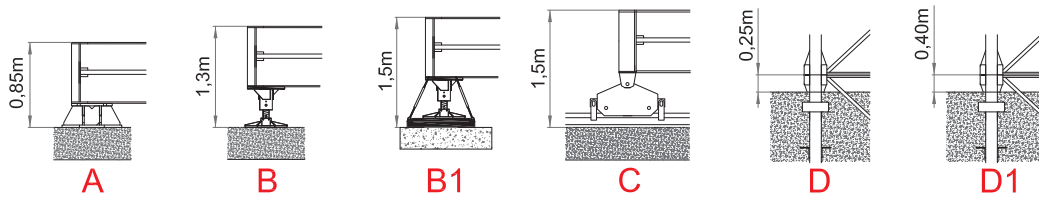
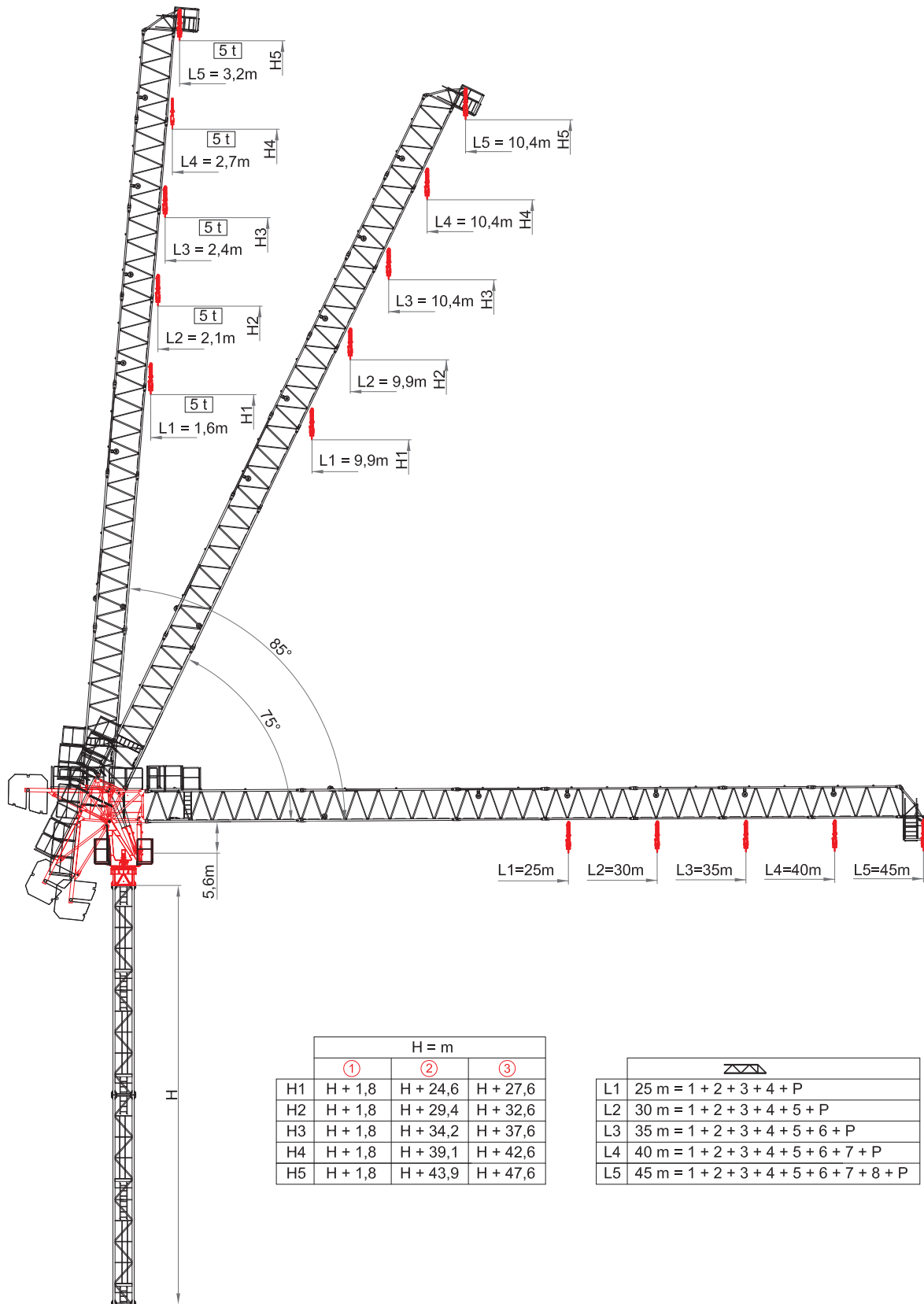


C38 - H.b.g. 24,5m 1,2 - C25  
 C45HM - H.b.g. 34,9m 1,7 - C25








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








- ① Pluma maxima - Portée maxi - Sbraccio massimo - Maximum jib - Max. Ausleger
- ② Pluma min. en servicio - Portée min. in service - Minimum jib (in service) - Sbraccio min. in servizio - Mindest. Ausleger in Betrieb
- ③ Pluma min. fuera de servicio - Portée min. hors service - Minimum jib (out of service) - Sbraccio min. fuori servizio - Mindest. Ausleger ausser Betrieb
- H Altura torre - Hauteur mat - Tower height - Altezza torre - Turmhohe


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





**45 m**  



10	15	20	25	30	32,5	35	40	45	m	
2500	2500	2500	2500	2500	2500	2206	1667	1000	Kg	
10	15	19,7	20	25	30	35	40	45	m	
5000	5000	5000	4921	3702	2852	2206	1667	1000	Kg	





**40 m**  



10	15	20	25	30	33,4	35	40	m	
2500	2500	2500	2500	2500	2500	2302	1500	Kg	
10	15	20	20,1	25	30	35	40	m	
5000	5000	5000	5000	3831	2979	2302	1500	Kg	





**35 m**  


10	15	20	25	30	33,4	35	m	
2500	2500	2500	2500	2500	2500	2100	Kg	
10	15	20	20,7	25	30	35	m	
5000	5000	5000	5000	3985	3095	2100	Kg	






**30 m**  







5	10	15	20	25	30	m	
2500	2500	2500	2500	2500	2500	Kg	
10	15	20	21,6	25	30	m	
5000	5000	5000	5000	4197	2900	Kg	

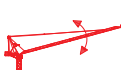




**25 m**  




5	10	15	20	25	m	
2500	2500	2500	2500	2500	Kg	
10	15	20	20,6	25	m	
5000	5000	5000	5000	3500	Kg	



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






25 Hp (18,5Kw) INV		 LEBUS 450m  H.B.G. 175m Ø10			 LEBUS 450m  H.B.G. 65m Ø10		
			m/min	0 – 36	0 – 56	0 – 66	0 – 18
	Kg	2500	1500	1250	5000	3000	2500
	Kw	18,5	18,5	18,5	18,5	18,5	18,5

* 33 Hp (24Kw) INV		 LEBUS 450m  H.B.G. 175m Ø10			 LEBUS 450m  H.B.G. 65m Ø10		
			m/min	0 – 50	0 – 76	0 – 90	0 – 25
	Kg	2500	1500	1250	5000	3000	2500
	Kw	24	24	24	24	24	24

		 - 	
		Kw	2 min. de 0° a 85° 2 minutes from 0° to 85°
	r.p.m	11	
	Nm	0 – 0,8	
	m/min	1 x 65	
	Kw	0 – 25	
		2 x 3	

		400 V 50 Hz 60 Hz	25 Hp (18,5 Kw) 37 Kw / 150 kVA 33 Hp (24 Kw) INV 42,5 Kw / 180 kVA
2000/14/CEE 2005/88/CEE	2006/95 /CEE		

		25 m	50 m	100 m
25 Hp (18,5 KW ) 3V		4 x 25 mm <sup>2</sup>	4 x 25 mm <sup>2</sup>	4 x 25 mm <sup>2</sup>
33 Hp (24 KW ) INV		4 x 25 mm <sup>2</sup>	4 x 25 mm <sup>2</sup>	4 x 25 mm <sup>2</sup>

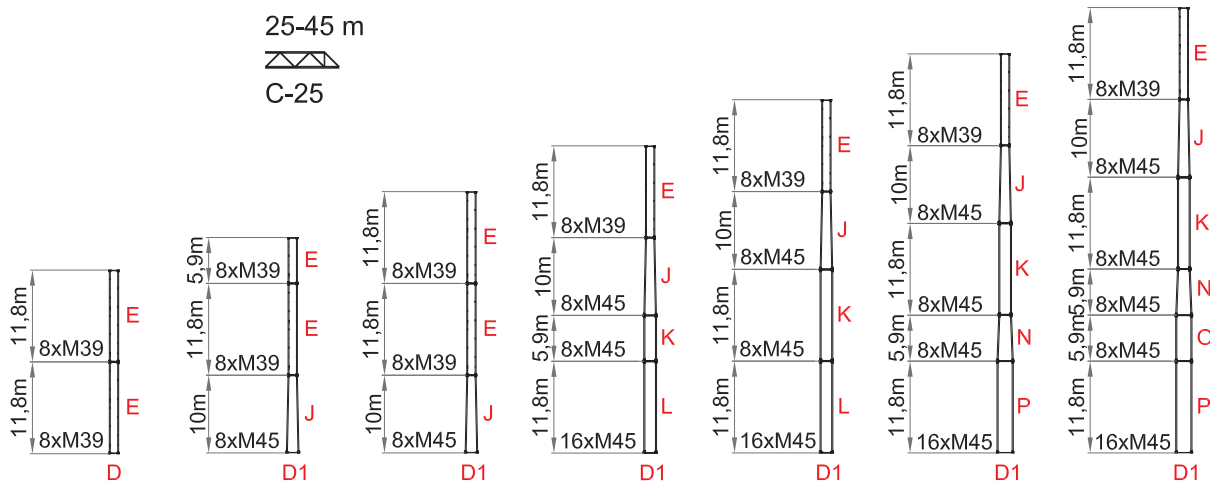
- \* Opcional / Optional / Opzionale
-  Elevación / Hoisting / Heben / Levage / Sollevamento
-  Elevación de pluma / Luffing / Ausleger-Einziehen / Relevance / Brandeggio
-  Orientación / Slewing / Schwenken / Orientation / Rotazione
-  Traslacion / Travelling / Schienenfahren / Translation / Traslazione
-  Cable / Rope / Seil / Câble / Fune

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

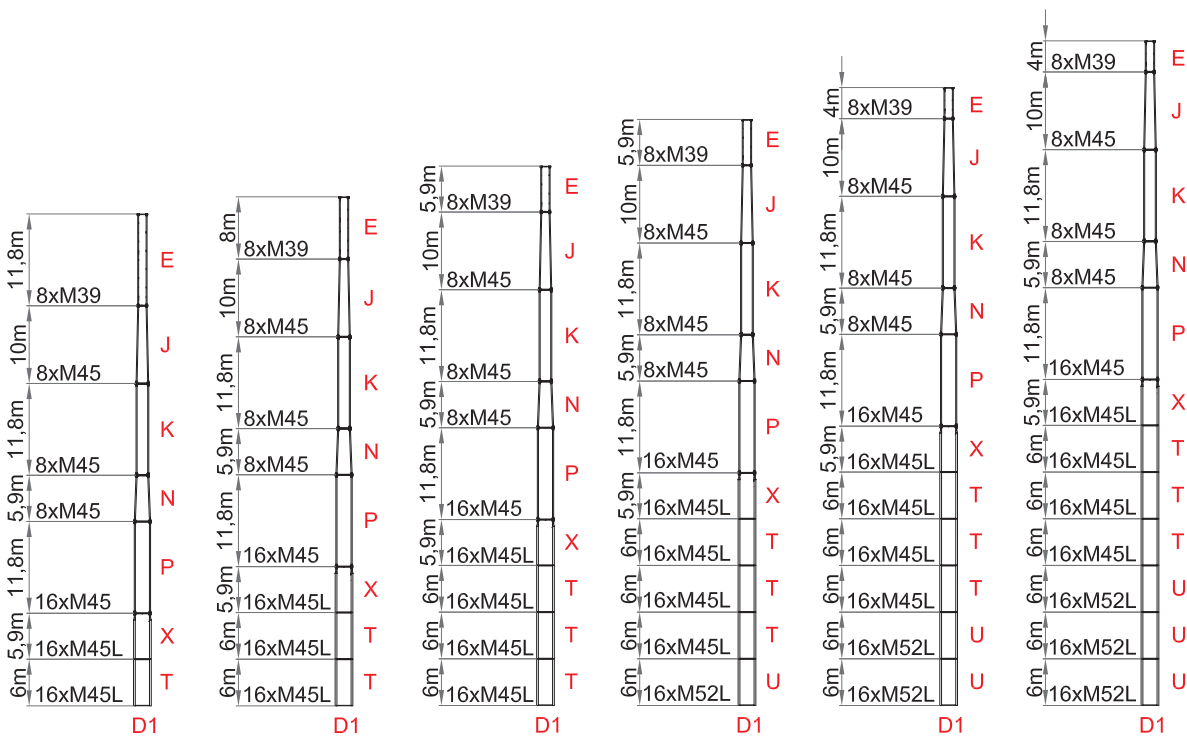
25-45 m



C-25

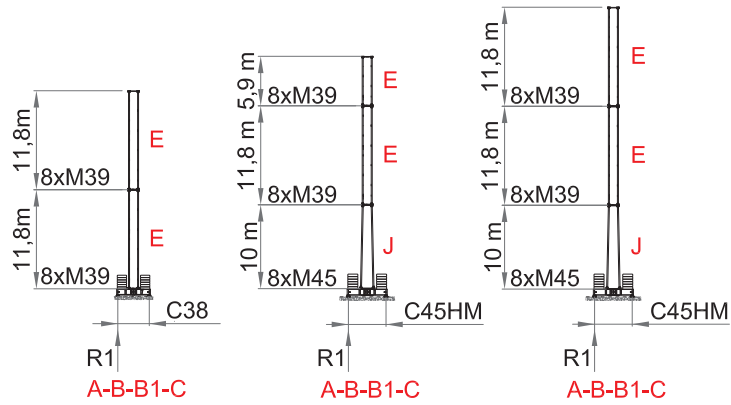


H (m)	23,8	27,7	33,6	39,5	45,4	51,3	57,2
M (T·m)	201	247	312	384	464	564	669
T (t)	8,5	9,5	10,4	12,2	13,2	14,6	15,9
P (t)	43,2	45,1	46,8	51,0	53,1	56,8	59,4
R <sub>1</sub> (t)	113	100	130	162	186	199	223
R <sub>2</sub> (t)	-142	-127	-158	-194	-218	-232	-257



H (m)	63,2	65,4	69,3	75,3	79,4	85,4
M (T·m)	797	857	961	1105	1235	1430
T (t)	18,2	19,2	20,6	22,6	24,3	26,6
P (t)	65,1	68,3	72	77,9	83,3	89,3
R <sub>1</sub> (t)	253	273	308	355	399	464
R <sub>2</sub> (t)	-292	-314	-351	-402	-449	-517

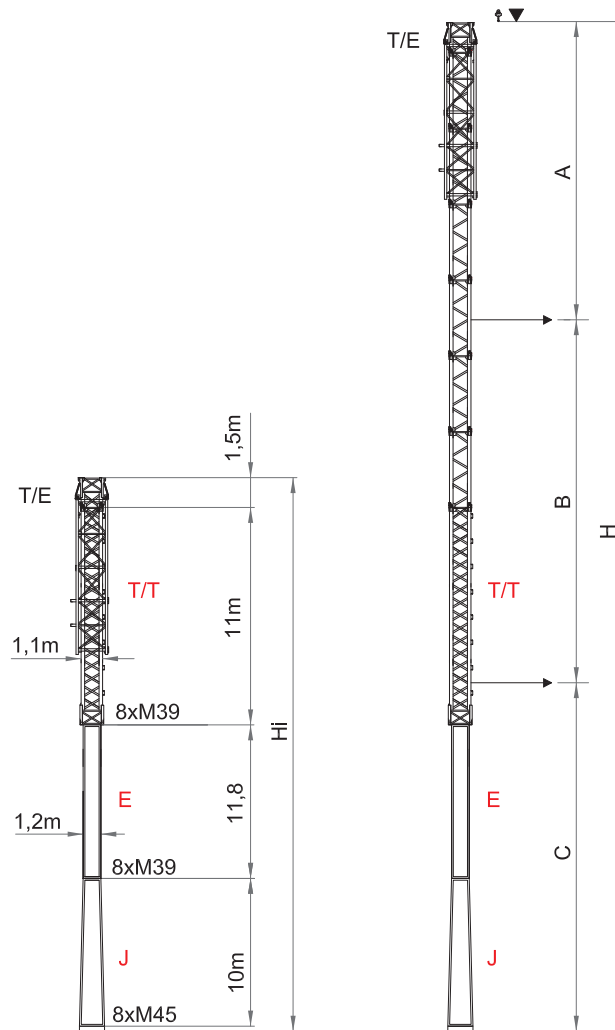
FEM 1005-C25 / EN 14439 - Bloque lastre de base - Base ballast block - Grundballastblöcke - Bloc de lest de base - Blocco di zavorra alla base - Балласты опорной рамы



H (m)	23,8	27,7	33,6
Z (t)	98,8	106,4	136,8
R1 (t)	75,9	79,8	98,6

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

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

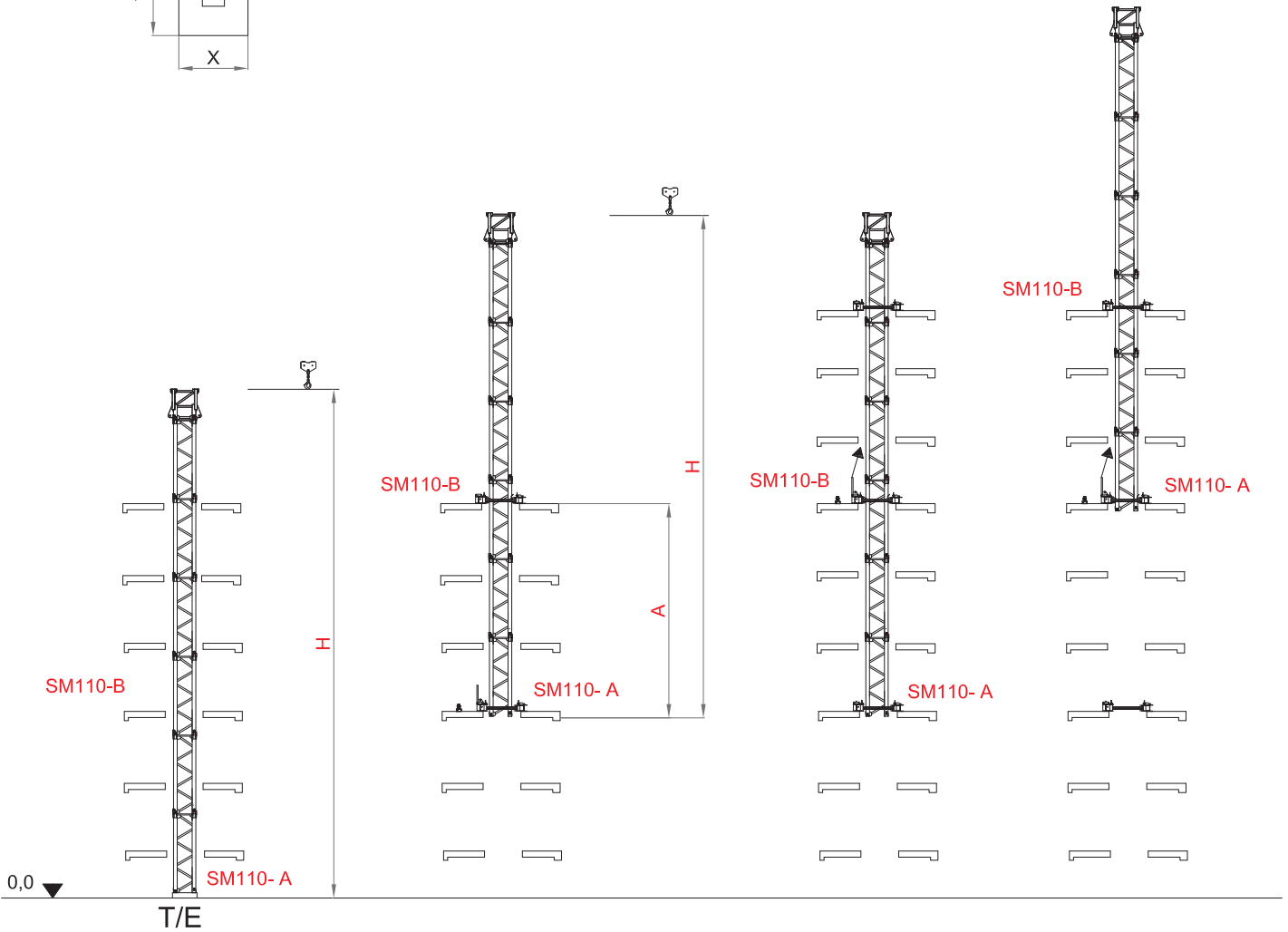
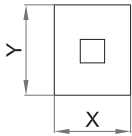


MONOBLOCK SM110/3,85	
A max.	23,6 m
B max.	19,25 m
C max.	26 m
Hi max.	34,3 m
H max. C+B+A	68,85 m
H max. C+B+B+A	88,1 m / (i)

(i) 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

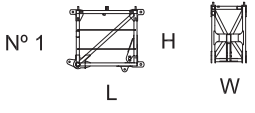
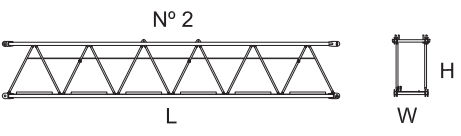
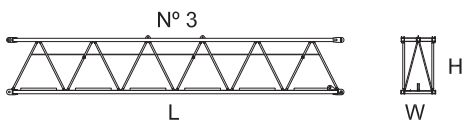
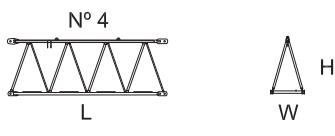
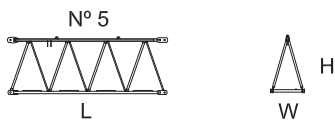
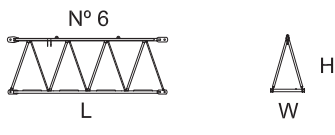

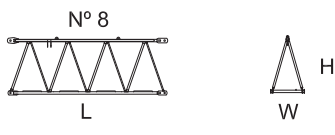
MONOBLOCK SM110/3,85	
A max.	8 - 11 m
H	24,6 m
X	1,4 m
Y	2,15 m

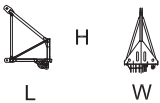
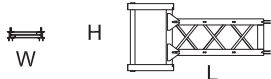
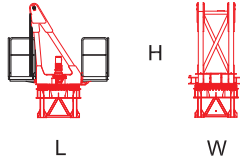
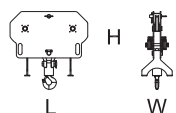
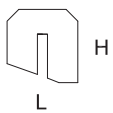
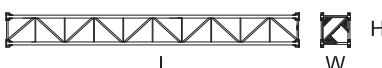
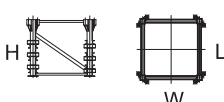


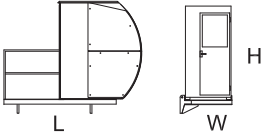
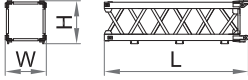
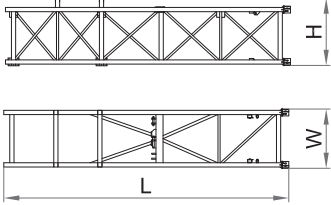
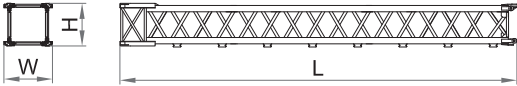
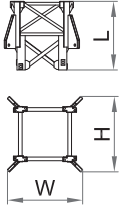
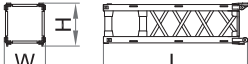
(i) Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage -  
Другие высоты подъема и наращивание крана по запросу

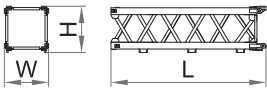
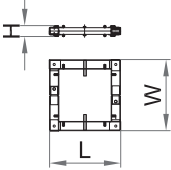
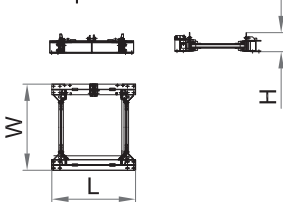
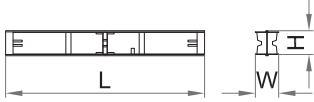
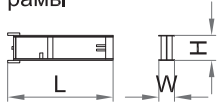
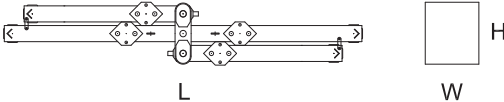



Dimensiones y transporte - dimensions and transport - Abmessungen und Transport - dimensions et des transports - dimensioni e trasporti - Размеры и транспорта

	L(m)	W(m)	H(m)	Peso(Kg)
<p><b>Pluma tramo primero</b> / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio / Корневая секция стрелы</p>  <p>N° 1</p>	2,21	1,1	1,97	1207
<p><b>Elemento Intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы</p>  <p>N° 2</p>	8,96	1,1	1,99	1344
<p><b>Elemento intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы</p>  <p>N° 3</p>	8,93	1,1	1,98	1220
<p><b>Elemento intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы</p>  <p>N° 4</p>	5,16	1,1	1,88	433
<p><b>Elemento intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы</p>  <p>N° 5</p>	5,16	1,1	1,88	357
<p><b>Elemento intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы</p>  <p>N° 6</p>	5,16	1,1	1,88	357
<p><b>Elemento intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы</p>  <p>N° 7</p>	5,16	1,1	1,88	357
<p><b>Elemento intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы</p>  <p>N° 8</p>	5,16	1,1	1,88	357

	L(m)	W(m)	H(m)	Peso(Kg)	
<b>Elemento final de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Elément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы 	1,55	1,1	2,08	310	
<b>Contrapluma</b> / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio / Консоль противовеса 	4,68	2,24	0,4	1096	
<b>Unidad de rotacion</b> / Complete slewing unit / Drehbühne / Orientation / Rotazione / Оголовок башни 	1,80	1,90	3,75	3076	
<b>Gancho</b> / Hook / Lasthaken / Crochet / Gancio / Крюк 	1,1	0,25	2,2	250	
<b>Bloque de contrapeso</b> / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso / Плита противовеса 	2,2	0,35	2,2	3500	
<b>Elemento de torre</b> / Tower section / Turmstück / Elément de mât / Elemento di torre / Башенные секции 	E E E E J K K K L M N O O O P Q X T U Z	11,8 8,0 5,9 4,0 10 11,8 5,9 3 11,8 11,8 5,9 11,8 5,9 3 11,8 11,8 6 6 6 6	1,2 1,2 1,2 1,2 1,85 1,85 1,85 1,85 1,85 1,85 2,27 2,27 2,27 2,27 2,27 2,27 2,29 2,29 2,34 2,34	3782 2654 2090 1527 3520 4600 2472 1425 5520 5670 3500 5044 2640 1545 5700 5900 4000 4300 5910 5980	
<b>Elemento de empotre</b> / Foundation anchor / Fundamentanker / Pieds de scellement / El anepagare / Анкерные крепления 	S52R S60/8	1,2 1,85	1,38 1,85	1,42 1,6	594 956

	L(m)	W(m)	H(m)	Peso(Kg)
<p><b>Cabina y soporte</b> / Cabin and platform / Kabine und wartungs / Cabine et support / Cabina e supporto / Кабина с основой</p> 	3,00	1,15	2,35	558
<p><b>Tramo trepador SM110</b> / Climbing tower section / Turmstück / Mâtire 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 / Gabbia 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 / Mâtire télescopable / Elemento di torre monolitico / Монтажная секция башни</p> 	4,09	1,17	1,22	1900

	L(m)	W(m)	H(m)	Peso(Kg)	
<p><b>Tramo trepador SM110 - B</b> / Climbing tower section / Turmstück / Mâtüre télescopable / Elemento di torre monolitico / Монтажная секция башни</p> 	4,09	1,17	1,22	1750	
<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>Viga principal base C38</b> / Main base beam / Hauptträger für fundamentkreuz / Poutre de châssis de base / Trave principale della base / Несущая балка опорной рамы HB600</p> 	5,72	0,67	0,65	1570	
<p><b>Semiviga secundaria base C38</b> / Half base beam / Halbträger für fundamentkreuz / Semipoutre de châssis de base / Semitrave secondaria della base / Вспомогательная балка опорной рамы</p> 	2,77	0,45	0,665	800x2	
<p><b>Base Cruciforme C45HM</b> / Crossbase C45HM / Fundamentkreuz C45HM / Châssis C45HM / Carro base C45HM</p> 	6,7	1,1	1,2	5750	
<p><b>Vigas auxil. de base</b> / Half base beams / Halbträger für fundamentkreuz / Semipoutre de châssis de base / Travi di congiunzi di congiunzione</p> 	(x2)	4,4	0,3	0,55	220x2



40" HC x 4 - HBG 28 m



x 3 - HBG 28 m