m	
	2500	2500	2500	2500	2500	2500	2500												Kg	
	9	12	15	18	19,6	21	23,6	27	30										m	
	4000	4000	4000	4000	4000	3720	3360	2815	2500										Kg	
23.6 m 	18	20	23,6																m	
	2500	2500	2500																Kg	
	9	12	15	18	18,1	21	23,6												m	
	4000	4000	4000	4000	4000	3415	3000												Kg	

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

	52 m			50 m			46,5 m			41 m		
	A	B	C	A	B	C	A	B	C	A	B	C
	5	-	-	5	-	-	5	-	-	4	-	1
	11500 Kg			11500 Kg			11500 Kg			10050 Kg		
	35 m			30 m			23,6 m					
	A	B	C	A	B	C	A	B	C			
	3	1	-	3	-	-	2	-	-			
	8300 Kg			6900 Kg			4600 Kg					

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Mecanismos- Mechanisms- Antriebe- Mécanismes- Meccanismi - Приводы

(SF19)25 Hp (18,5 Kw) 3V H.B.G. 84 S/R Ø10mm								
		m/min	8	31	62	4	16	31
		Kg	2500	2500	1500	4000	4000	2600
		Kw	18,5	18,5	18,5	18,5	18,5	18,5
		m/min	30 / 60			30 / 60		
		Kw	3			3		
		r.p.m	0,3	0,6	0,9	0,3	0,6	0,9
		Nm	2x55			2x55		
		m/min	20			20		
		Kw	2 x 2,2			2 x 2,2		

* (SF19INV)25 Hp (18,5 Kw) INV
H.B.G. 94 S/R Ø10mm

								
		m/min	8	31	62	4	16	31
		Kg	2500	2500	1500	4000	4000	2600
		Kw	18,5	18,5	18,5	18,5	18,5	18,5

 2000/14/CEE 2005/88/CEE	 2006/95 /CEE	400 V 50 Hz	* 460 V 60 Hz	* 25 Hp (18,5 Kw) 31 Kw / 120 kVA 15 Hp (11,5Kw) 3V 24 Kw / 90 kVA
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	25 m	50 m	100 m
15 Hp (11,5 KW) 3V	4 x 16 mm ²	4 x 16 mm ²	4 x 25 mm ²
25 Hp (18,5 KW) 3V	4 x 25 mm ²	4 x 25 mm ²	4 x 25 mm ²
25 Hp (18,5 KW) INV	4 x 25 mm ²	4 x 25 mm ²	4 x 25 mm ²

* 15 Hp (11,5Kw) 3V
H.B.G. 84 S/R Ø10mm

					
		m/min	8	29	58
		Kg	2500	2500	1000
		Kw	11,5	11,5	11,5
		m/min	30 / 60		
		Kw	3		
		r.p.m	0,3	0,6	0,9
		Nm	2 x 55		
		m/min	20		
		Kw	2 x 2,2		

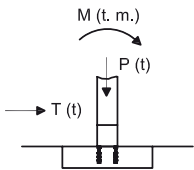
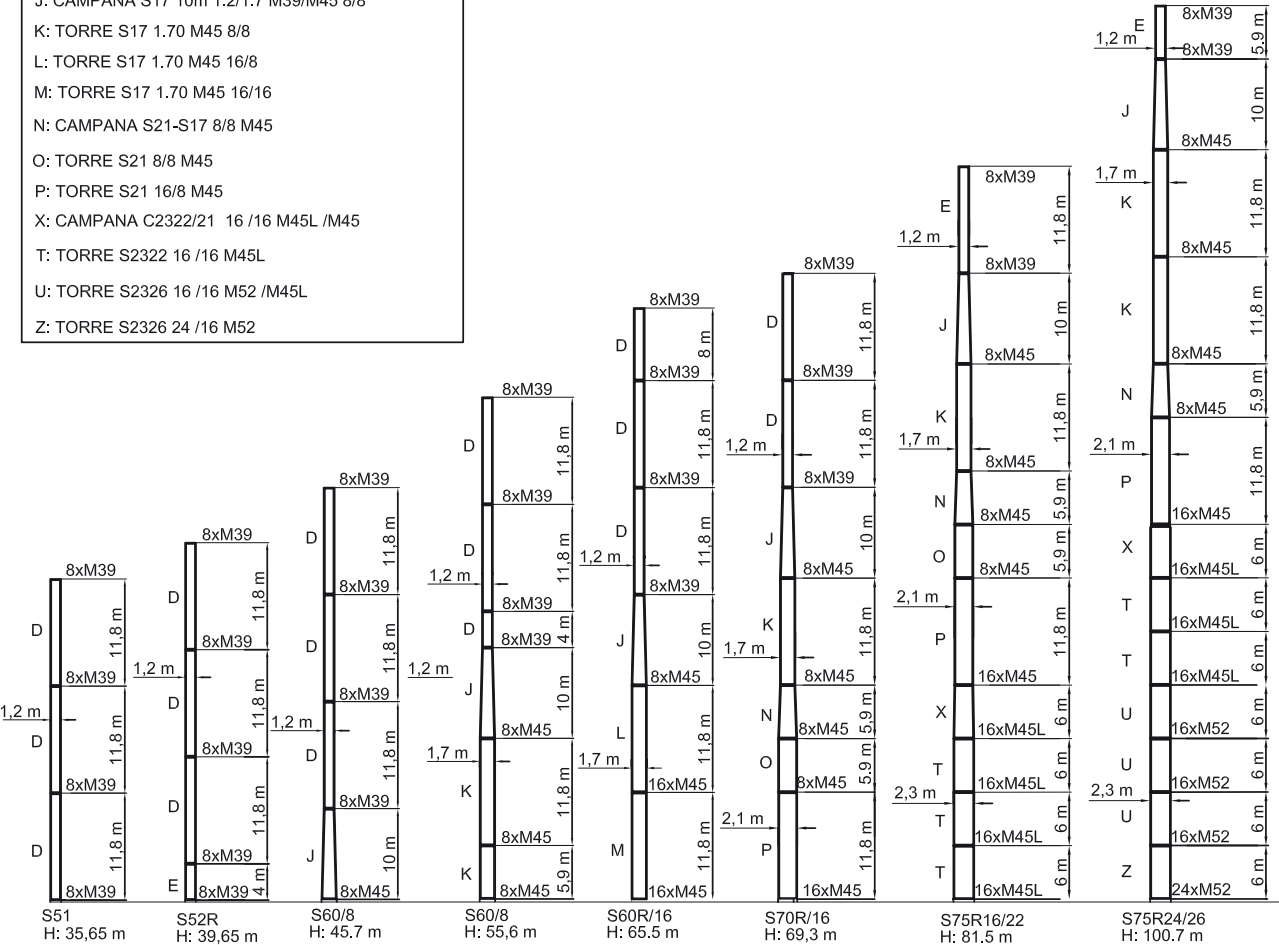
 2000/14/CEE 2005/88/CEE	 2006/95 /CEE	400 V 50 Hz	* 460 V 60 Hz	* 15 Hp (11.5 Kw) 3V 24 KW / 90 kVA
---	---	----------------	------------------	--

	25 m	50 m	100 m
15 Hp (11.5 KW) 3V	4 x 16 mm ²	4 x 16 mm ²	4 x 25 mm ²

- * Opcional / Optional / Opzionale / Опция
-  Elevación / Hoisting / Heben / Levage / Sollevamento / Механизм подъема
-  Distribución / Trolleying / Katzfahren / Distribution / Ditribuzione / Передвижения грузовой тележки
-  Orientación / Slewing / Schwenken / Orientation / Rotazione/ Механизм поворота
-  Traslación / Travelling / Schienenfahren / Translation / Traslazione / Механизм передвижения

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

- C: TORRE S/TL 36-41-46-40-45 1.20 M39/M39
D: TORRE S/TL 50-52 1.20 M39/M39 8/8
E: TORRE TL 55 1.20 M39/M39 8/8
J: CAMPANA S17 10m 1.2/1.7 M39/M45 8/8
K: TORRE S17 1.70 M45 8/8
L: TORRE S17 1.70 M45 16/8
M: TORRE S17 1.70 M45 16/16
N: CAMPANA S21-S17 8/8 M45
O: TORRE S21 8/8 M45
P: TORRE S21 16/8 M45
X: CAMPANA C2322/21 16 /16 M45L /M45
T: TORRE S2322 16 /16 M45L
U: TORRE S2326 16 /16 M52 /M45L
Z: TORRE S2326 24 /16 M52

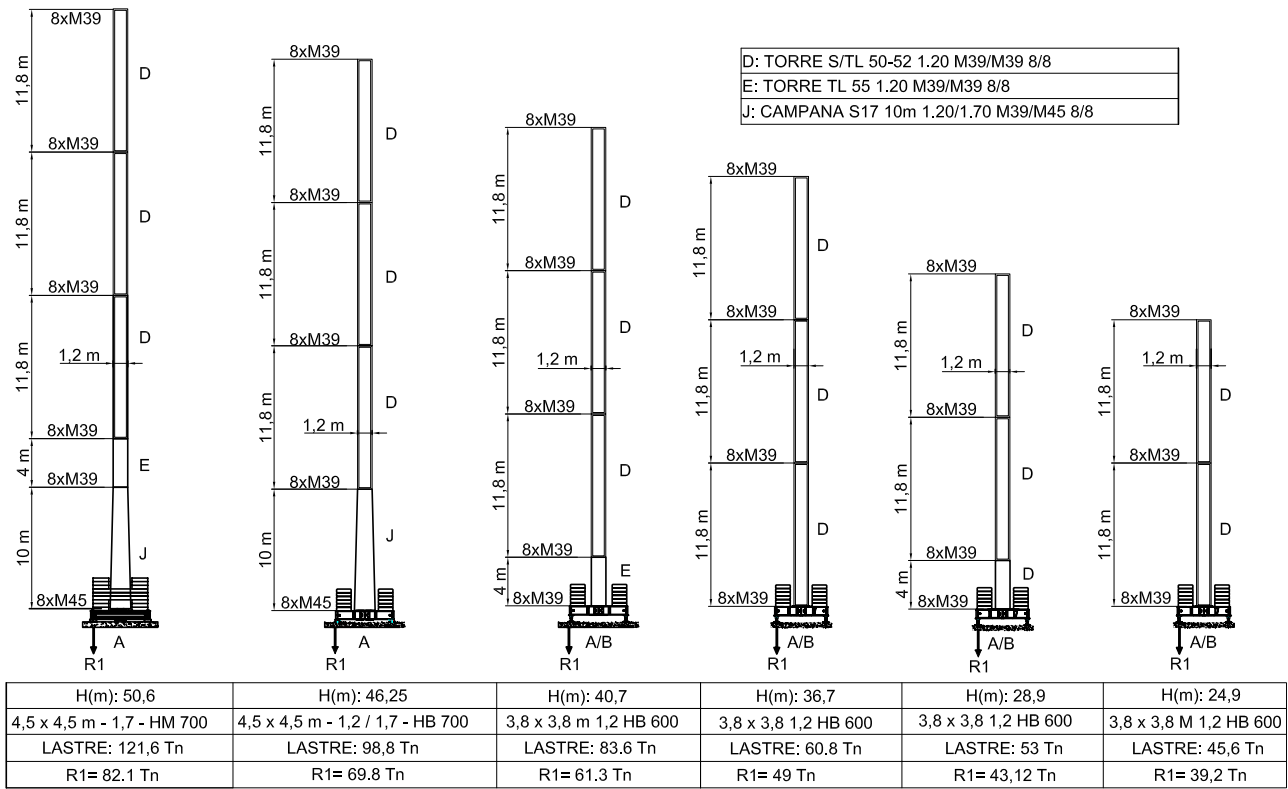


H (m)	23.8	35.6	39.7	45.7	49.7	53.7	57.5
M (T·m)	106.4	160	197.4	262	318	355.2	409
T (t)	4.9	6.5	7.1	8.2	8.9	9.4	10.1
P (t)	19	21.5	22.6	25.1	26.8	27.7	29.8

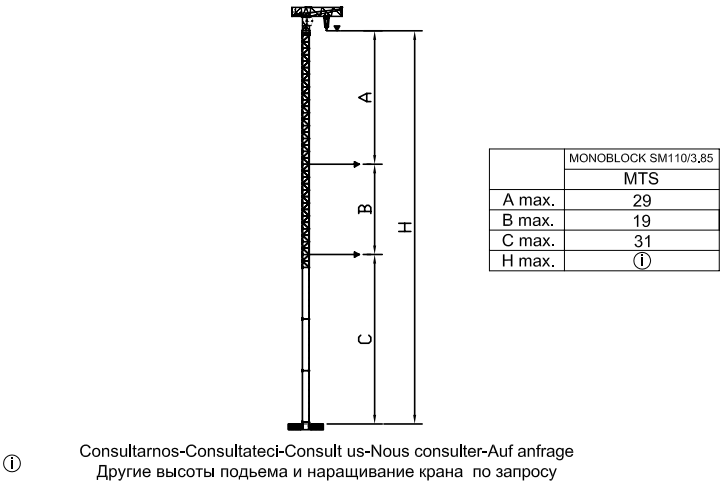
H (m)	99.4	91.6	80.9	75.2	69.3	65.2	63.4
M (T·m)	1350	1170	830	694	594	520	493.2
T (t)	23	20.5	16.5	15	13.5	12.4	11.1
P (t)	76	69	54.4	50	45	39.7	33.2

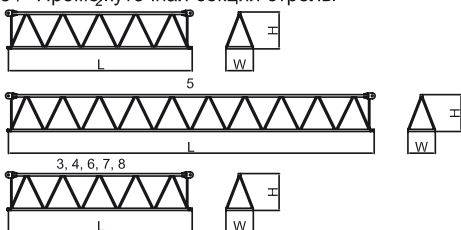
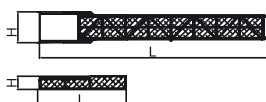
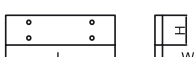
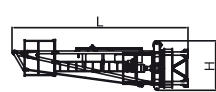
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FEM 1005-C25 / EN 14439- Bloque lastre de base- Base ballast block- Grundballastblöcke - Bloc de lest de base- Blocco di zavorra alla base - Балласты опорной рамы

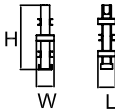
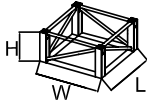
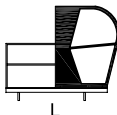
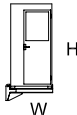


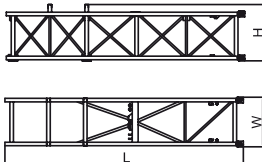
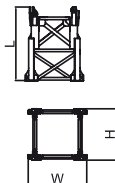
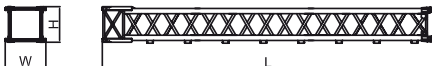
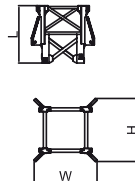
Proceso de trepado- External climbing- Kletterkrane- Telescopable- Sopralzo idraulico - Процесс наращивания крана



	L(m)	W(m)	H(m)	Peso(Kg)	
Pluma tramo primero / First jib section/Ausleger-Anlenkstück / Pied de flèche /Settore articolato di braccio / Корневая секция стрелы	11.85	1,04	1.3	982	
					
Elemento intermedio de pluma /Intermediate jib section / Ausleger-Zwischenstück Elément interm. de flèche / Spezzone di braccio / Промежуточная секция стрелы	2 3 4 5 6 7 8	5,94 5,94 5,94 11,74 5,14 3,64 2	0,95 0,95 0,95 0,95 0,95 0,95 0,95	1,32 1,22 1,22 1,32 1,22 1,22 1,22	465 475 450 915 328 225 142
					
Contrapluma / Counter-jib/Gegenausleger / Contre-flèche/Controbraccio / Консоль противовеса	11.5 4.05	0.26 0.33	1.48 0.58	1480 96	
					
Bloque de contrapeso / Counterweight blocks/Gegengewichtsblöcke / Bloc de contrepoids Blocco di contrappeso / Плита противовеса	A B C	2,94 2,94 1,70	0,30 0,18 0,18	1,25 1,25 1,25	2300 1400 850
					
Bloque lastre de base / Base ballast block/Grundballastblöcke / Bloc de lest de base Blocco di zavorra alla base / Плиты балласта опорной рамы	4,4	1,2	0,3	3800	
					
Gancho y Carro / Hook and Trolley/Lasthaken - Laufkatze / Crochet - Chariot Gancio e Carrello / Крюк и грузовая тележка	0,75 0,96	0,12 1,10	1,40 0,62	164 118	
					
Cabeza de torre / Tower head/Turmspitze / Porte - flèche/Testa di torre / Оголовок башни	6,5	1,8	1,7	3504	
					

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Elemento de torre / Tower section/Turmstück / Elèment de mât Elemento di torre / Башенные секции 	<table><tr><td>D</td><td>11,8</td><td>1,2</td><td>1,38</td><td>3017</td></tr><tr><td>D</td><td>8</td><td>1,2</td><td>1,38</td><td>2075</td></tr><tr><td>D</td><td>5,9</td><td>1,2</td><td>1,38</td><td>1560</td></tr><tr><td>D</td><td>4</td><td>1,2</td><td>1,38</td><td>1100</td></tr><tr><td>E</td><td>11,8</td><td>1,2</td><td>1,38</td><td>3782</td></tr><tr><td>E</td><td>8,0</td><td>1,2</td><td>1,38</td><td>2654</td></tr><tr><td>E</td><td>5,9</td><td>1,2</td><td>1,38</td><td>2090</td></tr><tr><td>E</td><td>4,0</td><td>1,2</td><td>1,38</td><td>1527</td></tr><tr><td>J</td><td>10</td><td>1,85</td><td>1,38</td><td>3520</td></tr><tr><td>K</td><td>11,8</td><td>1,85</td><td>1,85</td><td>4600</td></tr><tr><td>K</td><td>5,9</td><td>1,85</td><td>1,85</td><td>2472</td></tr><tr><td>K</td><td>3</td><td>1,85</td><td>1,85</td><td>1425</td></tr><tr><td>L</td><td>11,8</td><td>1,85</td><td>1,85</td><td>5520</td></tr><tr><td>M</td><td>11,8</td><td>1,85</td><td>1,85</td><td>5670</td></tr><tr><td>N</td><td>5,9</td><td>2,27</td><td>2,27</td><td>3500</td></tr><tr><td>O</td><td>11,8</td><td>2,27</td><td>2,27</td><td>5044</td></tr><tr><td>O</td><td>5,9</td><td>2,27</td><td>2,27</td><td>2640</td></tr><tr><td>O</td><td>3</td><td>2,27</td><td>2,27</td><td>1545</td></tr><tr><td>P</td><td>11,8</td><td>2,27</td><td>2,27</td><td>5700</td></tr><tr><td>Q</td><td>11,8</td><td>2,27</td><td>2,27</td><td>5900</td></tr><tr><td>X</td><td>6</td><td>2,27</td><td>2,29</td><td>4000</td></tr><tr><td>T</td><td>6</td><td>2,27</td><td>2,29</td><td>4300</td></tr><tr><td>U</td><td>6</td><td>2,31</td><td>2,34</td><td>5910</td></tr><tr><td>Z</td><td>6</td><td>2,61</td><td>2,34</td><td>5980</td></tr></table>	D	11,8	1,2	1,38	3017	D	8	1,2	1,38	2075	D	5,9	1,2	1,38	1560	D	4	1,2	1,38	1100	E	11,8	1,2	1,38	3782	E	8,0	1,2	1,38	2654	E	5,9	1,2	1,38	2090	E	4,0	1,2	1,38	1527	J	10	1,85	1,38	3520	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	5670	N	5,9	2,27	2,27	3500	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	Q	11,8	2,27	2,27	5900	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
D	11,8	1,2	1,38	3017																																																																																																																					
D	8	1,2	1,38	2075																																																																																																																					
D	5,9	1,2	1,38	1560																																																																																																																					
D	4	1,2	1,38	1100																																																																																																																					
E	11,8	1,2	1,38	3782																																																																																																																					
E	8,0	1,2	1,38	2654																																																																																																																					
E	5,9	1,2	1,38	2090																																																																																																																					
E	4,0	1,2	1,38	1527																																																																																																																					
J	10	1,85	1,38	3520																																																																																																																					
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	5670																																																																																																																					
N	5,9	2,27	2,27	3500																																																																																																																					
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																																																																																																																					
Q	11,8	2,27	2,27	5900																																																																																																																					
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																																																																																																																					
Elemento de empotre / Foundation anchor / Fundamentanker / Pieds de scellement / El annegare / Анкерные крепления  H  L W  H W  L  H W L DIMA <table><tr><td>S51 S52R</td><td>1,2</td><td>1,38</td><td>1,42</td><td>496</td></tr><tr><td>S60/8 S60R/16 S70/8 S70R/16</td><td>1,2</td><td>1,38</td><td>1,42</td><td>594</td></tr><tr><td></td><td>1,85</td><td>1,85</td><td>1,6</td><td>956</td></tr><tr><td></td><td>1,85</td><td>1,85</td><td>1,6</td><td>1108</td></tr><tr><td></td><td>2,28</td><td>2,28</td><td>1,6</td><td>1122</td></tr><tr><td></td><td>2,28</td><td>2,28</td><td>1,6</td><td>1274</td></tr><tr><td>S75R8/20 S75R16/22 S75R16/26 S75R24/26</td><td>0,35</td><td>0,35</td><td>1,6</td><td>1200</td></tr><tr><td></td><td>0,50</td><td>0,50</td><td>2</td><td>2840</td></tr><tr><td></td><td>0,50</td><td>0,50</td><td>2,4</td><td>3160</td></tr><tr><td></td><td>0,50</td><td>0,50</td><td>2,4</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></table>	S51 S52R	1,2	1,38	1,42	496	S60/8 S60R/16 S70/8 S70R/16	1,2	1,38	1,42	594		1,85	1,85	1,6	956		1,85	1,85	1,6	1108		2,28	2,28	1,6	1122		2,28	2,28	1,6	1274	S75R8/20 S75R16/22 S75R16/26 S75R24/26	0,35	0,35	1,6	1200		0,50	0,50	2	2840		0,50	0,50	2,4	3160		0,50	0,50	2,4	3400	DIMA	2,31	2,34	0,8	1650																																																																		
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Cabina y soporte / Cabin and platform / Kabine und wartungs / Cabine et support / Cabina e supporto / Кабина с основой  L  H W <table><tr><td></td><td>3,00</td><td>1,15</td><td>2,35</td><td>558</td></tr></table>		3,00	1,15	2,35	558																																																																																																																				
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	L(m)	W(m)	H(m)	Peso(Kg)	
Tramo trepador SM110 / Climbing tower section / Turmstück/ Mâtüre télescópable / / Elemento di torre monolitico / Монтажная секция башни		4.09	1,17	1,22	1420
Jaula de telescopaje SM110 / Climbing cage / Hydraulikbühne/Cage de télescopage / Gabbia di montaggio / Монтажная обойма		8.1	1,7	1,92	3840
Tramo de transición SM110-1.2/1.09 / Climbing connection frame / Turmstück Elèment de transition / Telaio di raccordo a spinta / Переходная секция башни		1,74	1,38	1.21	811
Tramo de transición SM110-1.2/1.09 / Climbing connection frame / Turmstück Elèment de transition / Telaio di raccordo a spinta / Переходная секция башни		11.2	1,38	1.21	4260
Tramo de enlace a cabina SM110-1.09/1.2 /Climbing cage connection frame / Turmstück Elèment de connection pour la cage de télescopage / Telaio di raccordo a spinta / Секция башни для соединения с кабиной		1,5	1,65	1.65	875
Viga principal base 3.8 HB600 / Main base beam/Hauptträger für fundamentkreuz Poutre de châssis de base/Trave principale della base / Несущая балка опорной рамы HB600		5,72	0,67	0,65	1570
Semiviga secundaria base 3.8 HB600 / Half base beam/Halbträger für fundamentkreuz Semipoutre de châssis de base /Semitrave secundaria della base / Вспомогательная балка опорной рамы		2,77	0,45	0,665	800

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