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SAEZ

CRANES

TL 555 5T

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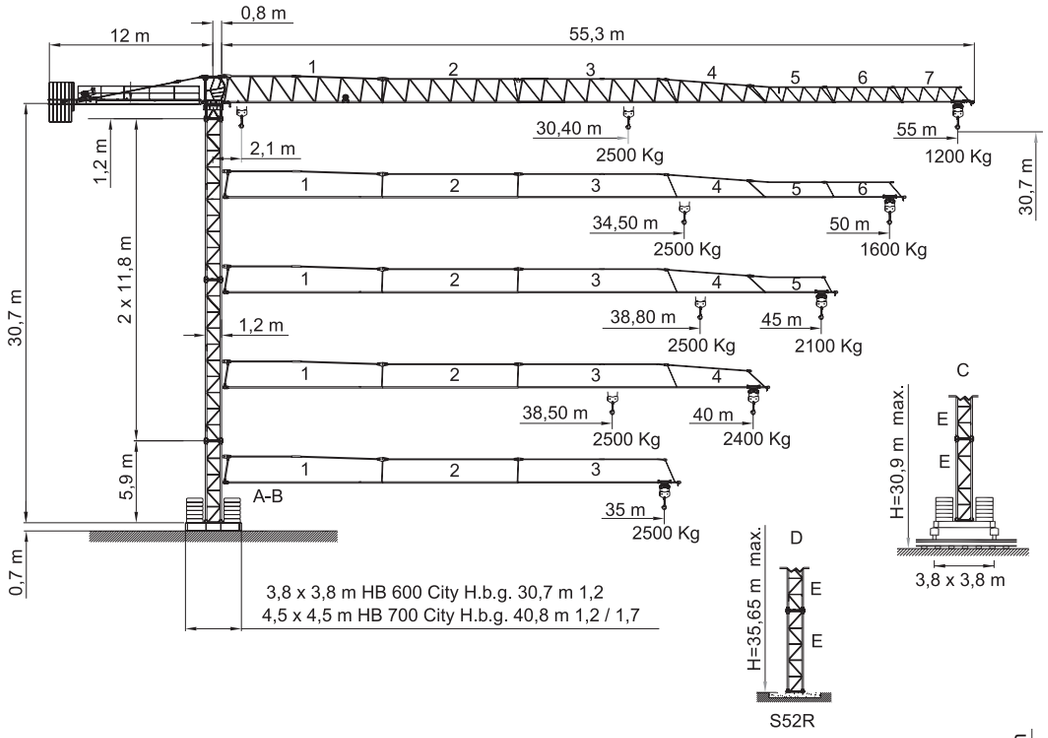
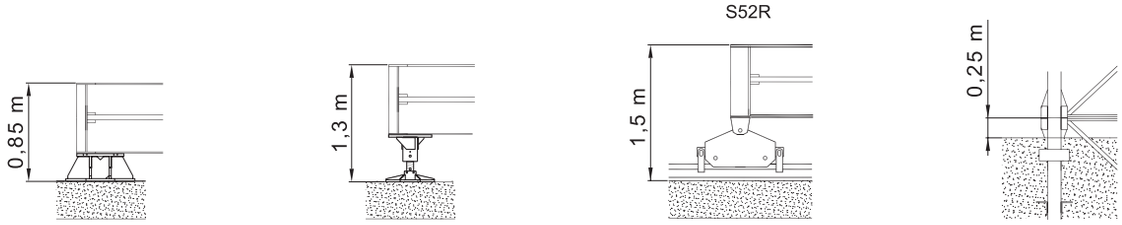
Sáez cranes

TL 555 5T





A B C D

Curvas de cargas
Load diagrams
Lastkurven
Courbes de charges
Curve di carico

55 m

24	25	26	28	30	30,4	33	35	37	39	40	43	45	48	50	52	55	m
2500	2500	2500	2500	2500	2500	2278	2123	1984	1861	1804	1648	1557	1434	1360	1292	1200	Kg
15	15,8	18	21	24	27	30	33	35	38	40	43	45	48	50	52	55	m
5000	5000	4341	3624	3092	2683	2358	2093	1943	1747	1634	1484	1395	1276	1205	1139	1050	Kg

50 m

24	25	26	28	30	33	34,5	35	37	39	40	43	45	48	50	m
2500	2500	2500	2500	2500	2500	2500	2468	2310	2169	2104	1928	1824	1684	1600	Kg
15	18	21	24	27	30	33	35	38	40	43	45	48	50		m
5000	5000	4221	3612	3143	2771	2468	2295	2071	1941	1769	1668	1531	1450		Kg

45 m

24	25	26	28	30	33	35	37	38,8	39	40	43	45	m
2500	2500	2500	2500	2500	2500	2500	2500	2500	2489	2416	2217	2100	Kg
15	18	20,3	21	24	27	30	33	35	38	40	43	45	m
5000	5000	5000	5000	4150	3619	3198	2855	2660	2407	2259	2065	1950	Kg

40 m

24	25	26	28	30	33	35	37	38,5	39	40	m
2500	2500	2500	2500	2500	2500	2500	2500	2500	2472	2400	Kg
15	18	20,2	21	24	27	30	33	35	38	40	m
5000	5000	5000	4820	4134	3605	3185	2843	2649	2396	2250	Kg

35 m

24	25	26	28	30	33	35		m
2500	2500	2500	2500	2500	2500	2500		Kg
15	18	20,2	21	24	27	30	33	35	m
5000	5000	5000	4822	4135	3606	3186	2844	2650	Kg

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Bloque de contrapeso
Counterweight blocks
Gegengewichtsblöcke
Bloc de contrepoid
Blocco di contrappeso

	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

* 33 Hp (24 Kw) INV H.B.G.120 S/R Ø10mm							
320m	m/min	40	60	80	20	30	40
	Kg	2500	2000	1500	5000	5000	3000
	Kw	24	24	24	24	24	24

25 Hp (18,5 Kw) 3V H.B.G. 84 S/R Ø10mm							
240m	m/min	8	31	62	4	16	31
	Kg	2500	2500	1500	5000	5000	2600
	Kw	18,5	18,5	18,5	18,5	18,5	18,5
	m/min	30 / 60			30 / 60		
	Kw	1,5 / 3			1,5 / 3		
	r.p.m	0,3	0,6	0,9	0,3	0,6	0,9
	Nm	2 x 40			2 x 40		
	m/min	20			20		
	Kw	2 x 2,2			2 x 2,2		

	25 m	50 m	100 m
33 Hp (24 KW) INV	4 x 25 mm²	4 x 25 mm²	4 x 25 mm²

CEI 38 IEC 38	400 V 50 Hz	* 380 V 60 Hz	* 33 Hp (24 Kw) INV 40 KW / 160 kVA

	25 m	50 m	100 m
25 Hp (18,5 KW) 3V	4 x 25 mm²	4 x 25 mm²	4 x 25 mm²
25 Hp (18,5 KW) INV	4 x 25 mm²	4 x 25 mm²	4 x 25 mm²

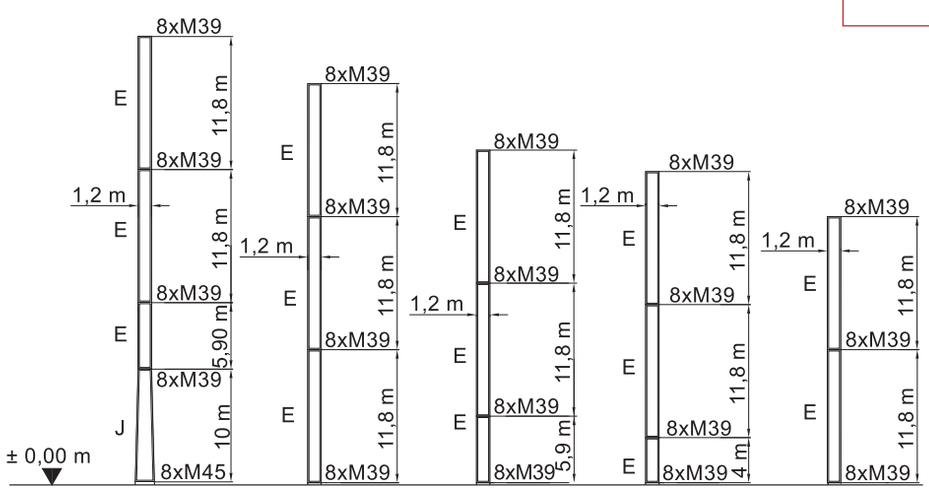
CEI 38 IEC 38	400 V 50 Hz	* 380 V 60 Hz	25 Hp (18,5 Kw) 3V 31KW / 120 kVA
			* 25 Hp (18,5 Kw) INV 31KW / 120 kVA

* 25 Hp (18,5 Kw) INV H.B.G. 94 S/R Ø10mm							
265m	m/min	8	31	62	4	16	31
	Kg	2500	2500	1500	5000	5000	2600
	Kw	18,5	18,5	18,5	18,5	18,5	18,5

* Opcional / Optional / Opzionale /
Elevación / Hoisting / Heben / Levage / Sollevamento
Distribución / Trolleying / Katzfahren / Distribution / Ditribuzione
Orientación / Slewing / Schwenken / Orientation / Rotazione
Traslacion / Travelling / Schienenfahren / Translation / Traslazione

Windzone A-B / DIN 15019
Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni

E: TORRE TL 55 1.20 M39/M39 8/8
J: CAMPANA S17 10m 1.2 /1.7 M39/M45 8/8



S60/8	S52R	S52R	S52R	S52R
H: 39,6 m	H: 35,45 m	H: 29,55	H: 27,95 m	H: 23,85
M(t.m): 255,1	M(t.m): 210	M(t.m): 176,6	M(t.m): 165,34	M(t.m): 143,17
T(t): 8,83	T(t): 7,54	T(t): 6,53	T(t): 6,20	T(t): 5,51
P(t): 52,68	P(t): 48,4	P(t): 44,94	P(t): 43,57	P(t): 41,47

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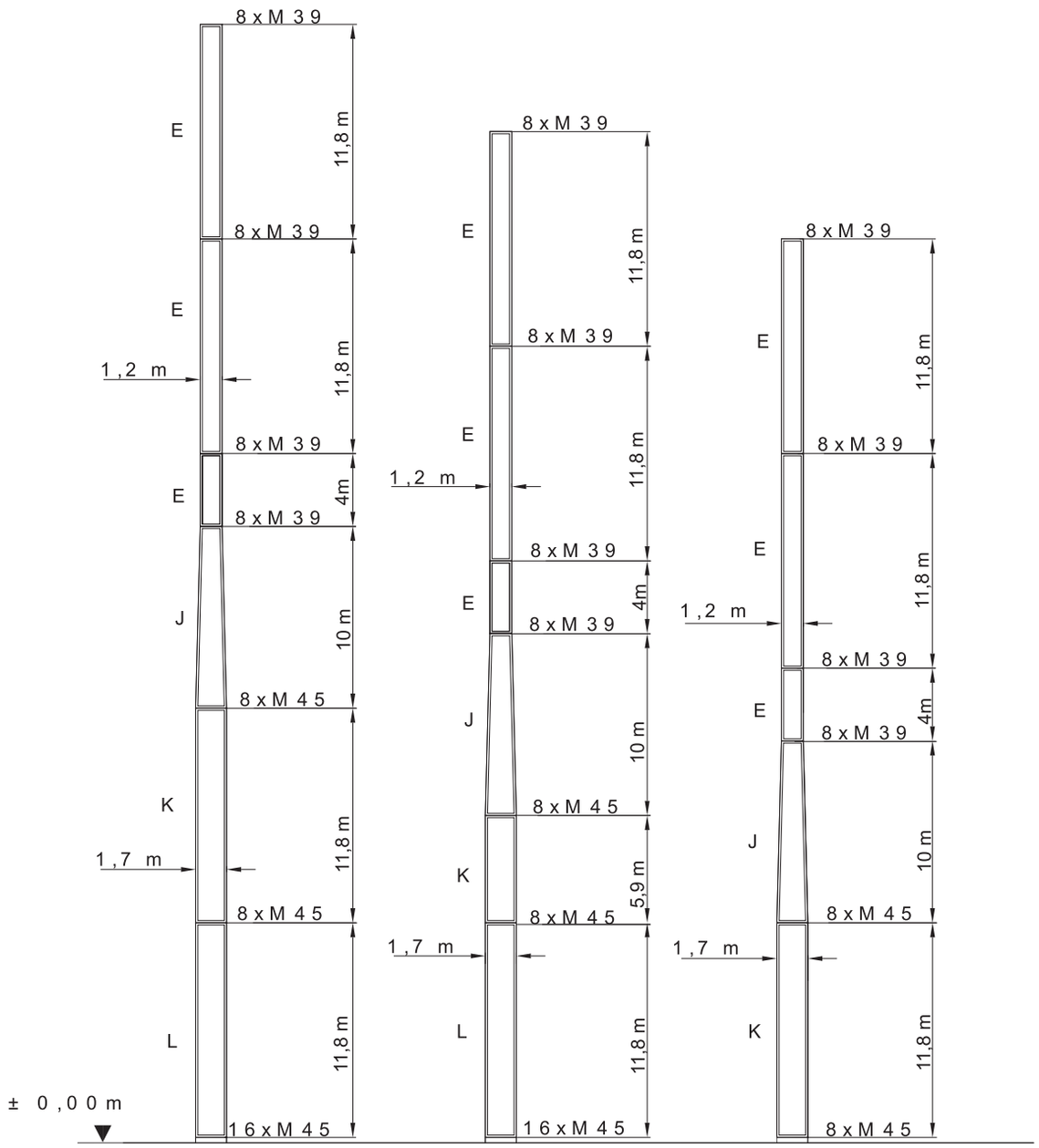
Windzone A-B / DIN 15019
Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni

D : T O R R E S /T L 5 0 - 5 2 1 . 2 0 M 3 9 / M 3 9 8 / 8
E : T O R R E T L 5 5 1 . 2 0 M 3 9 / M 3 9 8 / 8
J : C A M P A N A S 1 7 1 0 m 1 . 2 / 1 . 7 M 3 9 / M 4 5 8 / 8
K : T O R R E S 1 7 1 . 7 0 M 4 5 8 / 8
L : T O R R E S 1 7 1 . 7 0 M 4 5 1 6 / 8



S 6 0 R / 1 6	S 6 0 R / 1 6	S 6 0 / 8
H : 6 1 , 5 m	H : 5 5 , 6 m	H : 4 9 , 4 m
P (t): 5 6	P (t): 5 3 , 6 5	P (t): 5 1 , 2 3
T (t): 1 2 , 9 4	T (t): 1 1 , 8 4	T (t): 1 0 , 7 3
M (t·m): 5 5 4	M (t·m): 4 5 8	M (t·m): 3 7 1 , 3 3

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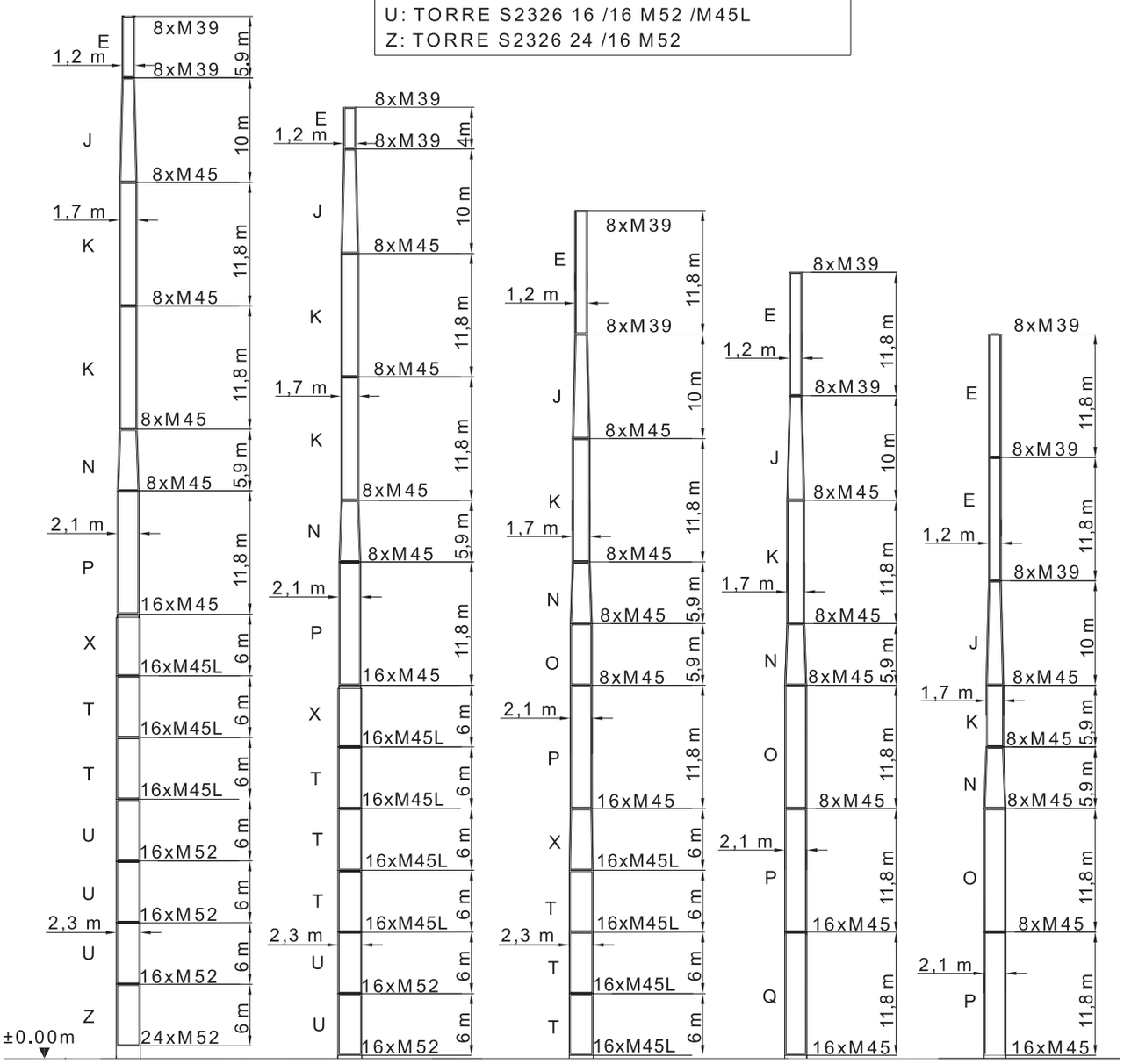
Windzone A-B / DIN 15019
Mástil / Reacciones
Masts / Reactions
Maste / Eckdrücke
Mat / Réactions
Torre / Reazioni

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
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



S75R24/26	S75R16/26	S75R16/22	S70R/16	S70R/16
H: 100.7 m	H: 91.6 m	H: 81,5 m	H: 75,2 m	H: 69,3 m
P(t): 77.472	P(t): 76.351	P(t): 147	P(t): 70,89	P(t): 57,8
T(t): 27.523	T(t): 24.465	T(t): 20	T(t): 17,51	T(t): 14,4
M(t·m): 1906,22	M(t·m): 1486,24	M(t·m): 1144,3	M(t·m): 875,5	M(t·m): 692,3

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Sáez cranes

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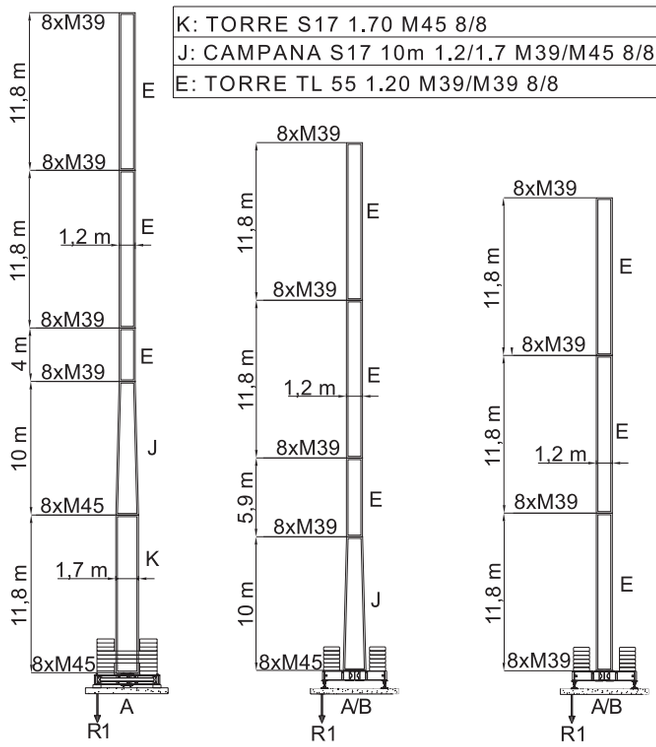
*EN SERVICIO / IN SERVICE
** FUERA SERVICIO / OUT OF SERVICE

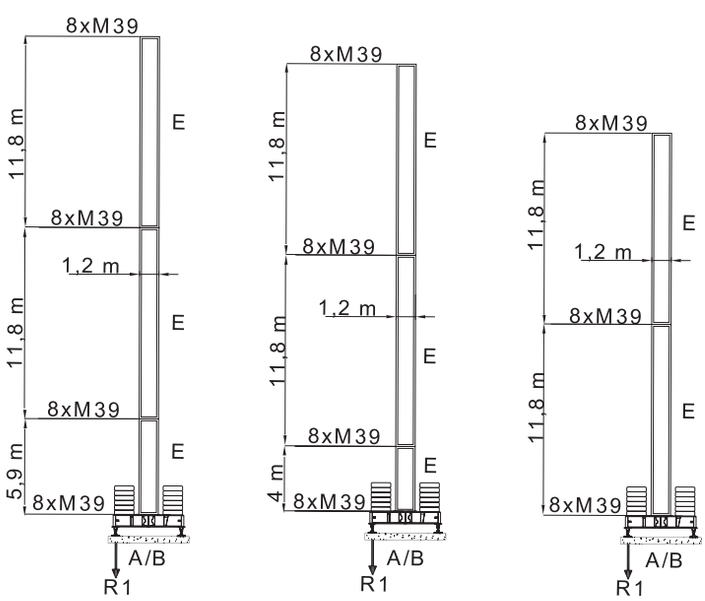
K: TORRE S17 1.70 M45 8/8
J: CAMPANA S17 10m 1.2/1.7 M39/M45 8/8
E: TORRE TL 55 1.20 M39/M39 8/8

Windzone A-B / DIN 15019
Bloque lastre de base
Base ballast block
Grundballastblöcke
Bloc de lest de base
Blocco di zavorra alla base



H(m): 50,6	H(m): 40,5	H(m): 36,5
4,5 x 4,5 -1,7-HM700	4,5 x 4,5 -1,2/1,7-HB700	4,5 x 4,5 -1,2/1,7-HB700
LASTRE: 121,6 Tn	LASTRE: 76 Tn	LASTRE: 60,8 Tn
	*R1= 60,4 Tn	*R1= 52,2 Tn
**R1= 104,6 Tn	**R1= 62,6 Tn	**R1= 49 Tn

K: TORRE S17 1.70 M45 8/8
J: CAMPANA S17 10m 1.2/1.7 M39/M45 8/8
E: TORRE TL 55 1.20 M39/M39 8/8



H(m): 30,5	H(m): 28,6	H(m): 24,6
3,8 x 3,8m 1,2 HB600	3,8 x 3,8m 1,2 HB600	3,8 x 3,8m 1,2 HB600
LASTRE: 60,8 Tn	LASTRE: 53,2 Tn	LASTRE: 45,6 Tn
*R1= 53,3 Tn	*R1= 50 Tn	*R1= 45,7 Tn
**R1= 44,9 Tn	**R1= 40,2 Tn	**R1= 32,8 Tn

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		L(m)	W(m)	H(m)	Peso(Kg)
Pluma tramo primero / Jib heel section / Ausleger-Anlenkstück / Pied de flèche / Settore articolato di braccio	1	11,74	1	1,85	2314
Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück / Elément interm. de flcche / Spezzone di braccio	2	10	1	1,8	1224
	3	11,5	1	1,8	1064
	4	6,5	1	1,8	502
	5	5	1	1,3	312
	6	5	1	1,19	262
	7	5	1	1,18	206
Contrapluma /Counter-jib / Gegenausleger / Contre-flcche / Controbraccio		11,49	0,32	1,29	2190
		4,05	0,30	0,58	102
Elemento de torre / Tower section/ Turmstück / Elcment de mât / Elemento di torre.	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
	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
Gancho y Carro / Hook and Trolley / Lasthaken - Laufkatze / Crochet - Chariot / Gancio e Carrello		0,75	0,12	1,40	164
		0,96	1,10	0,62	184
Cabeza de torre / Tower head / Turmspitze / Porte - flcche / Testa di torre		3,14	1,8	1,7	3198
Viga principal base / Main base beam / Hauptträger für fundamentkreuz/ Poutre de châssis de base / Trave principale della base		5,72	0,67	0,65	1570
Semiviga secundaria base / Half base beam / Halbträger für fundamentkreuz / Semipoutre de châssis de base / Semitrave secondaria della base		2,77	0,45	0,665	800
Elemento de empotre / Foundation anchor / Fundamentanker / Élément de scellement / El annegare.	S52R	1,2	1,38	1,42	594
	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
	S75R16/22 (4x)	0,50	0,50	2,5	710
	S75R16/26 (4x)	0,50	0,50	2,5	790
	S75R24/26 (4x)	0,50	0,50	2,5	850
	DIMA		2,31	2,34	0,8 1650

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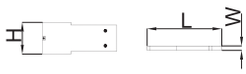
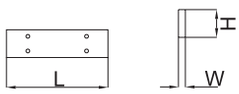
			L(m)	W(m)	H(m)	Peso(Kg)
Bloque de contrapeso / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso.		A	2,94	0,30	1,25	2300
		B	2,94	0,18	1,25	1400
		C	1,70	0,18	1,25	850
Bloque lastre de base / Base ballast block / Grundballastblöcke / Bloc de lest de base / Blocco di zavorra alla base.			4,4	1,2	0,3	3800

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DIN/FEM CE

UNE 58-101-92 FEM 1001-87
According to EC 98/37 instruction

Windzone A-B / DIN 15019
Viento max. fuerza de servicio 150km/h
Maximun wind speed out of service 150 km/h
Maximale windstärke, ohne Betrieb 150 km/h
Vent maximum, hors service 150 km/h
Vento max, fuori di servizio 150 km/h

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GROUP

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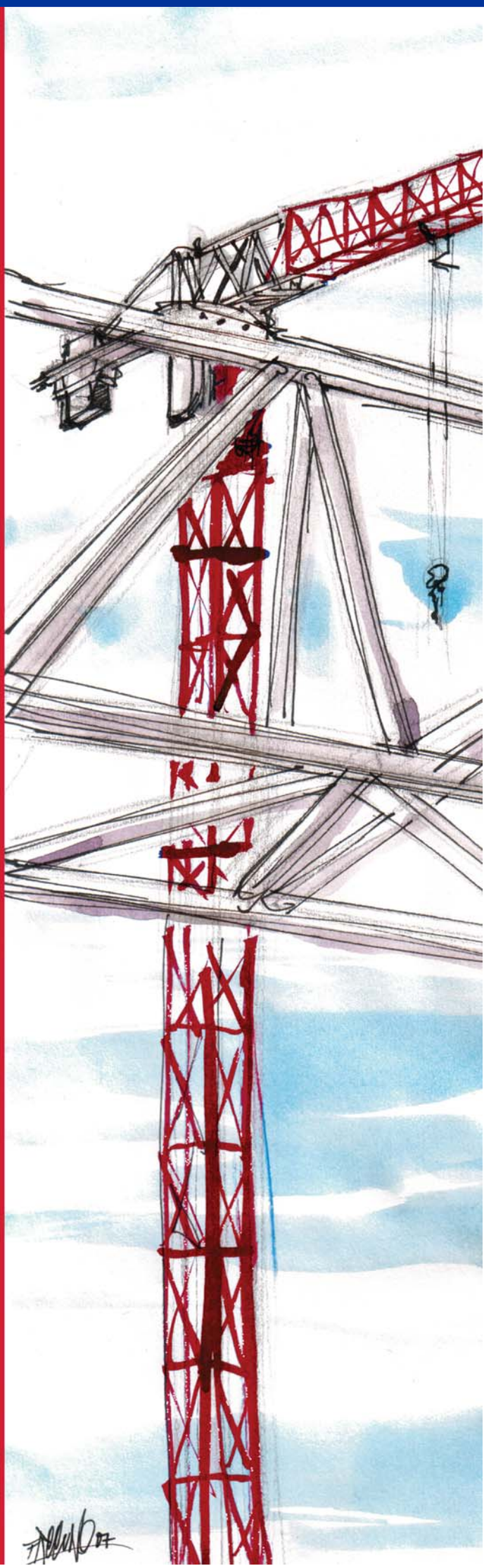

SAEZ Cranes. Autovía Murcia - San Javier. 30155
Baños y Mendigo . Murcia. Spain
T + 34 968 60 66 00 F + 34 968 60 66 08
saezcranes.com