

SAEZ

CRANES



S 41 2,5T

S41

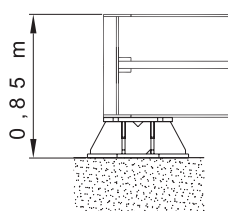
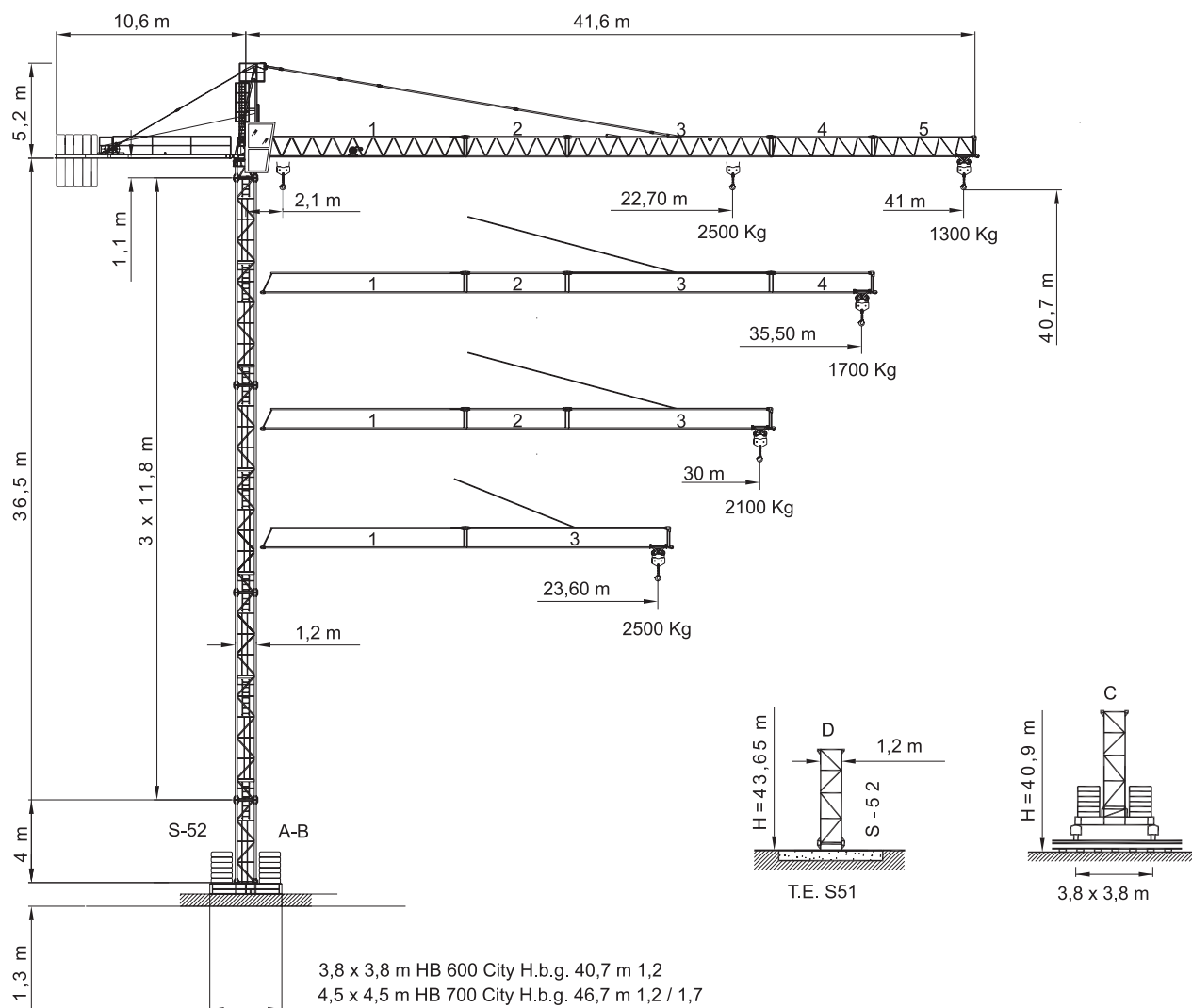
2,5T

DIN/FEM 

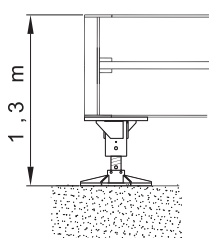
UNE 58-101-92 FEM 1001-87
According to EC 98/37 instruction

Windzone A-B / DIN 15019

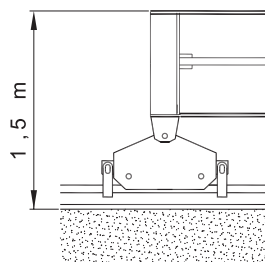
Viento max. fuerza de servicio 150km/h
Maximun wind speed out of service 150 km/h
Maximale windstärke, ohne Betrieb 150 km/h
Vent maximum, hors service 150 km/h
Vento max, fuori di servizio 150 km/h



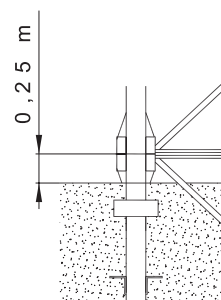
A



B



C



D

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

	41 m			35,5 m			30 m			23,6 m		
	A	B	C	A	B	C	A	B	C	A	B	C
	3	1	-	3	-	1	3	-	-	2	-	1
	8300 Kg			7750 Kg			6900 Kg			5450 Kg		

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

41 m	12	15	18	21	22,7	23,6	27	30	33	35,5	37	39	41	m
	2500	2500	2500	2500	2500	2406	2078	1850	1664	1532	1462	1377	1300	Kg

35,5 m	12	15	18	21	23,6	25	27	30	33	35,5	m
	2500	2500	2500	2500	2500	2500	2298	2048	1844	1700	Kg

30 m	12	15	18	21	23,6	25,5	27	30	m
	2500	2500	2500	2500	2500	2500	2356	2100	Kg

23,6 m	12	15	18	21	23,6	m
	2500	2500	2500	2500	2500	Kg

Mecanismos
Mechanisms
Antriebe
Mécanismes
Meccanismi

15 Hp (11,5 Kw) 3V

H.B.G. 84 S/R Ø 10 mm

		m/min	8	29	58
	240 m	Kg	2500	2500	1000
		Kw	11,5	11,5	11,5
		m/min	30 / 60		
		Kw	1,1 / 1,8		
		r.p.m	0,3	0,6	0,9
		Kw	5,5		
		m/min	20		
		Kw	2 x 2,2		

* Opcional / Optional / Opzionale /

Elevación / Hoisting / Heben / Levage / Sollevamento

Distribución / Trolleying / Katzfahren / Distribution / Distribuzione

Orientación / Slewing / Schwenken / Orientation / Rotazione

Traslacion / Travelling / Schienenfahren / Translation / Traslazione

	400 V 50 Hz	* 380 V 60 Hz	15 Hp (11,5 Kw) 3V 24 KW / 90 kVA
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	25 m	50 m	100 m
15 Hp (11,5 KW) 3V	4 x 16 mm ²	4 x 16 mm ²	4 x 25 mm ²

Mástil / Reacciones
 Masts / Reactions
 Maste / Eckdrücke
 Mat / Réactions
 Torre / Reazioni

Technical drawing of a crane structure showing four side elevations (C, J, K, L) and a plan view. The structure consists of a horizontal beam (41 m long) supported by a vertical column. The column is divided into sections with different heights and widths. The elevations show the profile of the column and the beam. The plan view shows the layout of the column sections. Dimensions are given in meters (m).

Side Elevation C: Shows the top view of the crane. The horizontal beam is 41 m long. The vertical column has a total height of 41 m, divided into sections of 11.8 m, 11.8 m, 11.8 m, 11.8 m, 10 m, 5.9 m, and 11.8 m. The beam is supported by a vertical column. The column is divided into sections with different heights and widths. The elevations show the profile of the column and the beam. The plan view shows the layout of the column sections. Dimensions are given in meters (m).

Side Elevation J: Shows the side view of the crane. The vertical column has a total height of 41 m, divided into sections of 11.8 m, 11.8 m, 11.8 m, 11.8 m, 10 m, 5.9 m, and 11.8 m. The beam is supported by a vertical column. The column is divided into sections with different heights and widths. The elevations show the profile of the column and the beam. The plan view shows the layout of the column sections. Dimensions are given in meters (m).

Side Elevation K: Shows the side view of the crane. The vertical column has a total height of 41 m, divided into sections of 11.8 m, 11.8 m, 11.8 m, 11.8 m, 10 m, 5.9 m, and 11.8 m. The beam is supported by a vertical column. The column is divided into sections with different heights and widths. The elevations show the profile of the column and the beam. The plan view shows the layout of the column sections. Dimensions are given in meters (m).

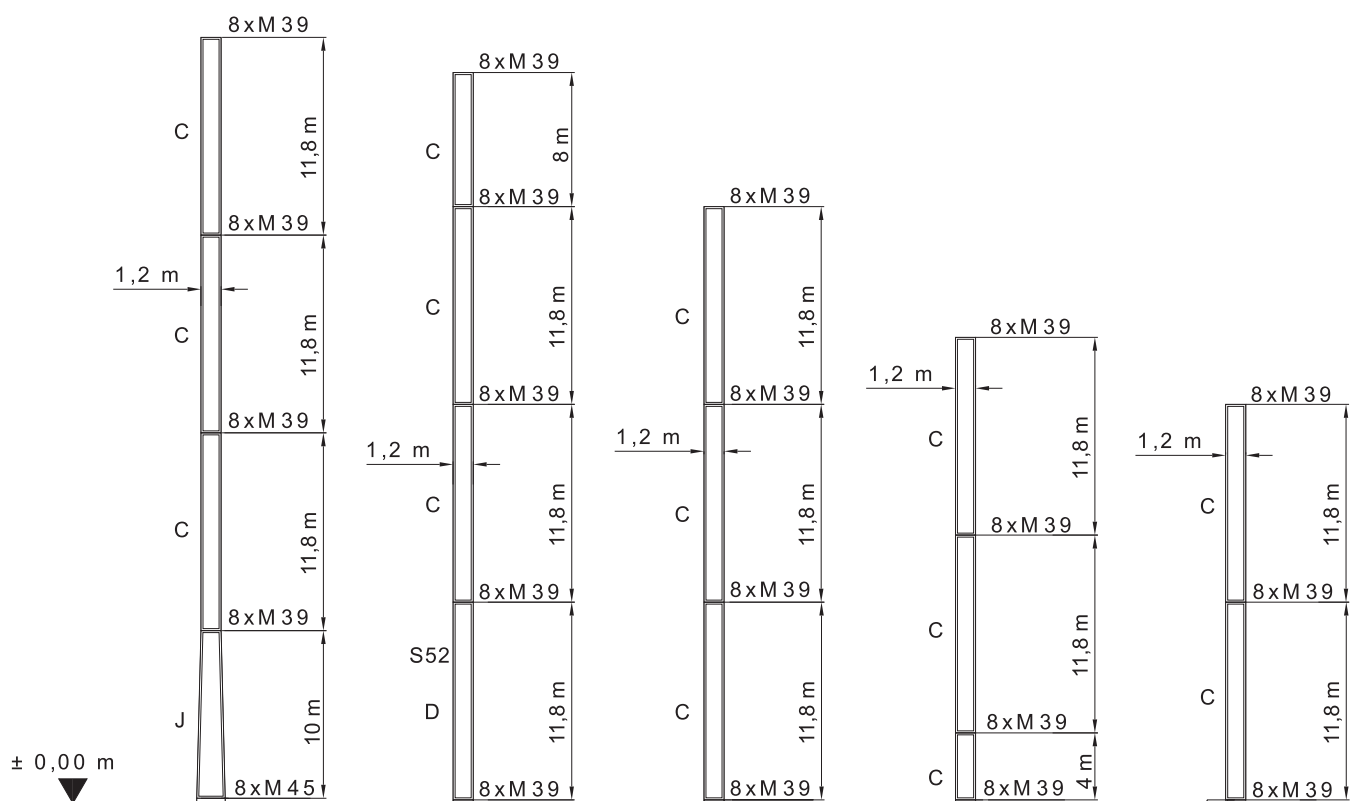
Side Elevation L: Shows the side view of the crane. The vertical column has a total height of 41 m, divided into sections of 11.8 m, 11.8 m, 11.8 m, 11.8 m, 10 m, 5.9 m, and 11.8 m. The beam is supported by a vertical column. The column is divided into sections with different heights and widths. The elevations show the profile of the column and the beam. The plan view shows the layout of the column sections. Dimensions are given in meters (m).

Plan View: Shows the layout of the column sections. The column is divided into sections with different heights and widths. The elevations show the profile of the column and the beam. The plan view shows the layout of the column sections. Dimensions are given in meters (m).

S 60 R/16	S 60/8	S 60/8	S 60/8
H : 63,4 m	H : 57,5 m	H : 53,7 m	H : 49,7 m
P (t) : 42	P (t) : 38,4	P (t) : 36,1	P (t) : 30,1
T (t) : 9,8	T (t) : 9,1	T (t) : 7,3	T (t) : 6,6
M (t·m) : 330	M (t·m) : 322	M (t·m) : 248	M (t·m) : 211,6

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

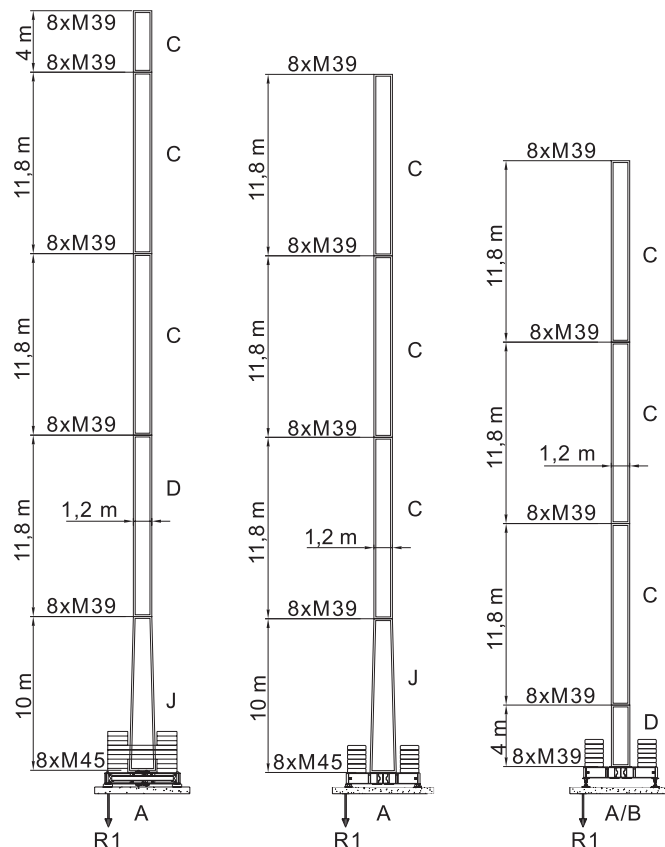
C : TORRE S/TL 36-41 - 46 - 40 - 45 1.20 M 39/M 39 8/8
D : TORRE S/TL 52 - 50 1.20 M 39/M 39 8/8
J : CAMPANA S17 10m 1.20/1.70 M 39/M 45 8/8



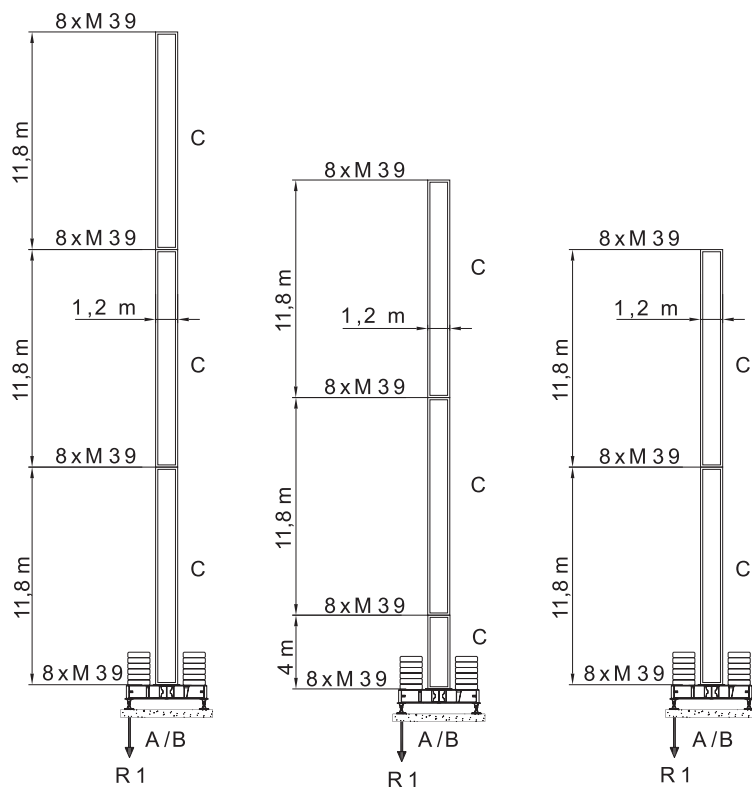
S 60/8	S 51	S 51	S 51	S 51
H : 45,7 m	H : 43,65 m	H : 35,65 m	H : 27,85 m	H : 23,85 m
M (t.m) : 146,4	M (t.m) : 137,7	M (t.m) : 74,2	M (t.m) : 49,7	M (t.m) : 42,1
T (t) : 6,3	T (t) : 6,4	T (t) : 5,7	T (t) : 4,9	T (t) : 3,5
P (t) : 28,9	P (t) : 26,4	P (t) : 24,5	P (t) : 23,9	P (t) : 23,2

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

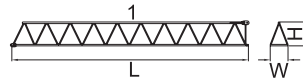
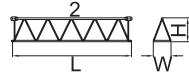
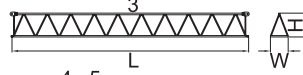
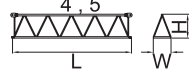
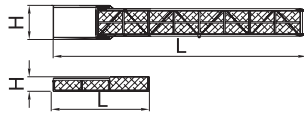
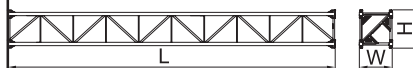
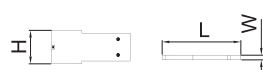
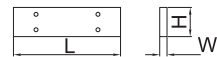
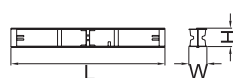
C: TORRE S/TL 36-41 - 46 - 40 - 45 1.20 M39/M39 8/8
D: TORRE S/TL 52 - 50 1.20 M39/M39 8/8
J: CAMPANA S17 10m 1.20/1.70 M39/M45 8/8

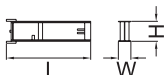
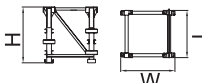


H(m): 50,6	H(m): 46,5	H(m): 40,4
4,5 x 4,5 m - 1,7 - HM 700	4,5 x 4,5 m - 1,2 / 1,7 - HB 700	3,8 X 3,8 m 1,2 HB 600
LASTRE: 98,8 Tn	LASTRE: 72,6 Tn	LASTRE: 60,8 Tn
R1= 81,83 Tn	R1= 60,47 Tn	R1= 51,86 Tn



H(m): 36,4	H(m): 28,6	H(m): 24,6
3,8 X 3,8 m 1,2 H.B 600	3,8 X 3,8 m 1,2 H.B 600	3,8 X 3,8 m 1,2 H.B 600
LASTRE: 53 Tn	LASTRE: 53 Tn	LASTRE: 45,6 Tn
R1= 41,47 Tn	R1= 35,58 Tn	R1= 31,25 Tn

			L(m)	W(m)	H(m)	Peso(Kg)
Pluma tramo primero / Jib heel section Ausleger-Anlenkstück / Pied de flèche Settore articolato di braccio jib section / Ausleger-Zwischenstück		1	11,85	1,04	1,30	982
Elemento intermedio de pluma Intermediate Elément interm. de flèche/ Spezzone di braccio	  	2 3 4 5	5,94 11,8 5,94 5,94	0,95 0,95 0,95 0,95	1,22 1,22 1,22 1,22	450 915 328 310
Contrapluma / Counter-jib / Gegenausleger / Contre-flèche / Controbraccio.			9,28 4,05	0,22 0,23	1,2 0,525	1023 88
Elemento de torre / Tower section / Turmstück / Elément de mât / Elemento di torre.		C C C C D D D D E E E E J K K K L	11,8 8,0 5,9 4,0 11,8 8,0 5,9 4,0 11,8 8,0 5,9 4,0 10 11,8 5,9 3 11,8	1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,85 1,85 1,85 1,85 1,85	1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,85 1,85 1,85 1,85 1,85	2520 1870 1348 1050 3017 2075 1560 1100 3782 2654 2090 1527 3520 4600 2472 1425 5520
Bloque de contrapeso / Counterweight blocks Gegengewichtsblöcke / Bloc de contrepoids Blocco di contrappeso		A B C	2,94 2,94 1,70	0,30 0,18 0,18	1,25 1,25 1,25	2300 1400 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
Gancho y Carro / Hook and Trolley Lasthaken - Laufkatze / Crochet - Chariot Gancio e Carrello			0,75 0,96	0,12 1,10	1,40 0,62	104 118
Cabeza de torre / Tower head Turmspitze / Porte - flèche Testa di torre			6,5	1,8	1,7	2854
Viga principal base / Main base beam Hauptträger für fundamentkreuz Poutre de châssis de base Trave principale della base			5,72	0,67	0,65	1658

		L(m)	W(m)	H(m)	Peso(Kg)
Semiviga secundaria base / Half base beam Halbträger für fundamentkreuz semipoutre de châssis de base Semitrave secundaria della base		2,77	0,45	0,665	800
Elemento de empotre / Foundation anchor/ Fundamentanker / Élément de scellement/ El annegare		S51 S52R S60/8 S60R/16	1,2 1,2 1,85 1,85	1,38 1,38 1,6 1,6	496 594 956 1108

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