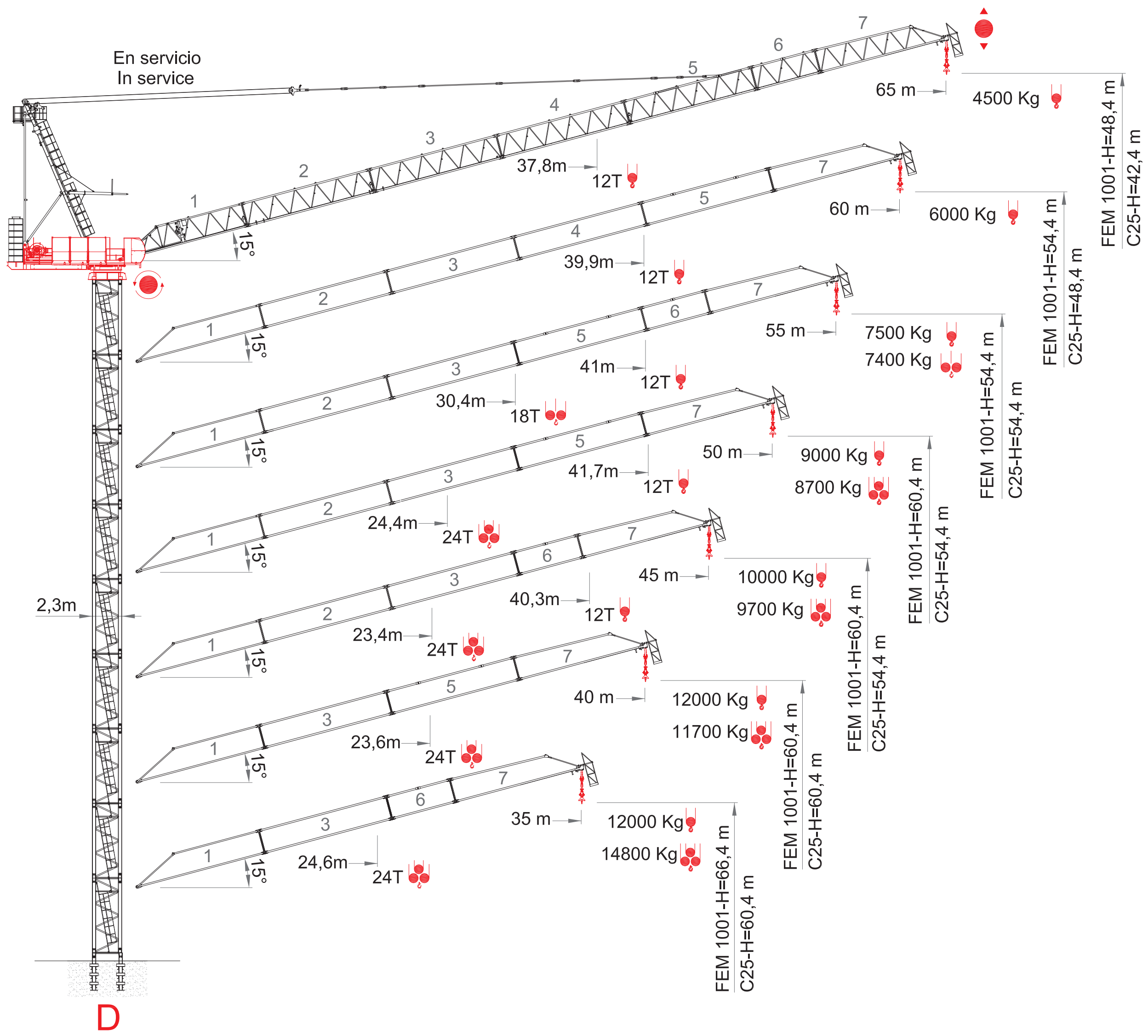
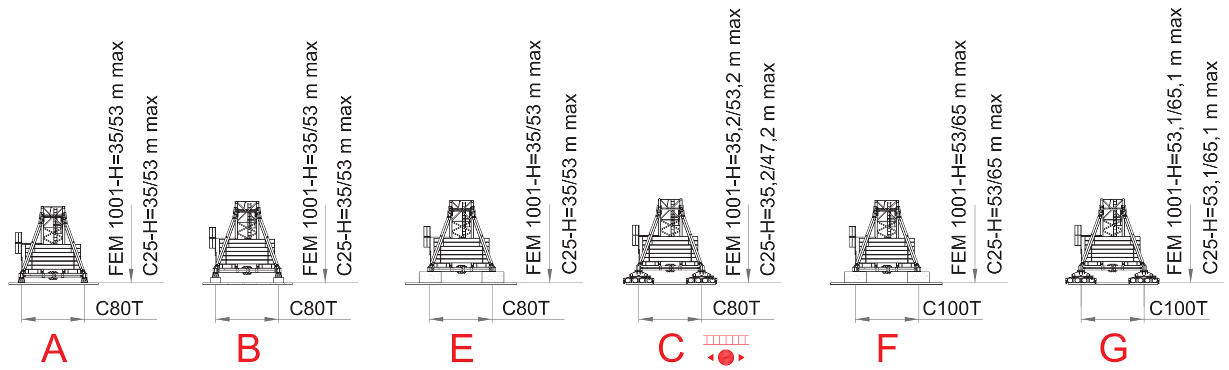
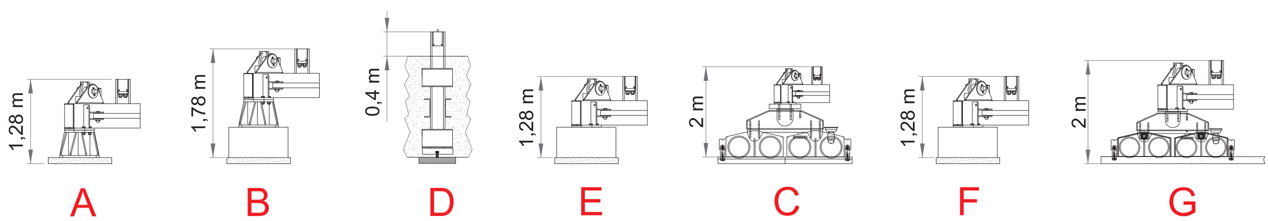
SÁEZ cranes

SL 450







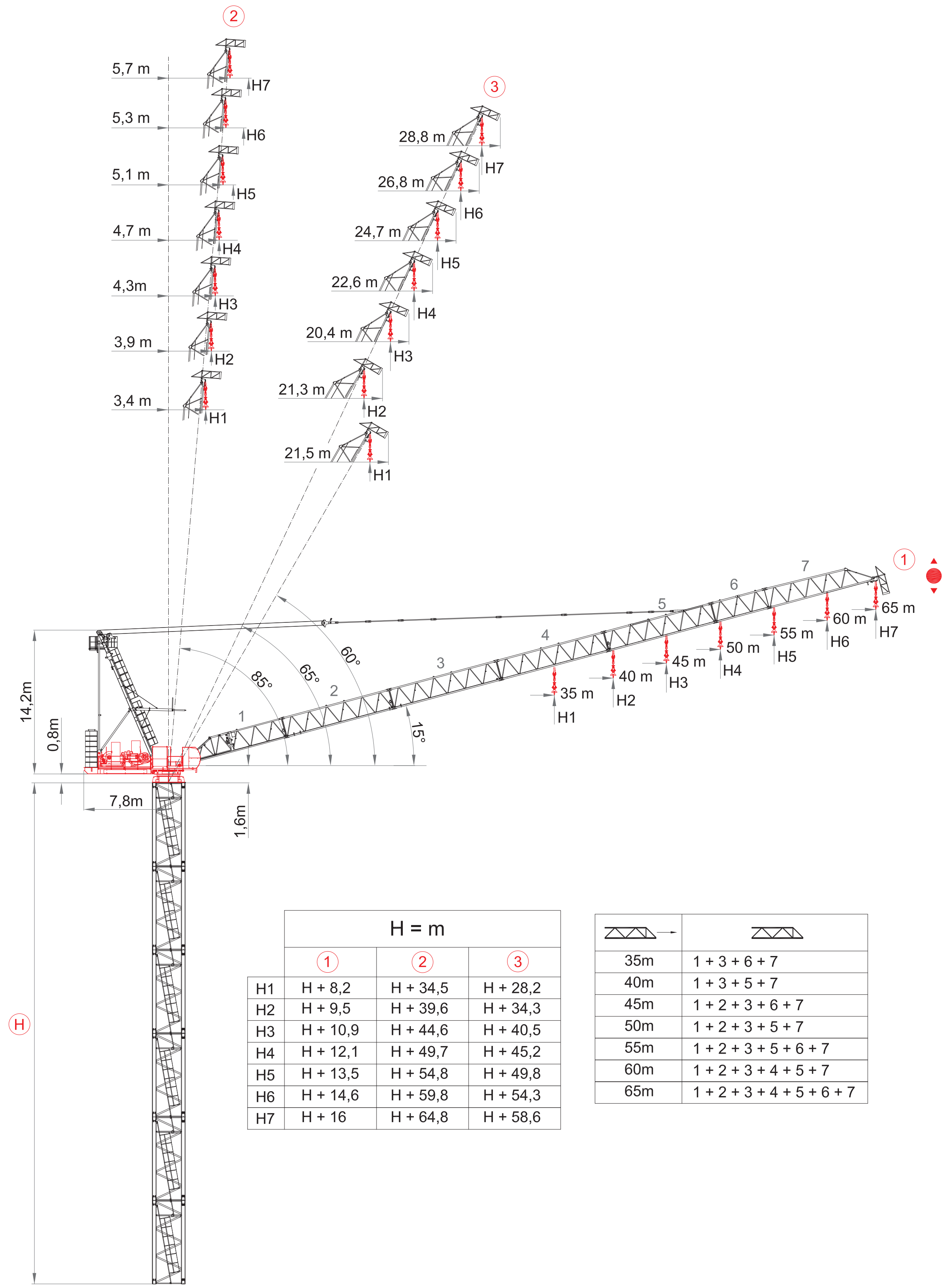
LLOYD'S REGISTER-LRQA ISO 9001

DIN/FEM CE

EN 14439-FEM 1005

SL 450

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



	H = m		
	1	2	3
H1	H + 8,2	H + 34,5	H + 28,2
H2	H + 9,5	H + 39,6	H + 34,3
H3	H + 10,9	H + 44,6	H + 40,5
H4	H + 12,1	H + 49,7	H + 45,2
H5	H + 13,5	H + 54,8	H + 49,8
H6	H + 14,6	H + 59,8	H + 54,3
H7	H + 16	H + 64,8	H + 58,6

35m	1 + 3 + 6 + 7
40m	1 + 3 + 5 + 7
45m	1 + 2 + 3 + 6 + 7
50m	1 + 2 + 3 + 5 + 7
55m	1 + 2 + 3 + 5 + 6 + 7
60m	1 + 2 + 3 + 4 + 5 + 7
65m	1 + 2 + 3 + 4 + 5 + 6 + 7

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 - Mindst. Ausleger in Betrieb

3 Pluma min. fuera de servicio - Portée min. hors service - Minimum jib (out of service) - Sbraccio min. fuori servizio - Mindst. Ausleger ausser Betrieb

H Altura torre - Hauteur mat - Tower height - Altezza torre - Turmhohe

SL 450

SÁEZ cranes

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

65 m

10	15	20	25	30	35	37,8	40	45	50	55	60	65	m
12000	12000	12000	12000	12000	12000	12000	11044	9151	7642	6411	5385	4500	Kg

60 m

10	15	20	25	30	31	35	39,9	45	50	55	60	m
12000	12000	12000	12000	12000	12000	12000	12000	10012	8427	7132	6000	Kg

55 m

10	15	20	25	30	35	40	41	45	50	55	m
12000	12000	12000	12000	12000	12000	12000	12000	10420	8868	7500	Kg
10	15	20	25	30	30,4	35	40	45	50	55	m
18000	18000	18000	18000	18000	18000	14785	12267	10320	8768	7400	Kg

50 m

10	15	20	25	30	35	40	41,7	45	50	m
12000	12000	12000	12000	12000	12000	12000	12000	10680	9000	Kg
10	15	20	23	25	30,9	35	40	45	50	m
18000	18000	18000	18000	18000	18000	14948	12485	10580	8900	Kg
10	15	20	24,4	25	30	35	40	45	50	m
24000	24000	24000	24000	22635	17986	14702	12258	10367	8700	Kg

45 m

10	15	20	25	30	32	35	40,3	45	m
12000	12000	12000	12000	12000	12000	12000	12000	10000	Kg
10	15	20	22	29,7	30	35	40	45	m
18000	18000	18000	18000	18000	17489	14323	11967	9900	Kg
10	15	20	23,4	25	30	35	40	45	m
24000	24000	24000	24000	21685	17235	14092	11752	9700	Kg

40 m

10	15	20	25	30	32	35	40	m
12000	12000	12000	12000	12000	12000	12000	12000	Kg
10	15	20	25	27	30	35	40	m
18000	18000	18000	18000	18000	18000	14748	11900	Kg
10	15	20	23,6	25	30	35	40	m
24000	24000	24000	24000	22026	17567	14417	11700	Kg

35 m

10	15	18	25	30	33	35	m
12000	12000	12000	12000	12000	12000	12000	Kg
10	15	20	23	25	31,3	35	m
18000	18000	18000	18000	18000	18000	15000	Kg
10	15	20	24,6	25	30	35	m
24000	24000	24000	24000	23331	18681	14800	Kg

SÁEZ cranes SL 450

Mecanismos - Mechanisms - Antriebe - Mécanismes - Meccanismi - Приводы

126 Hp (93Kw)-INV
LEBUS 880 m

		H.B.G. 440m Ø20			H.B.G. 290m Ø20		
Elevación	m/min	0→39	0→99	0→143	0→26	0→66	0→96
	Kg	12000	4500	1900	18000	6750	2850
	Kw	93	93	93	93	93	93

H.B.G. 220m Ø20		
0→19	0→34	0→72
24000	9000	3800
93	93	93

Elevación de pluma		2 min. de 15° a 85° 2 minutes from 15° to 85°
	Kw	93
Orientación	r.p.m.	0→0,72
	Kw	2 x 21
Traslacion	m/min	(i)
	Kw	(i)

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

2000/14/CEE 2005/88/CEE	2006/95 /CEE	400 V 50 Hz 60 Hz	100m 4x95mm2

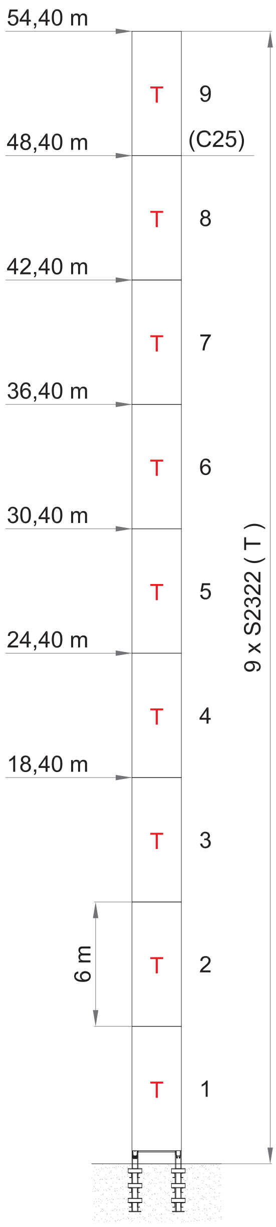
500 kVA	220 KW

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

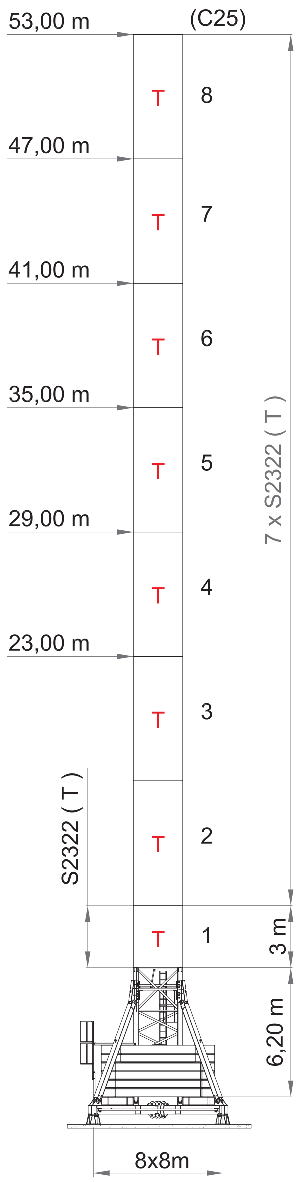
SL 450

FEM 1005 / EN 14439 - Mástil - Masts - Maste - Mat - Torre - Комплектация башни

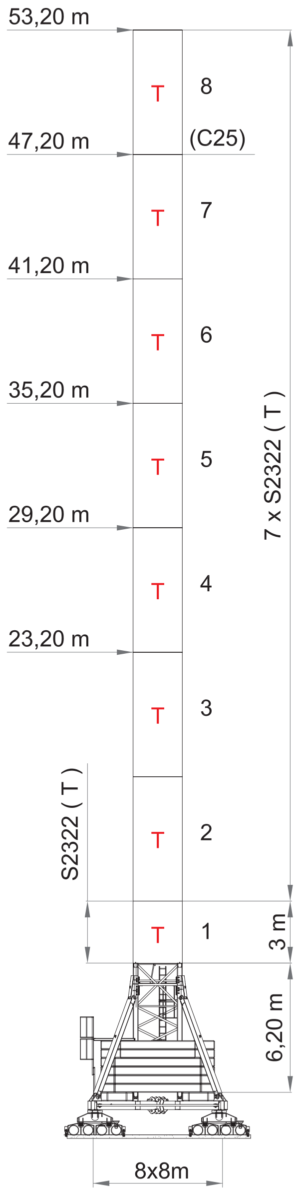
T = S2322 16/16 M45L
U = S2326 16/16 M52L



D



A-B-E



C

D

(m)	max. H(m)	
	FEM 1005 C25	FEM 1001
35	48,40	54,40
40	48,40	48,40
45	48,40	48,40
50	42,40	48,40
55	42,40	42,40
60	42,40	42,40
65	36,40	36,40

A-B-E

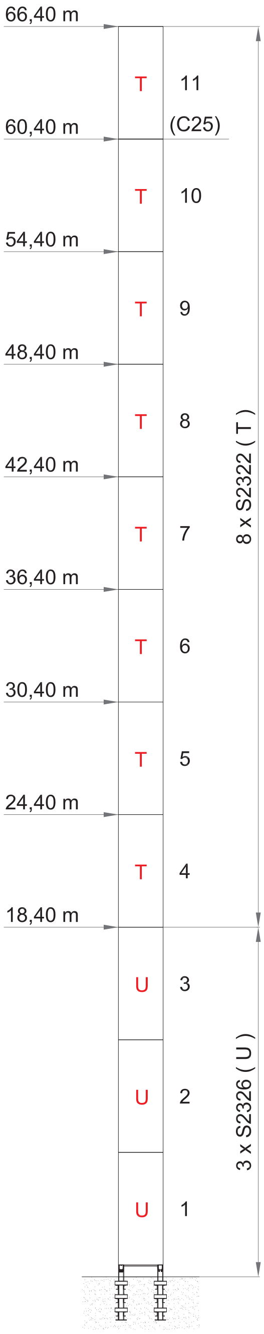
(m)	max. H(m)	
	FEM 1005 C25	FEM 1001
35	53,00	53,00
40	47,00	53,00
45	47,00	47,00
50	47,00	47,00
55	41,00	47,00
60	41,00	41,00
65	35,00	35,00

C

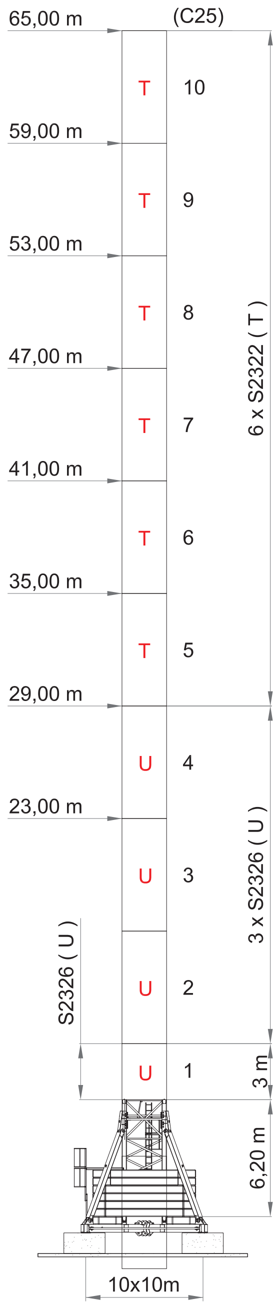
(m)	max. H(m)	
	FEM 1005 C25	FEM 1001
35	47,20	53,20
40	47,20	47,20
45	47,20	47,20
50	47,20	47,20
55	41,20	41,20
60	41,20	41,20
65	35,20	35,20

SL 450

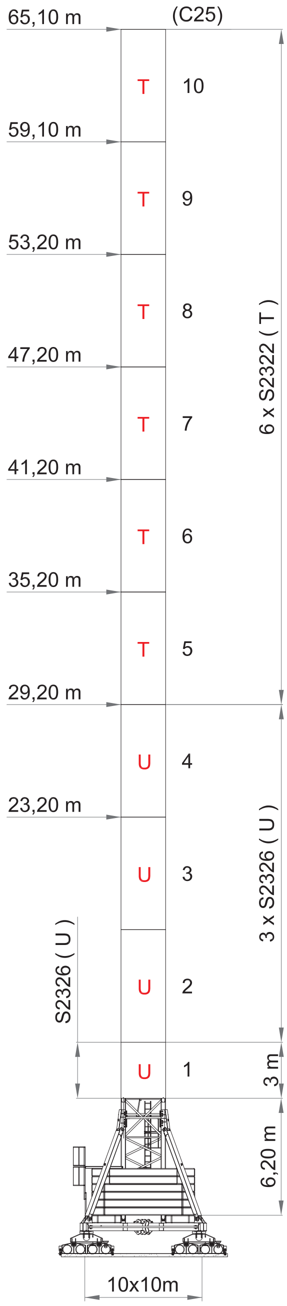
T = S2322 16/16 M45L
U = S2326 16/16 M52L



D



F



G

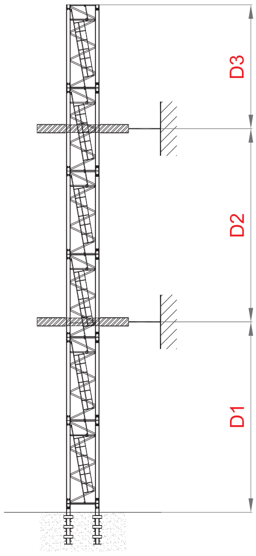
(m)	max. H(m)	
	FEM 1005 C25	FEM 1001
35	60,40	66,40
40	60,40	60,40
45	54,40	60,40
50	54,40	60,40
55	54,40	54,40
60	48,40	54,40
65	42,40	48,40

(m)	max. H(m)	
	FEM 1005 C25	FEM 1001
35	65,00	65,00
40	59,00	59,00
45	59,00	59,00
50	59,00	59,00
55	53,00	53,00
60	53,00	53,00
65	53,00	53,00

(m)	max. H(m)	
	FEM 1005 C25	FEM 1001
35	65,10	65,10
40	59,10	65,10
45	59,10	65,10
50	59,10	59,10
55	53,10	59,10
60	53,10	59,10
65	53,10	53,10

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

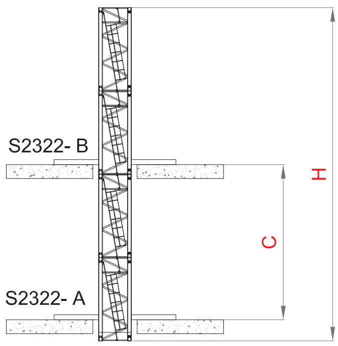
TREPADO EXTERNO / EXTERNAL CLIMBING / GEANKERTER KRAN /
GRUE ANDRÉE / GRU ANCORATA / ВОСХОЖДЕНИЕ ЭКСТЕРНО

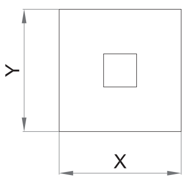


"T"
S 23 22

	D1 min/max	D2 min/max	D3 max
35m	36m/42m	24m/30m	24
40m	30m/42m	24m/30m	24
45m	30m/36m	24m/30m	21
50m	30m/36m	24m/30m	21
55m	30m/36m	24m/30m	21
60m	24m/30m	24m/30m	18
65m	24m/30m	24m/30m	18

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



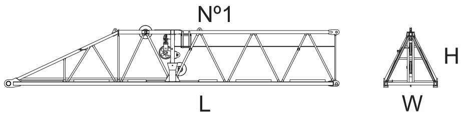
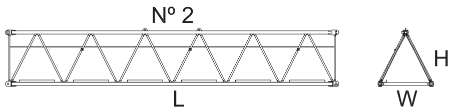
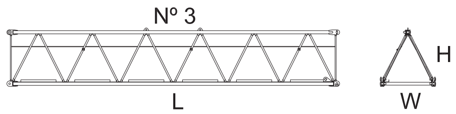
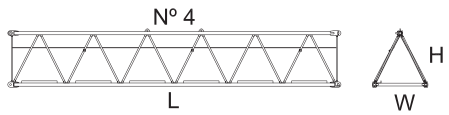
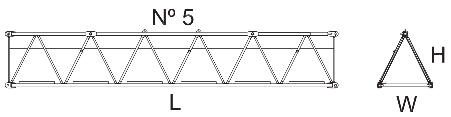
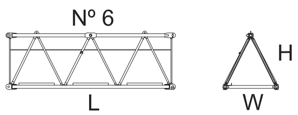
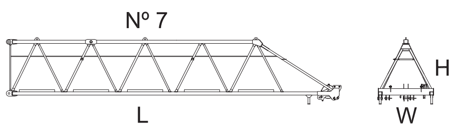
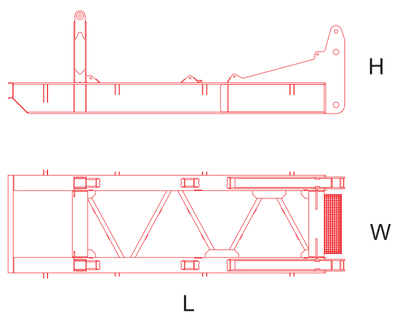


	C (m)	H (m)
35m	13	48
	15	54
	16	54
40m 45m 50m	13	42
	15	48
	16	48
55m 60m	13	36
	15	42
	16	42
65m	13	36
	15	36
	16	36

X (m)	3
Y (m)	2,5

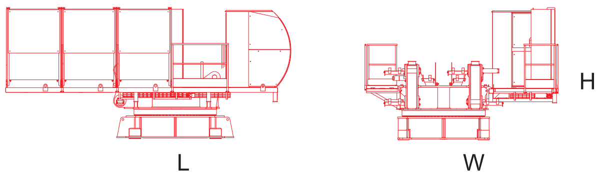
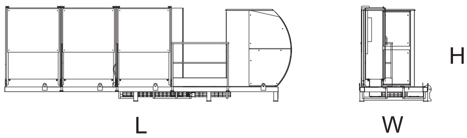
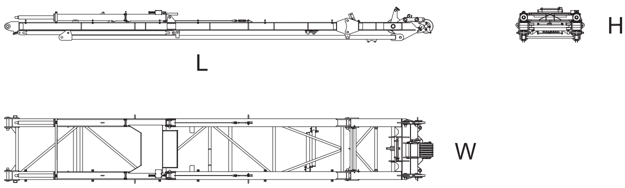
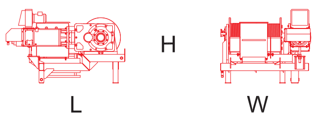
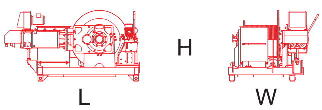
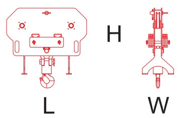
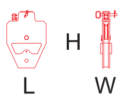
(i) Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage -
Другие высоты подьема и наращивание крана по запросу

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

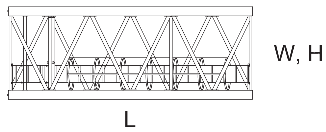
<table>
<tr><th></th><th>L(m)</th><th>W(m)</th><th>H(m)</th><th>Peso(Kg)</th></tr>
<tr><td>Pluma tramo primero / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio / Корневая секция стрелы
</td><td>10,4</td><td>1,91</td><td>1,93</td><td>3300</td></tr>
<tr><td>Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück / Elément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы
</td><td>10,37</td><td>1,90</td><td>1,91</td><td>1710</td></tr>
<tr><td>Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück / Elément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы
</td><td>10,37</td><td>1,90</td><td>1,91</td><td>1660</td></tr>
<tr><td>Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück / Elément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы
</td><td>10,37</td><td>1,90</td><td>1,91</td><td>1510</td></tr>
<tr><td>Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück / Elément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы
</td><td>10,37</td><td>1,90</td><td>1,91</td><td>1590</td></tr>
<tr><td>Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück / Elément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы
</td><td>5,27</td><td>1,90</td><td>1,91</td><td>710</td></tr>
<tr><td>Elemento final de pluma / Intermediate jib section / Ausleger-Zwischenstück / Elément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы
</td><td>10,50</td><td>1,90</td><td>1,91</td><td>1520</td></tr>
<tr><td>Contrapluma / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio / Консоль противовеса
</td><td>6,55</td><td>2,10</td><td>2,50</td><td>7545</td></tr>
</table>

SL 450

SÁEZ cranes

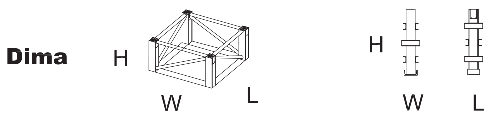
	L(m)	W(m)	H(m)	Peso(Kg)
Unidad de rotacion / Complete slewing unit / Drehbühne / Orientation / Rotazione / Оголовок башни 	4,60	4,84	3,34	14985
Cabina y soporte / Cabin and platform / Kabine und wartungs / Cabine et support / Cabina e supporto / Кабина с основой 	7,59	1,82	2,32	3035
Caballete de pluma / Jib gantry / Auslegerabspannbock / Chevalet de haubange de flèche / Tirante braccio / портáл стрелы 	12,9	1,92	1,07	6820
Equipo de elevacion / Hoist winch / Heben / Levage / Sollevamento / подъёмник 	2,8	2,25	1,61	4050
Equipo de Pluma abatible / Luffing winch / Einziehwerk / Relevage / Brandeggio / Стрелоподъемный механизм 	2,8	2,21	1,60	4300
Gancho Inferior / Lower Hook / Den unteren Haken / Crochet inférieure/ Gancio inferiore / Нижний крюк 	1,32	0,52	1,19	649
Gancho Superior / Upper Hook / Oberen Haken / Crochet supérieur / Gancio superiore / Верхний крюк 	0,60	0,17	0,86	292

Elemento de torre S23 / Tower section S23 / Turmstück S23 / Elément de mât S23 / Elemento di torre S23 / Башенные секции S23



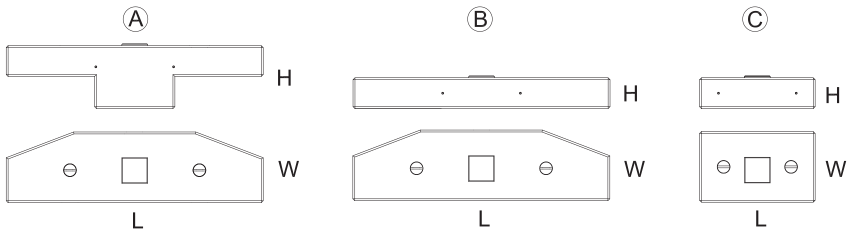
	L(m)	W(m)	H(m)	Peso(Kg)
T	3	2,27	2,29	3250
T	6	2,27	2,29	4650
U	3	2,31	2,34	4134
U	6	2,31	2,34	6198

Elemento de empotre / Foundation anchor / Fundamentanker / Pieds de scellement El annegare / Анкерные крепления



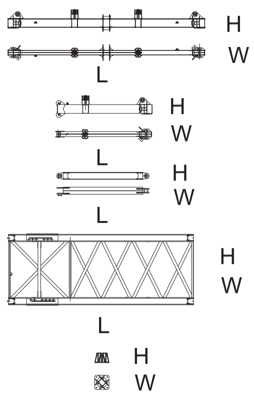
	L(m)	W(m)	H(m)	Peso(Kg)
S75R16/22	0,5	0,5	2	2840
S75R16/26	0,5	0,5	2,4	3160
DIMA	2,31	2,34	0,8	1650

Bloque de contrapeso / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso / Плита противовеса



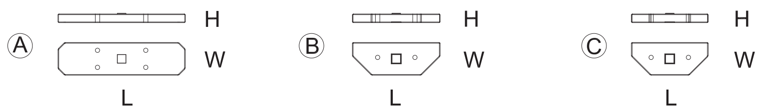
	L(m)	W(m)	H(m)	Peso(Kg)
A	4	1,1	1,01	6200
B	4	1,1	0,51	4500
C	1,8	1,1	0,51	2250

Base C80T / Crossbase C80T / Fundamentkreuz C80T / Châsis C80T / Carro base C80T



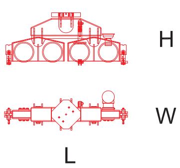
	L(m)	W(m)	H(m)	Peso(Kg)
	11,8	0,72	0,83	2900
(x2)	5,9	0,67	0,83	1420
(x4)	5,38	0,28	0,28	900
	6	2,27	2,29	6500
(x4)	0,65	0,65	0,45	230

Bloque lastre de base C80T / Base ballast block C80T / Grundballastblöcke C80T / Bloc de lest de base C80T / Blocco di zavorra alla base C80T

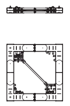
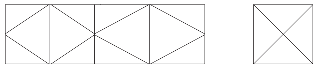
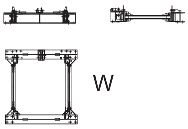
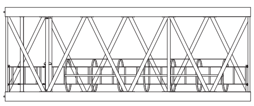
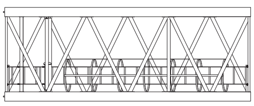


	L(m)	W(m)	H(m)	Peso(Kg)
A	5,8	1,5	0,43	8000
B	4	1,5	0,43	4900
C	3,5	1,5	0,43	4200

Traslacion / Travelling bogies / Kranfahren / Traslation / Traslazione



	L(m)	W(m)	H(m)	Peso(Kg)
(x4)	2,94	1,25	0,97	3102

	L(m)	W(m)	H(m)	Peso(Kg)
Marco trepado externo / Tie-frame / Cadre d´encrage externe / Sopralzo con ancoraggio esterno / внешняя рамка пристежки  H W L	3,52	3,49	0,42	3900
Jaula de telescopaje tipo S23 / Climbing cage type S23 / Hydraulikbühne S23 / Cage de telescopage type S23 / Gabbia di montaggio S23 / Монтажная обойма S23				
Completa / Full / Vollständige / Complete / completa / полный  L W H	11,6	3,2	3,3	13500
Estructura / Steel frame / Struktur / Construction / Struttura / структура				9550
Hidraulico y accesorios / Hydraulic and accessories / Hydraulik-und Zubehör / hydraulique et accessoires / idrauliche ed accessori / Гидравлические и аксессуары				3950
Marco trepado interno S23 / Floor climbing frame S23 / Cadre d´encrage interne S23 / Sopralzo interno S23 / внутренняя рамка пристежки S23  H W L	3,2	2,8	0,6	4720
Hidraulico y accesorios / Hydraulic and accessories / Hydraulik-und Zubehör / hydraulique et accessoires / idrauliche ed accessori / Гидравлические и аксессуары				3081
Tramo trep. A S23 / Tower section A S23 / Turmstück A S23 / Elément de mât A S23 / Elemento di torre a S23 / Башенные секции A S23  W, H L	A 6	2,27	2,29	4854
Tramo trep. B S23 / Tower section B S23 / Turmstück B S23 / Elément de mât B S23 / Elemento di torre B S23 / Башенные секции B S23  W, H L	B 6	2,27	2,29	4850

40" HC x 14 - HBG 36 mt

x 13 - HBG 36 mt

SÁEZ cranes

Notas / Notes