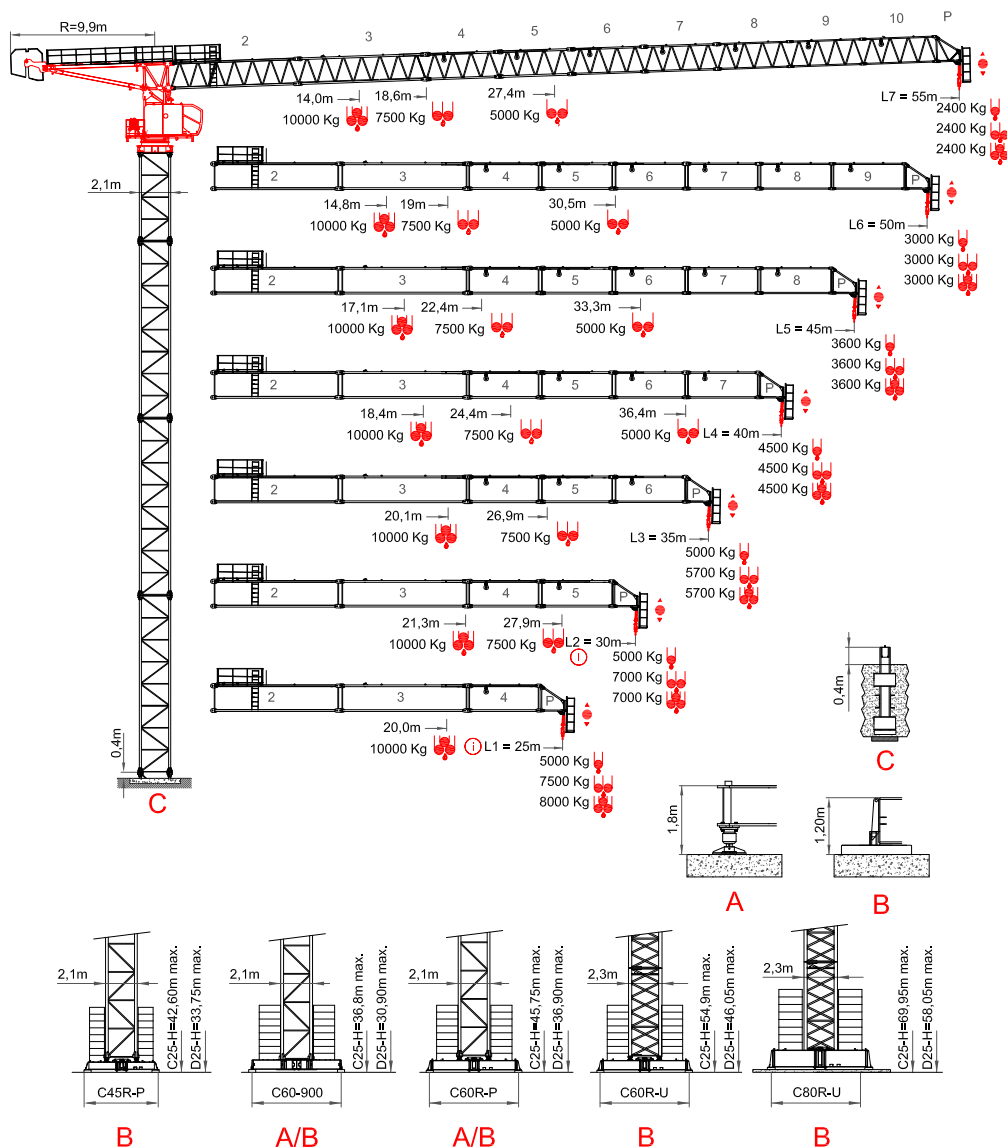


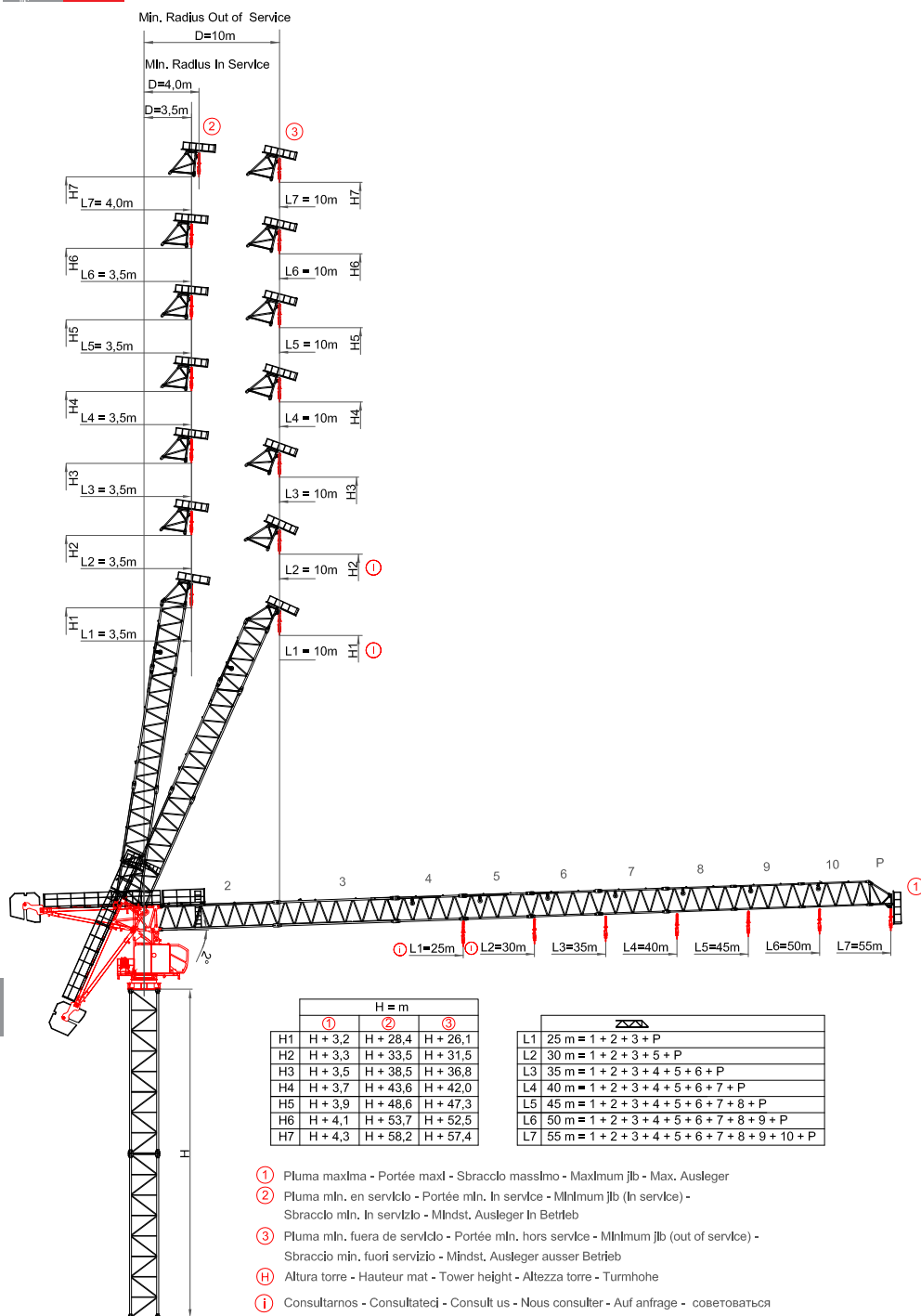


① Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage - Другие высоты советовать



DIN/FEM **CE**
EN 14439-FEM 1005- C25/D25





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

55 m



Max. load	10	15	20	25	30	35	40	45	50	55	m
27,4m	5000	5000	5000	5000	4790	3940	3380	3010	2680	2400	Kg
27,4m	5000	5000	5000	5000	4810	4250	3830	3250	2900	2600	Kg Superlift
18,6m	7500	7500	7070	5760	4880	3990	3420	3030	2690	2400	Kg
18,6m	7500	7500	7160	6250	4880	4300	3870	3270	2910	2600	Kg Superlift
14,0m	10000	9300	7150	5820	4920	4020	3440	3040	2700	2400	Kg
14,0m	10000	9500	7780	6310	4920	4330	3890	3280	2920	2600	Kg Superlift

50 m



Max. load	10	15	20	25	30	35	40	45	50	m
30,5m	5000	5000	5000	5000	5000	4390	3870	3340	3000	Kg
32,2m	5000	5000	5000	5000	5000	4820	4100	3670	3300	Kg Superlift
21,0m	7500	7500	7500	6490	5230	4430	3900	3350	3000	Kg
21,0m	7500	7500	7500	7090	5800	4860	4130	3680	3300	Kg Superlift
14,8m	10000	9800	7930	6540	5260	4450	3910	3360	3000	Kg
16,9m	10000	10000	8570	7140	5800	4880	4140	3690	3300	Kg Superlift

45 m



Max. load	10	15	20	25	30	35	40	45	m
33,3m	5000	5000	5000	5000	5000	4630	4100	3600	Kg
34,6m	5000	5000	5000	5000	5000	5000	4450	4000	Kg Superlift
22,4m	7500	7500	7500	6640	5670	4800	4120	3600	Kg
22,4m	7500	7500	7500	7340	6490	5360	4460	4000	Kg Superlift
17,1m	10000	10000	8450	6680	5690	4800	4120	3600	Kg
18,9m	10000	10000	9260	7380	6520	5380	4460	4000	Kg Superlift

40 m



Max. load	10	15	20	25	30	35	40	m
36,4m	5000	5000	5000	5000	5000	5000	4500	Kg
37,8m	5000	5000	5000	5000	5000	5000	4900	Kg Superlift
24,4m	7500	7500	7500	7270	6250	5260	4500	Kg
25,8m	7500	7500	7500	7500	6540	5720	4900	Kg Superlift
18,4m	10000	10000	9550	7300	6270	5260	4500	Kg
19,9m	10000	10000	10000	7920	6550	5730	4900	Kg Superlift

35 m



Max. load	10	15	20	25	30	35	m
35,0m	5000	5000	5000	5000	5000	5000	Kg
35,0m	5000	5000	5000	5000	5000	5000	Kg Superlift
26,9m	7500	7500	7500	7500	6650	5700	Kg
28,8m	7500	7500	7500	7500	7220	6200	Kg Superlift
20,1m	10000	10000	10000	8240	6650	5700	Kg
20,1m	10000	10000	10000	8990	7230	6200	Kg Superlift

30 m



Max. load	10	15	20	25	30	m
30,0m	5000	5000	5000	5000	5000	Kg
30,0m	5000	5000	5000	5000	5000	Kg Superlift
27,9m	7500	7500	7500	7500	7000	Kg
30,0m	7500	7500	7500	7500	7500	Kg Superlift
21,3m	10000	10000	10000	8390	7000	Kg
21,3m	10000	10000	10000	9260	7500	Kg Superlift

25 m



Max. load	10	15	20	25	m
25,0m	5000	5000	5000	5000	Kg
25,0m	5000	5000	5000	5000	Kg Superlift
25,0m	7500	7500	7500	7500	Kg
25,0m	7500	7500	7500	7500	Kg Superlift
20,0m	10000	10000	10000	8000	Kg
20,0m	10000	10000	10000	8000	Kg Superlift

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

Mecanismos - Mechanisms - Antriebe - Mécanismes - Meccanismi - Приводы

50Hp (37Kw) INV										
	LEBUS 715m  H. 330m Ø12,5				LEBUS 715m  H. 220m Ø12,5					
		m/min	0—42 *	0—63	0—90	0—120	0—28 *	0—42	0—60	0—80
	Kg	5000	3200	2000	1375	7500	4800	3000	2065	
	Kw	37	37	37	37	37	37	37	37	

* Max. hoisting speed with SuperLift mode activated

				
LEBUS 715m  H. 165m Ø12,5				
	0—21 *	0—31,5	0—45	0—60
	10000	6400	4000	2750
	37	37	37	37

	 2 min. de 15° a 85° 2 minutes from 15° to 85°	
	Kw	22
	r.p.m.	0—0,8
	Kw	2 x 7,5

	m/min	12—24
	Kw	4 x 3

50Hp (37Kw) - INV

		400 V 50 Hz	I _{max} = 147 A	Fuse = 160 A	TOTAL POWER	GENERATOR	100m	150m	200m
		480 V 60 Hz	I _{max} = 122 A	Fuse = 150 A	93 KVA	153 KVA	4x50mm ²	4x50mm ²	4x50mm ²

* Opcional / Optional / Opzionale

 Elevación / Hoisting / Heben / Levage / Sollevamento

 Elevación de pluma / Luffing / Ausleger-Einziehen / Relevage / Brandeggio

 Orientación / Stewing / Schwenken / Orientation / Rotazione

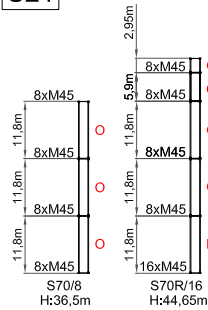
 Traslación / Travelling / Schienenfahren / Translation / Traslazione

 Cable / Rope / Seil / Câble / Fune

FEM 1005 - C25-D25 / EN 14439 - Mástil - Masts - Maste - Mat - Torre - Комплектация башни

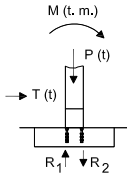
S21

O = S21 8/8
P = S21 16/8
T = S2322 16/15 M45L
U = S2326 16/16 M52L
X = C2322/21
Z = S2330 16/24 M52L
ZR = S2330R 24/24 M52L

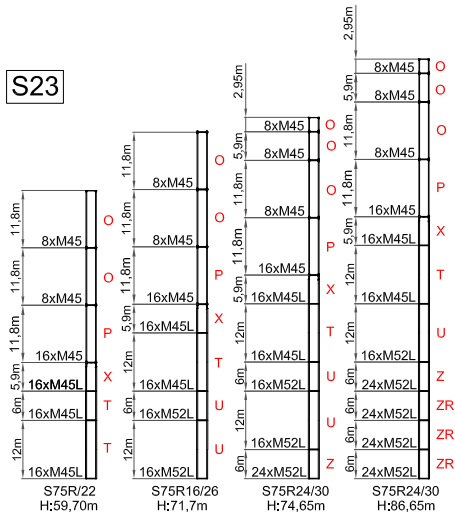


55 m

C25	TH (m)	36.5	44.65
	M (T·m)	480,90	658,3
	T (t)	13,4	15,41
	P (t)	69,20	73,8
	R ₁ (t)	157	220,2
D25	R ₂ (t)	-191,6	-257,1
	TH (m)	29,9	35,80
	M (T·m)	515,2	647,7
	T (t)	15,76	17,48
	P (t)	66,8	70,2
	R ₁ (t)	170,1	217,3
	R ₂ (t)	-203,5	-252,4



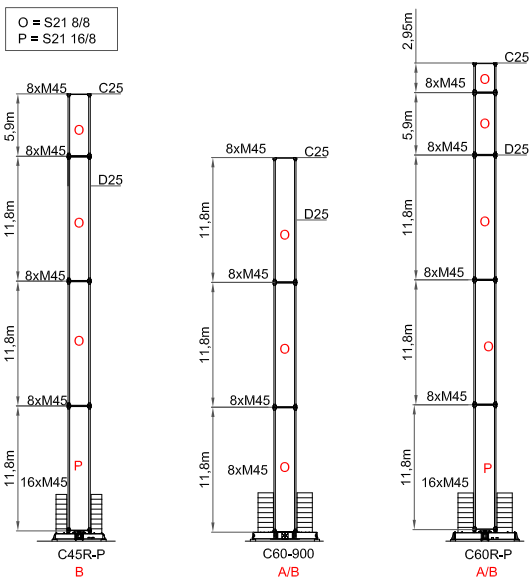
S23



55 m

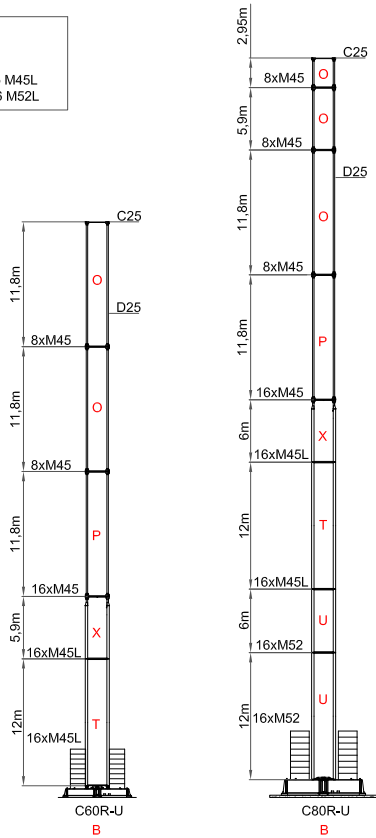
C25	TH (m)	59.70	71.70	74.65	86.65
	M (T·m)	1021,9	1384,1	1489,9	1947,1
	T (t)	20,05	24,21	25,56	29,75
	P (t)	88,6	102,75	107,95	120,55
	R ₁ (t)	330,3	451,7	486,9	641,4
D25	R ₂ (t)	-374,6	-503,0	-540,8	-701,7
	TH (m)	47,90	56,95	62,95	75,05
	M (T·m)	964,4	1257,7	1475,6	2021,1
	T (t)	22,1	26,25	28,83	35,08
	P (t)	81,4	92,85	99,25	115,75
	R ₁ (t)	312,2	410,6	484,1	668,2
	R ₂ (t)	-352,9	-457,0	-533,7	-726

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



C45R-P	C25	JIB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	42,60m	45,55m	45,55m	48,50m	51,45m	54,40m	57,35m
		R1 (t)	14,83	15,08	14,88	14,92	15,15	15,36	15,54
		R1 (t)	198,2	205,8	189,6	194,1	197,6	200,6	201,0
		Z (t)	220 t	225 t	205 t	205 t	210 t	210 t	210 t
C45R-P	D25	JIB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	33,75m	36,70m	39,65m	39,65m	42,60m	45,55m	48,50m
		R1 (t)	16,71	17,06	17,40	16,88	17,20	17,48	17,71
		R1 (t)	192,2	200,5	205,9	187,8	191,9	195,4	196,6
		Z (t)	170 t	180 t	180 t	160 t	165 t	170 t	170 t
C60-900	C25	JIB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	36,80m	39,75m	42,70m	45,65m	45,65m	48,60m	51,55m
		R1 (t)	13,52	13,78	14,04	14,28	13,87	14,08	14,26
		R1 (t)	117,9	122,5	125,3	126,2	116,1	117,5	117
		Z (t)	115 t	120 t	120 t	120 t	105 t	105 t	105 t
C60-900	D25	JIB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	30,90m	30,90m	33,85m	36,80m	39,75m	39,75m	42,70m
		R1 (t)	15,88	15,39	15,74	16,07	16,39	15,85	16,09
		R1 (t)	126,7	116,9	120	123,2	125,6	112,1	112,2
		Z (t)	95 t	85 t	85 t	90 t	90 t	75 t	80 t
C60R-P	C25	JIB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	45,75m	45,75m	48,70m	51,65m	54,60m	57,55m	60,50m
		R1 (t)	15,51	15,10	15,35	15,59	15,82	16,03	16,20
		R1 (t)	160,4	150,1	153,5	156,7	159,4	161,5	161,6
		Z (t)	160 t	145 t	150 t	150 t	150 t	150 t	150 t
C60R-P	D25	JIB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	36,90 m	39,85 m	39,85 m	42,80 m	45,75 m	48,70 m	51,65 m
		R1 (t)	17,59	17,94	17,42	17,74	18,06	18,33	18,56
		R1 (t)	158,5	164,6	151,2	154,8	157,8	160,4	161,3
		Z (t)	125 t	130 t	115 t	115 t	120 t	120 t	125 t

O = S21 8/8
 P = S21 16/8
 X = C2322/21
 T = S2322 16/15 M45L
 U = S2326 16/16 M52L



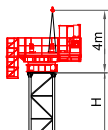
C60R-U	C25	QJB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	54.90 m	57.85 m	57.85 m	60.80 m	63.75 m	66.70 m	69.65 m
		T (t)	18.43	18.68	18.25	18.48	18.71	18.91	19.09
		R1 (t)	209.6	215.9	202.0	205.8	209.1	211.7	212.5
		Z (t)	215 t	220 t	220 t	205 t	210 t	210 t	210 t
C60R-U	D25	QJB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	46.05 m	49.00 m	51.95 m	51.95 m	54.90 m	57.85 m	60.80 m
		T (t)	21.37	21.70	22.01	21.47	21.77	22.04	22.27
		R1 (t)	214.9	221.9	226.6	210.8	214.7	217.9	219.4
		Z (t)	180 t	190 t	195 t	175 t	180 t	185 t	190 t
C80R-U	C25	QJB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	69.95 m	69.95 m	72.90 m	75.85 m	78.80 m	81.75 m	81.75 m
		T (t)	23.65	23.20	23.43	23.67	23.89	24.09	23.58
		R1 (t)	235.2	224.6	228.5	232.5	235.9	238.9	223.2
		Z (t)	230 t	215 t	220 t	225 t	225 t	230 t	215 t
C80R-U	D25	QJB (m)	55 m	50 m	45 m	40 m	35 m	30 m	25 m
		TH (m)	58.05 m	61.00 m	61.00 m	63.95 m	66.90 m	69.85 m	72.80 m
		T (t)	26.39	26.71	26.15	26.45	26.75	27.01	27.24
		R1 (t)	229.7	236.1	222.5	226.6	230.5	233.8	235.7
		Z (t)	190 t	195 t	185 t	190 t	195 t	200 t	205 t

Proceso de montaje - Assembling - Zusammensetzung - Montage- Montaggio - монтаж

1st STEP
OPTION A

TURNTABLE
CABIN SUPPORT

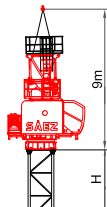
9600 KG



2nd STEP
OPTION A

TOWER TOP SECTION
JIB SECTION 1

7600 KG



1st & 2nd STEP
OPTION B

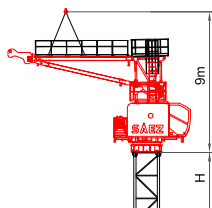
TURNTABLE
TOWER TOP SECTION
CABIN SUPPORT
JIB SECTION 1

17000 KG



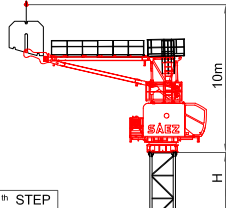
3rd STEP

COUNTERJIB
5000 KG



4th STEP

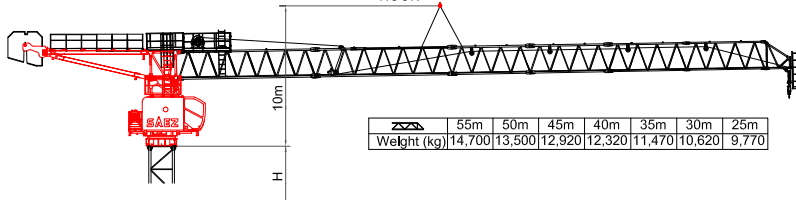
2 x COUNTERJIB BALLAST
2 x 5000 KG



5th STEP

JIB SECTIONS 2, 3, 4, 5, 6, 7, 8, 9, & 10

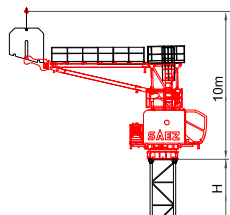
JIB END
HOISTING UNIT
HOOK



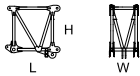
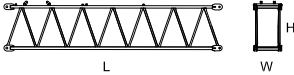
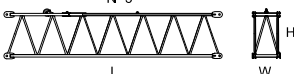
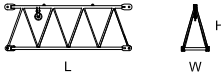
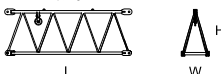
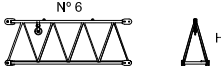
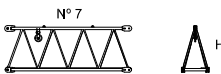
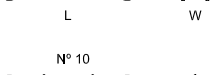
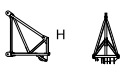
	55m	50m	45m	40m	35m	30m	25m
Weight (kg)	14,700	13,500	12,920	12,320	11,470	10,620	9,770

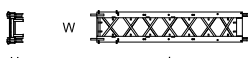
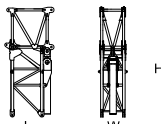
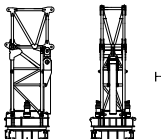
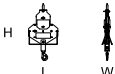
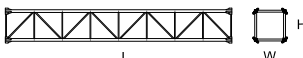
6th STEP

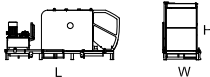
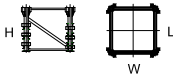
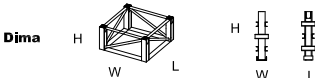
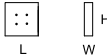
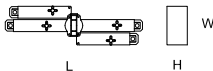
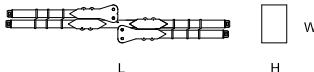
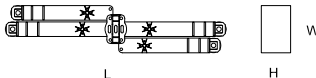
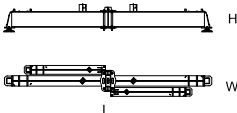
3 x COUNTER JIB BALLAST
3 x 5000 KG

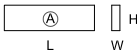
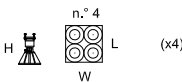
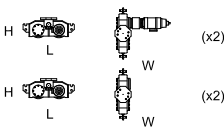
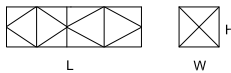
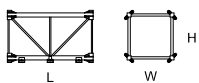


Dimensiones y transporte - dimensions and transport - Abmessungen und Transport - dimensions et des transports - dimensioni e trasporti - Размеры и транспорта

	L(m)	W(m)	H(m)	Peso(Kg)
Pluma tramo primero / Jib heel section / Ausleger-Antenstück / Pled de fleche / Settore articolato di braccio / Корневая секция стрелы				
N° 1 	2,26	1,2	2,22	2600
Elemento Intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы				
N° 2 	9,02	1,2	2,08	3400
N° 3 	9,02	1,2	2,06	2400
N° 4 	5,25	1,2	1,93	1180
N° 5 	5,25	1,2	1,93	1180
N° 6 	5,21	1,2	1,92	885
N° 7 	5,21	1,1	1,92	885
N° 8 	5,18	1,1	1,92	885
N° 9 	5,16	1,1	1,85	600
N° 10 	5,16	1,1	1,85	580
Elemento final de pluma / Intermediate jib section / Ausleger-Zwischenstück / Élément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы				
	1,81	1,1	2,08	560

	L(m)	W(m)	H(m)	Peso(Kg)								
Cesto Contrapluma / Counter-jib basket / Gegenausleger / Contre-fleche / Controbraccio 	1,80	3,32	0,96	2000								
Contrapluma / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio / Консоль противовеса 	6,52	1,24	0,67	1700								
Unidad de rotacion / Complete slewing unit / Drehbühne / Orientation / Rotazione / Оголовок башни   	2,30	1,35	5,10	7100	2,35	2,35	1,90	6100	2,40	2,30	6,25	13200
Gancho / Hook / Lasthaken / Crochet / Gancio / грузовая 	0,8	0,3	1,56	350								
Bloque de contrapeso / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso / Плита противовеса (A) 	A	2,2	0,51	2,2	5000							
Elemento de torre / Tower section / Turmstück / Élément de mât / Elemento di torre / Башенные секции 	O O O P Q X T T U U Z Z ZR	11,8 5,9 3 11,8 11,8 6 6 12 6 12 6 6	2,27 2,27 2,27 2,27 2,27 2,27 2,29 2,29 2,31 2,31 2,61 2,61	2,27 2,27 2,27 2,27 2,27 2,29 2,29 2,29 2,34 2,34 2,34 2,34	5044 2640 1545 5700 5900 4000 4780 9000 6200 11180 7825 7925							

	L(m)	W(m)	H(m)	Peso(Kg)	
Cabina y soporte / Cabin and platform / Kabine und wartungs / Cabline et support / Cabina e supporto / Кабина с основой 	5,2	1,75	2,40	3300	
Elemento de empotre / Foundation anchor / Fundamentanker / Pieds de scellement / El anegare / Анкерные крепления  	S70/8 S70R/16 S75R16/20 S75R16/22 S75R16/26 S75R24/30 DIMA	2,27 2,27 0,35 0,5 0,5 0,5 2,31	2,27 2,27 0,35 0,5 0,5 0,5 2,34	1,6 1,6 1,6 2,0 2,4 2,4 0,8	1122 1274 1200 1400 2100 3600 1650
Bloque apoyo de base / Base support block / Grundballastblöcke / Bloc de appui de base / Blocco di appoggio alla base 	2	0,5	2	5000	
Base C45R-P / base C45R-P / Hauptträger für fundamentkreuz C45R-P / Base C45R-P / Base C45R-P 	6,9	1,94	1,14	9000	
Base C60-900 / base C60-900 / Hauptträger für fundamentkreuz C60-900 / Base C60-900 / Base C60-900 	8,66	1,47	0,96	8625	
Base C60R-P-U / base C60R-P-U / Hauptträger für fundamentkreuz C60R-P-U / Base C60R-P-U / Base C60R-P-U 	9,01	1,94	1,35	13500	
Base C80R-U / base C80R-U / Hauptträger für fundamentkreuz C80R-U / Base C80R-U / Base C80R-U 	11,8	2,38	1,40	17200	

	L(m)	W(m)	H(m)	Peso(Kg)	
Bloque lastre de base / Base ballast block / Grundballastblock / Bloc de lest de base / Blocco di zavorra alla base	4,5 5,8	0,51 0,4	0,9 1,5	5000 8000	
					
Niveladores / Levellers / Splndel pyramide / Niveleurs / Piedi regolabile	1,20	1,20	0,90	250	
					
Traslacion / Travelling bogies / Kranfahren / Traslation / Traslazione	1,15 1,15	1,25 0,25	0,45 0,45	505 450	
					
Jaula de telescopaje tipo O 2.95 / Climbing cage type O 2.95 / Hydraulkbühne O 2.95 / Cage de telescopage type O 2.95 / Gabbia di montaggio O 2.95 / Монтажная обойма O 2.95	O-2,95	7,35	2,75	2,75	7000
Completa / Full / Vollständig/Complete / completa / полный	O-2,95				5400
					
Estructura / Steel frame / Struktur/ Construction / Struttura / структура	O-2,95				1600
Hidráulico y accesorios / Hydraulic and accessories / Hydraulik-und Zubehör / hydraulique et accessoires / Idrauliche ed accessori / Гидравлические и аксессуары	O-2,95				
Tramo trepador Otr / Tower section Otr/ Turmstück Otr/ Élément de mâture Otr/ Elemento di torre monolitico Otr / Башенные секции Otr	2,95 11,8	2,27 2,27	2,27 2,27	1475 4750	
					
Marco de trepado externo / Tie-frame/ Cadre d'encrage externe / Sopilazo con ancoraggio esterno / внешняя рамка пристяжки	2,31	2,31	0,26	950	
					



40" HC x 7 - HBG 36 m



x 7 - HBG 36 m