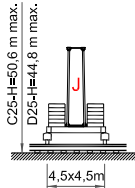
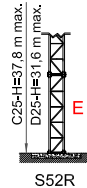


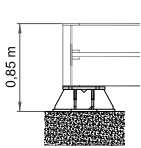
**A-B-B1-C**



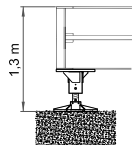
**A-B-B1-C**



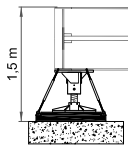
**D**



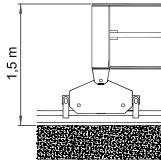
**A**



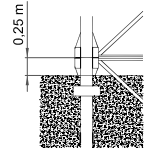
**B**



**B1**



**C**












**D**





















EN 14439-FEM 1005- C25/D25





















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

55 m	SL	24	25	26	28	30	32	33,2	35	37	39	40	43	45	48	50	52	55	m	
	2500	2500	2500	2500	2500	2500	2500	2346	2192	2055	1991	1819	1717	1580	1498	1422	1320	Kg		
	SL	24	25	26	27	28	30,9	33	35	37	39	40	43	45	48	50	52	55	m	
	2500	2500	2500	2500	2500	2500	2317	2156	2012	1844	1825	1664	1569	1442	1366	1296	1200	Kg		
	SL	15	16	18	21	24	28,5	30	33	35	38	40	43	45	48	50	52	55	m	
	2500	2500	2500	2500	2500	2500	2347	2085	1935	1724	1629	1480	1392	1274	1203	1138	1050	Kg		
	SL	13	15,8	18	21	24	28	30	33	35	38	40	43	45	48	50	52	55	m	
	5000	5000	4309	3600	3074	2553	2347	2085	1935	1724	1629	1480	1392	1274	1203	1138	1050	Kg		
	SL	14	16,8	18	21	24	27	30	33	35	38	40	43	45	48	50	52	55	m	
	5000	5000	4639	3881	3319	2886	2541	2261	2102	1895	1774	1615	1521	1395	1319	1250	1155	Kg		

50 m	SL	24	25	26	28	30	32	33	35	37,6	39	40	43	45	48	50	m	
	2500	2500	2500	2500	2500	2500	2500	2500	2500	2392	2319	2124	2008	1853	1760	Kg		
	SL	24	25	26	28	30	32	34,9	35	37	39	40	43	45	48	50	m	
	2500	2500	2500	2500	2500	2500	2500	2492	2330	2185	2119	1937	1830	1686	1600	Kg		
	SL	15	18	21	24	28	32,5	33	35	38	40	43	45	48	50	m		
	2500	2500	2500	2500	2500	2500	2461	2289	2067	1938	1767	1666	1531	1450	Kg			
	SL	15	18	21	24	27	30	33	35	38	40	43	45	48	50	m		
	5000	5000	4199	3596	3131	2761	2461	2289	2067	1938	1767	1666	1531	1450	Kg			
	SL	15	19,3	21	24	27	30	33	35	38	40	43	45	48	50	m		
	5000	5000	4552	3903	3403	3005	2682	2498	2259	2120	1936	1828	1682	1595	Kg			


45 m	SL	24	25	26	28	30	33	35	37	38	40	42,1	43	45	m	
	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2440	2310	Kg		
	SL	24	25	26	28	30	33	35	37	38,9	39	40	43	45	m	
	2500	2500	2500	2500	2500	2500	2500	2500	2500	2498	2423	2220	2100	Kg		
	SL	15	18	20	21	24	27	30	35	36,8	37	40	43	45	m	
	2500	2500	2500	2500	2500	2500	2500	2500	2500	2483	2258	2064	1950	Kg		
	SL	15	18	20,3	21	24	27	30	33	35	37	40	43	45	m	
	5000	5000	5000	4819	4135	3609	3190	2850	2656	2483	2258	2064	1950	Kg		
	SL	15	18	20	21,9	24	27	30	33	35	38	40	43	45	m	
	5000	5000	5000	5000	4507	3938	3485	3117	2908	2636	2477	2268	2145	Kg		

40 m	SL	24	25	26	28	30	33	35	37	38	39	40	m	
	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	Kg	
	SL	24	25	26	28	30	33	35	37	38,6	39	40	m	
	2500	2500	2500	2500	2500	2500	2500	2500	2500	2474	2400	Kg		
	SL	15	18	20	22	24	30	33	35	36,7	38	40	m	
	2500	2500	2500	2500	2500	2500	2500	2500	2500	2395	2250	Kg		
	SL	15	17	18	20,2	24	27	30	33	36	38	40	m	
	5000	5000	5000	5000	4122	3597	3179	2840	2558	2395	2250	Kg		
	SL	15	18	20	21,8	24	27	30	33	35	38	40	m	
	5000	5000	5000	5000	4502	3933	3481	3114	2904	2633	2475	Kg		

35 m	SL	24	25	26	28	32	35	m			
	2500	2500	2500	2500	2500	2500	2500	Kg			
	SL	24	25	26	28	32	35	m			
	2500	2500	2500	2500	2500	2500	Kg				
	SL	15	19	20	21	24	27	30	35	m	
	2500	2500	2500	2500	2500	2500	2500	2500	Kg		
	SL	15	17	19	20,3	24	27	30	35	m	
	5000	5000	5000	5000	4126	3601	3183	2650	Kg		
	SL	15	17	19	21,9	24	27	30	35	m	
	5000	5000	5000	5000	4517	3947	3493	2915	Kg		

SL-SUPERLIFT Otras velocidades y características de funcionamiento – Variant speeds and service conditions – Abweichende Geschwindigkeiten und Betriebsbedingungen – Vitesses et conditions de fonctionnement différentes – Differenti velocità e condizioni di funzionamento – Нестандартные скорости и условия эксплуатации





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




	55 m			50 m			45 m			40 m			35 m		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
	5	1	1	5	-	2	5	-	1	4	-	2	3	1	1
	13750 kg			13200 kg			12350 kg			10900 kg			9150 Kg		

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



25Hp (18,5 Kw) INV  
400V / 50HZ

HBG 3 layers 110m S/R Ø10mm

		m/mln								
			0— 32	0— 38	0— 56	0—80	0—16	0—19	0—28	0—40
			Kg	2500	2250	1500	900	5000	4500	3000
Kw	18,5	18,5	18,5	18,5	18,5	18,5	18,5	18,5		

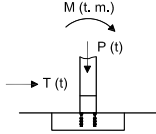
	m/min	11 / 37 / 75		
	Kw	3		
	r.p.m	0,3	0,6	0,9
	Kw	2 x 5,5		
	m/mln	20		
	Kw	2 x 2,2		

25Hp (18,5Kw) - INV

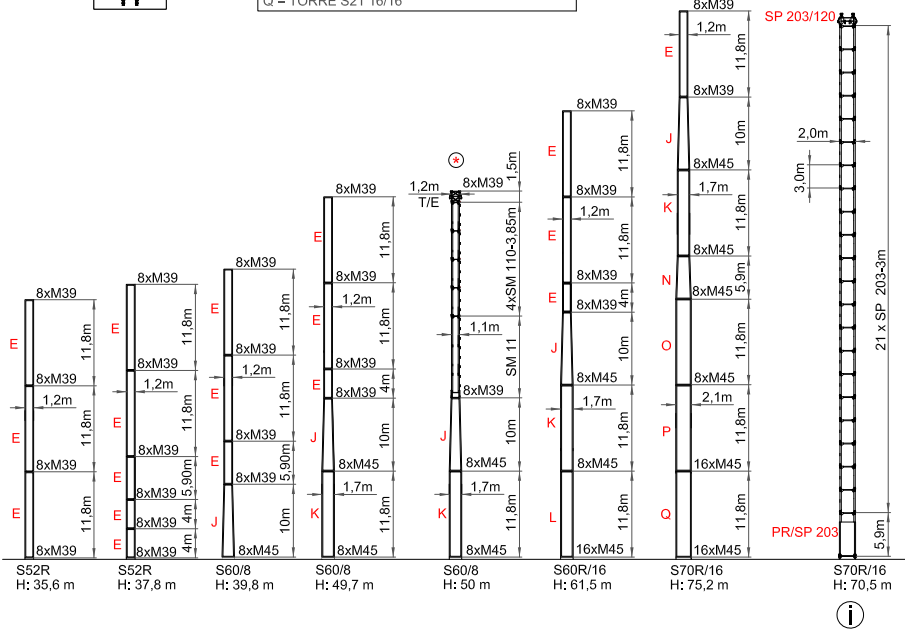
		400V 50Hz I <sub>max</sub> = 72A Fuse= 80A	TOTAL POWER 42 KVA	GENERATOR 75 KVA	100m 4x25mm <sup>2</sup>	150m 4x35mm <sup>2</sup>	200m 4x35mm <sup>2</sup>
		2006/95 480V 60Hz I <sub>max</sub> = 60A Fuse = 70A					

- \* Opcional / Optional / Opzionale
-  Elevación / Hoisting / Heben / Levage / Sollevamento
-  Distribución / Trolleying / Katzfahren / Distribution / Distribuzione
-  Orientación / Slewing / Schwenken / Orientation / Rotazione
-  Traslación / Travelling / Schienenfahren / Translation / Traslazione
-  Cable / Rope / Sell / Câble / Funne

FEM 1005-C25-D25 / EN 14439 - Mástil / Reacciones - Masts / Reactions - Maste / Eckdrücke - Mat / Réactions - Torre / Réazioni - Реакции / Комплектация башни



- 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
- N = CAMPANA S21-S17 8/8
- O = TORRE S21 8/8
- P = TORRE S21 16/8
- Q = TORRE S21 16/16



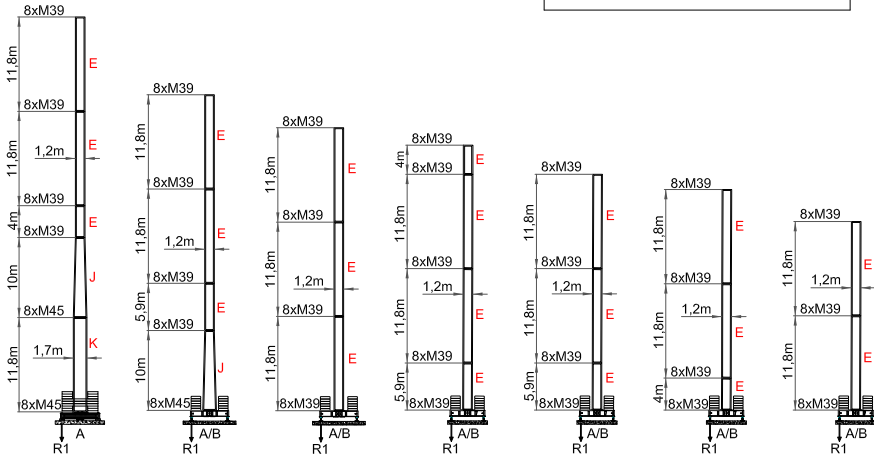
C25	H (m)	23,85	27,8	29,7	35,6	37,8	39,8	49,7	61,5	69,3	75,2
	M (T·m)	130	148,4	158	193	209	223,7	340	570	700	820
	T (t)	5,1	5,7	6	7	7,2	7,9	10,1	13,5	15	16,2
	P (t)	32,4	33,7	34,3	35,2	35,9	37,9	44	50,2	55,2	59,3

D25	H (m)	23,85	27,8	29,7	31,6	33,8	35,8	45,7	51,5	59,3	65,2
	M (T·m)	145,6	166	177	193	209	223,7	340	570	700	820
	T (t)	5,6	6,1	6,5	7	7,2	7,9	10,1	13,5	15	16,2
	P (t)	32,4	33,7	34,3	35,2	35,9	37,9	44	50,2	55,2	59,3

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

FEM 1005-C25-D25 / EN 14439 - Bloque lastre de base - Base ballast block - Grundballastblöcke -  
 Bloc de lest de base - Blocco di zavorra alla base - Балласты опорной рамы

K = TORRE S17 1,70 M45 8/8  
 J = CAMPANA S17 10m 1,20/1,70 M39/M45 8/8  
 E = TORRE TL 55 1,20 M39/M39 8/8  
 C38 = 3,8x3,8m 1,2 HB 600  
 C45-700 = 4,5x4,5m -1,2/1,7



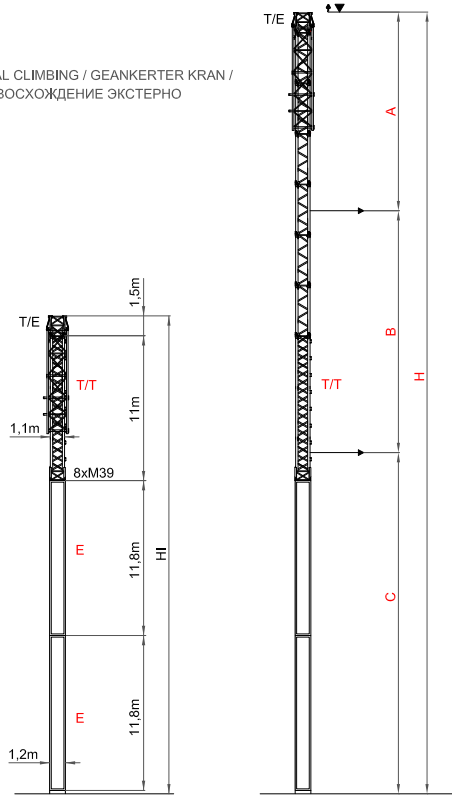
<b>C25</b>	H(m): 50,6	H(m): 40,8	H(m): 36,7	H(m): 34,8	H(m): 30,8	H(m): 28,9	H(m): 24,8
	C45-700	C45-700	C45-700	C38	C38	C38	C38
	LASTRE: 121,6 Tn	LASTRE: 76 Tn	LASTRE: 60,8 Tn	LASTRE: 76 Tn	LASTRE: 60,8 Tn	LASTRE: 53,2 Tn	LASTRE: 45,6 Tn
	R1= 91,5 Tn	R1= 56,2 Tn	R1= 48,5 Tn	R1= 52,9 Tn	R1= 49 Tn	R1= 45,9 Tn	R1= 42 Tn

<b>D25</b>	H(m): 44,8	H(m): 40,8	H(m): 36,7		H(m): 30,8	H(m): 28,9	H(m): 24,8
	C45-700	C45-700	C45-700		C38	C38	C38
	LASTRE: 121,6 Tn	LASTRE: 91,2Tn	LASTRE: 83,6 Tn		LASTRE: 83,6 Tn	LASTRE: 76 Tn	LASTRE: 60,8 Tn
	R1= 91,5 Tn	R1= 67,5 Tn	R1= 62,4 Tn		R1= 55,6 Tn	R1= 54,7 Tn	R1= 49,3 Tn

K-11,8	J	E-11,8	E-5,9	E-4	K-5,9	J	E-11,8
1	1	1	1	1	1	1	2

Proceso de trepado - Climbing - Kletterkrane - Telescopable - Sopralzo idraulico - Процесс наращивания крана

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



	MONOBLOCK SM110/3,85
A max.	28,5 m
B max.	19,25 m
C max.	26 m
HI max.	36,1 m
H max.	73,7 m
C+B+A	73,7 m
H max.	93 m / ①

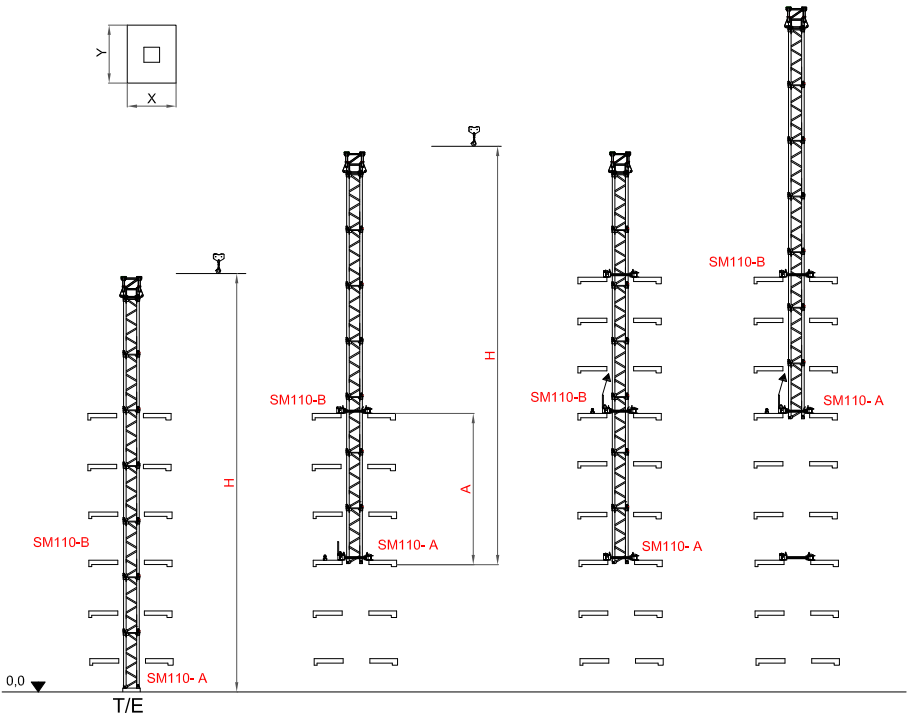
	PAG. 3 (*) MONOBLOCK SM110/3,85
A max.	28,5 m
B max.	19,25 m
C max.	40 m
HI max.	50 m
H max.	87,7 m
C+B+A	87,7 m
H max.	107 m / ①

① Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage - Другие высоты подъема и наращивание крана по запросу

C25 - TREPADO INTERNO / BOTTOM CLIMBING CRANE / KLETTERKRANE IM GEBÄUDE / TÉLESCOPAGE SUR DALLES / GRU CLIMBING ВНУТРЕННИЙ ПРОЦЕСС ТЕЛЕСКОПИРОВАНИЯ

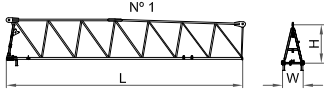
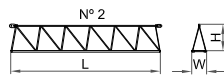
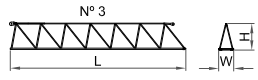
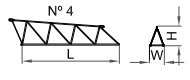
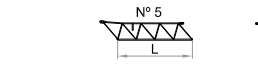
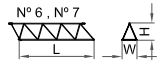
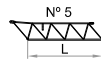
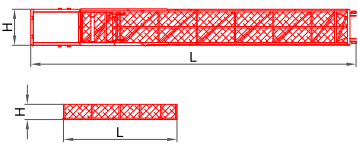
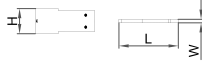
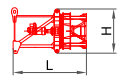
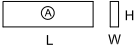

MONOBLOCK SM110/3,85	
A max.	8 - 11 m
H	32 m
X	1,8 m
Y	2,15 m

TL

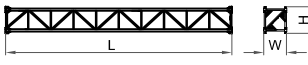
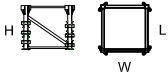

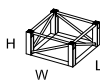
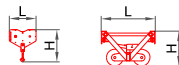
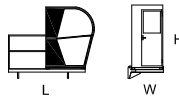
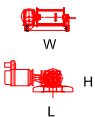


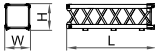
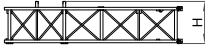
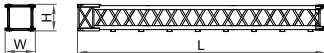
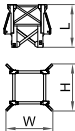
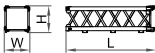

① Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage -  
Другие высоты подъема и наращивание крана по запросу

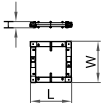
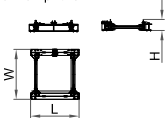
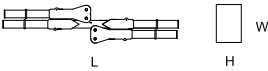
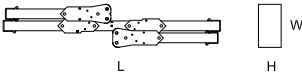
## Dimensiones y transporte - dimensions and transport - Abmessungen und Transport - dimensions et des transporte - dimensioni e trasporti - Размеры и транспорта

	L(m)	W(m)	H(m)	Peso(Kg)	
<b>Pluma tramo primero</b> / Jlb heel section / Ausleger-Anlenkstück / Pled de fleche / Settore articolato di braccio / Корневая секция стрелы 	1	11,74	1,85	2314	
<b>Elemento Intermedio de pluma</b> / Intermediate jlb section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы 	2	11,8	1,8	1224	
	3	11,8	1,8	1064	
	4	5	1,8	502	
	5	5	1,3	312	
	6	5	1,19	262	
	7	5	1,18	206	
<b>Contrapluma</b> / Counter-jlb / Gegenausleger / Contre-fleche / Controbraccio / Консоль противовеса 		11,49 4,05	0,32 0,30	1,29 0,58	2190 102
<b>Bloque de contrapeso</b> / Counterweight blocks / Gegengewichtsböcke / 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
<b>Cabeza de torre</b> / Tower head / Turmspitze / Porte - fleche / Testa di torre / Оголовок башни 		3,14	1,8	1,7	3198
<b>Bloque lastre de base</b> / Base ballast block / Grundballastböcke / Bloc de lest de base / Blocco di zavorra alla base / Плиты балласта опорной рамы 		4,5 5,8	0,51 0,4	0,9 1,5	5000 8000
<b>Bloque apoyo de base</b> / Base support block / Grundballastböcke / Bloc de appui de base / Blocco di appoggio alla base 		2	0,5	2	5000



	L(m)	W(m)	H(m)	Peso(Kg)	
<b>Elemento de torre</b> / Tower section / Turmstück / Élément de mât / Elemento di torre / Башенные секции					
E	11,8	1,2	1,38	3782	
ER	11,8	1,38	1,38	4295	
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	4620	
K	5,9	1,85	1,85	2505	
K	3	1,85	1,85	1500	
L	11,8	1,85	1,85	5325	
M	11,8	1,85	1,85	5670	
N	5,9			2850	
O	11,8	2,27	2,27	4980	
O	5,9	2,27	2,27	2680	
O	3	2,27	2,27	1580	
P	11,8	2,27	2,27	5880	
Q	11,8	2,27	2,27	5900	
X	6	2,27	2,29	4830	
T	6	2,27	2,29	4780	
T	12	2,27	2,29	9000	
U	6	2,31	2,34	6200	
U	12	2,31	2,34	11180	
Z	6	2,31	2,55	7825	
Z	12	2,31	2,55	15064	
ZR	6	2,31	2,55	7925	
ZR	12	2,31	2,55	15200	
					
<b>Elemento de empotre</b> / Foundation anchor / Fundamentanker / Pieds de scellement / El anegare / Анкерные крепления					
	S51	1,2	1,38	1,42	496
	S52R	1,2	1,38	1,42	594
	S52RR	1,2	1,38	1,5	670
	S60/8	1,85	1,85	1,6	956
	S60R/16	1,85	1,85	1,6	1108
	S70/8	2,28	2,28	1,6	1122
S70R/16	2,28	2,28	1,6	1274	
	S75R8/20	0,35	0,35	1,6	1200
	S75R16/22	0,50	0,50	2	1400
	S75R16/26	0,50	0,50	2,4	2100
	S75R24/26	0,50	0,50	2,4	3400
	S75R32/26	0,50	0,50	3	3500
	DIMA	2,31	2,34	0,8	1650
<b>Gancho y Carro</b> / Hook and Trolley / Lasthaken - Laufkatze / Crochet - Chariot / Ganccio e Carrello / Крюк и грузовая тележка					
	0,75	0,12	1,4	164	
	0,96	1,10	0,62	184	
<b>Cablna y soporte</b> / Cabln and platform / Kabline und wartungs / Cablne et support / Cablna e supporto / Кабина с основой					
	3,00	1,15	2,35	558	
<b>Equipo de elevacion</b> / Hoist winch / Heben / Levage / Sollevamento / подъёмник					
	1,6	1,2	0,7	565	

	L(m)	W(m)	H(m)	Peso(Kg)
<p><b>Tramo trepador SM110</b> / Climbing tower section / Turmstück / Mâtère télescopable / Elemento di torre monolitico / Монтажная секция башни</p> 	4,09	1,17	1,22	1420
<p><b>Jaula de telescopaje SM110</b> / Climbing cage SM110 / Hydraulikbühne SM110 / Cage de telescopage SM110 / Gabbla di montaggio SM110 / Монтажная обойма SM110</p>				
<p><b>Completa</b> / Full / Vollständige / Complete / completa / полный</p> 	8,1	1,7	1,92	3840
<p><b>Estructura</b> / Steel frame / Struktur / Construction / Struttura / структура</p>				2425
<p><b>Hidraulico y accesorios</b> / Hydraulic and accessories / Hydraulik- und Zubehör / hydraulique et accessoires / idrauliche ed accessori / Гидравлические и аксессуары</p>				1415
<p><b>Tramo de transición SM110-1,2/1,09</b> / Climbing connection frame / Turmstück Elément de transition / Telaio di raccordo a spinta / Переходная секция башни</p> 	11,2	1,38	1,21	3695
<p><b>Tramo de enlace a cabina SM110-1,09/1,2</b> / Climbing cage connection frame / Turmstück Elément de connection pour la cage de télescopage / Telaio di raccordo a spinta / Секция башни для соединения с кабиной</p> 	1,5	1,65	1,65	875
<p><b>Tramo trepador SM110 - A</b> / Climbing tower section / Turmstück / Mâtère télescopable / Elemento di torre monolitico / Монтажная секция башни</p> 	4,09	1,17	1,22	1900
<p><b>Tramo trepador SM110 - B</b> / Climbing tower section / Turmstück / Mâtère télescopable / Elemento di torre monolitico / Монтажная секция башни</p> 	4,09	1,17	1,22	1750

	L(m)	W(m)	H(m)	Peso(Kg)
<p><b>Marco trepado externo</b> / Tie-frame / Cadre d'encrage externe / Sopralzo con ancoraggio esterno / внешняя рамка пристежки</p> 	1,7	1,7	0,26	720
<p><b>Marco trepado Interno</b> / Floor climbing frame / Cadre d'encrage Interne / Sopralzo Interno / внутренняя рамка пристежки</p> 	2,4	2,38	0,45	1503
<p><b>Hidraulico y accesorios</b> / Hydraulic and accessories / Hydraulik-und Zubehör / hydraulique et accessoires / Idrauliche ed accessori / Гидравлические и аксессуары</p>				1100
<p><b>Base C38</b> / base C38/ Hauptträger für fundamentkreuz C38 / Base C38 / Base C38</p> 	5,75	1,47	0,77	3670
<p><b>Base C38-900</b> / base C38-900 / Hauptträger für fundamentkreuz C38-900 / Base C38-900 / Base C38-900</p>	5,75	1,47	0,97	5550
<p><b>Base Cruciforme C45-700</b> / Crossbase C45-700 / Fundamentkreuz C45-700 / Châssis C45-700 / Carro base C45-700</p> 	6,7	1,3	0,77	6190



40" HC x 4 - HBG 35,6 m



x 2 - HBG 24 m